

## SECTION 1: Identification of the substance / mixture and of the company / undertaking

### 1.1. Product identifier

Product form: Mixture  
Product name: PRO-FILL 303 Comp. A  
UFI: 3F00-S0QA-W005-4HEN

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.2.1. Relevant identified uses

Industrial/Professional use spec: Industrial - For professional use only

#### 1.2.2. Uses advised against

No additional information available

### 1.3. Details of the supplier of the safety data sheet

#### NAVIC

27B1, Polidefkous St.  
185 45 Piraeus  
Greece.

Tel: +30 210 4225 145  
[www.navic-chemicals.com](http://www.navic-chemicals.com)

### 1.4. Emergency telephone number

Emergency number: +30 210 7793 777 - (National Poison Helpline, GREECE)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 2:	H315
Serious eye damage/eye irritation, Category 2:	H319
Skin sensitisation, Category 1:	H317
Hazardous to the aquatic environment – Chronic Hazard, Category 2	H411

Full text of H- and EUH-statements: see section 16

#### Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP):



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GHS07 GHS09

Signal word (CLP):	Warning
Contains:	2,2'-[[1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane.
Hazard statements (CLP):	H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation. H411 - Toxic to aquatic life with long lasting effects.
Precautionary statements (CLP):	P280 - Wear protective gloves, face protection, eye protection. P302+P352 - IF ON SKIN: Wash with plenty of water. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P273 - Avoid release to the environment. P501 - Dispose of contents to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
EUH-statements:	EUH205 - Contains epoxy constituents. May produce an allergic reaction.

### 2.3. Other hazards

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII.

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1%.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
2,2'-[[1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane	CAS-No.: 1675-54-3 EC-No.: 216-823-5 EC Index-No.: 603-073-00-2 REACH-no: 01-2119456619-26	< 62	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411

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Specific concentration limits:		
Name	Product identifier	Specific concentration limits
2,2'-[[1-methylethylidene]bis(4,1-phenyleneoxymethylene)]bisoxirane	CAS-No.: 1675-54-3 EC-No.: 216-823-5 EC Index-No.: 603-073-00-2 REACH-no: 01-2119456619-26	( 5 ≤C ≤ 100) Skin Irrit. 2, H315 ( 5 ≤C ≤ 100) Eye Irrit. 2, H319

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general:	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation:	Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact:	Wash with plenty of water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion:	Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation:	May cause an allergic skin reaction.
Symptoms/effects after skin contact:	Causes skin irritation.
Symptoms/effects after eye contact:	Causes serious eye irritation.

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media:	Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media:	Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

No additional information available

### 5.3. Advice for firefighters

Firefighting instructions:	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protection during firefighting:	Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures: Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment: Equip cleanup crew with proper protection.

Emergency procedures: Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.  
Collect spillage. Store away from other materials.

### 6.4. Reference to other sections

See Section 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Avoid breathing vapours.

Hygiene measures: Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep only in the original container in a cool, well ventilated place away from excessive heat and humidity. Keep container closed when not in use.

Incompatible products: Strong bases. Strong acids.

Incompatible materials: Sources of ignition. Direct sunlight.

### 7.3. Specific end use(s)

No additional information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

No additional information available.

#### 8.1.2. Recommended monitoring procedures

No additional information available.

### 8.1.3. Air contaminants formed

No additional information available.

### 8.1.4. DNEL and PNEC

No additional information available.

### 8.1.5. Control banding

No additional information available.

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

No additional information available.

### 8.2.2. Personal protection equipment

Personal protective equipment:

Personal protective equipment symbol(s):

Avoid all unnecessary exposure.



#### 8.2.2.1. Eye and face protection

Eye protection:

Chemical goggles or safety glasses

#### 8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing.

Hand protection:

Wear protective gloves.

#### 8.2.2.3. Respiratory protection

Respiratory protection:

Wear appropriate mask.

#### 8.2.2.4. Thermal hazards

No additional information available.

### 8.2.3. Environmental exposure controls

Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	Viscous paste.
Colour	Black.
Odour	Characteristic.
Odour threshold	Not available.
Melting point	Not available.
Freezing point	Not available.
Boiling point	Not available.
Flammability	Non-flammable.
Explosive properties	Not applicable, product is not explosive.

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Oxidising properties	Not applicable, product is not oxidising.
Explosive limits	Not available.
Lower explosion limit	Not available.
Upper explosion limit	Not available.
Flash point	> 65 °C.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
pH	Not applicable.
Viscosity, kinematic	> 20.5 mm <sup>2</sup> /s.
Solubility	Not available.
Partition coefficient n-octanol/water (Log Kow)	Not available.
Vapour pressure	Not available.
Vapour pressure at 50 °C	Not available.
Density	Not available.
Relative density	Not available.
Relative vapour density at 20 °C	Not available.
Particle characteristics	Not applicable.

## 9.2. Other information

### 9.2.1. Information with regard to physical hazard classes

No additional information available.

### 9.2.2. Other safety characteristics

No additional information available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

### 10.3. Possibility of hazardous reactions

None under normal use.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

Fumes. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral): Not classified (Based on available data, the classification criteria are not met).  
Acute toxicity (dermal): Not classified (Based on available data, the classification criteria are not met).  
Acute toxicity (inhalation): Not classified (Based on available data, the classification criteria are not met).

<b>2,2'-[[1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane (1675-54-3)</b>	
LD50 oral rat	15,000 mg/kg bodyweight
LD50 dermal rabbit	23,000 mg/kg bodyweight

Skin corrosion/irritation: Causes skin irritation.  
pH: Not applicable.

Serious eye damage/irritation: Causes serious eye irritation.  
pH: Not applicable.

Respiratory or skin sensitisation: May cause an allergic skin reaction.

Germ cell mutagenicity: Not classified.

Additional information: Based on available data, the classification criteria are not met.

Carcinogenicity: Not classified.

Additional information: Based on available data, the classification criteria are not met.

Reproductive toxicity: Not classified.

Additional information: Based on available data, the classification criteria are not met.

STOT-single exposure: Not classified.

Additional information: Based on available data, the classification criteria are not met.

STOT-repeated exposure: Not classified.

Additional information: Based on available data, the classification criteria are not met.

Aspiration hazard: Not classified.

Additional information: Based on available data, the classification criteria are not met.

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Viscosity, kinematic	> 20.5 mm <sup>2</sup> /s

### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

No additional information available.

#### 11.2.2. Other information

Potential adverse human health effects and symptoms: Based on available data, the classification criteria are not met.

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## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - water: Toxic to aquatic life with long lasting effects.  
Hazardous to the aquatic environment, short-term (acute): Not classified.  
Hazardous to the aquatic environment, long-term (chronic): Toxic to aquatic life with long lasting effects.

2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane (1675-54-3)	
LC50 - Fish [1]	2 mg/l LC50 96 h - fish [mg/l]
EC50 72h - Algae [1]	11 mg/l
NOEC chronic algae	4.2 mg/l

### 12.2. Persistence and degradability

PRO-FILL 303 Comp. A	
Persistence and degradability	May cause long-term adverse effects in the environment.

### 12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.

### 12.4. Mobility in soil

No additional information available.

### 12.5. Results of PBT and vPvB assessment

No additional information available.

### 12.6. Endocrine disrupting properties

No additional information available.

### 12.7. Other adverse effects

Additional information: Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product/Packaging disposal recommendations: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Ecology - waste materials: Avoid release to the environment.  
European List of Waste (LoW) code: 08 04 09\* - waste adhesives and sealants containing organic solvents or other dangerous substances.  
15 01 10\* - packaging containing residues of or contaminated by dangerous substances.

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## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID.

### 14.1. UN number or ID number

UN-No. (ADR): UN 3082  
UN-No. (IMDG): UN 3082  
UN-No. (IATA): UN 3082  
UN-No. (ADN): Not regulated  
UN-No. (RID): Not regulated

### 14.2. UN proper shipping name

Proper Shipping Name (ADR): ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
Proper Shipping Name (IMDG): ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
Proper Shipping Name (IATA): Environmentally hazardous substance, liquid, n.o.s.  
Proper Shipping Name (ADN): Not regulated.  
Proper Shipping Name (RID): Not regulated.  
Transport document description (ADR): UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane), 9, III, (-).  
Transport document description (IMDG): UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane), 9, III, MARINE POLLUTANT.  
Transport document description (IATA): UN 3082 Environmentally hazardous substance, liquid, n.o.s. (2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane), 9, III.

### 14.3. Transport hazard class(es)

**ADR**

Transport hazard class(es) (ADR): 9  
Danger labels (ADR): 9

**IMDG**

Transport hazard class(es) (IMDG): 9  
Danger labels (IMDG): 9

**IATA**

Transport hazard class(es) (IATA): 9  
Danger labels (IATA): 9

**ADN**

Transport hazard class(es) (ADN): Not regulated

**RID**

Transport hazard class(es) (RID): Not regulated

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### 14.4. Packing group


Packing group (ADR):	III
Packing group (IMDG):	III
Packing group (IATA):	III
Packing group (ADN):	Not regulated.
Packing group (RID):	Not regulated.

### 14.5. Environmental hazards

Dangerous for the environment:	Yes.
Marine pollutant:	Yes.
Other information:	No supplementary information available.

### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR):	M6
Special provisions (ADR):	274, 335, 375, 601
Limited quantities (ADR):	5I
Excepted quantities (ADR):	E1
Packing instructions (ADR):	P001, IBC03, LP01, R001
Special packing provisions (ADR):	PP1
Mixed packing provisions (ADR):	MP19
Transport category (ADR):	3
Special provisions for carriage - Packages (ADR):	V12
Special provisions for carriage - Loading, unloading and handling (ADR):	CV13
Hazard identification number (Kemler No.):	90
Orange plates:	
Tunnel restriction code (ADR):	-
EAC code:	•3Z

#### Transport by sea

Special provisions (IMDG):	274, 335, 969
Limited quantities (IMDG):	5 L
Excepted quantities (IMDG):	E1
Packing instructions (IMDG):	LP01, P001
Special packing provisions (IMDG):	PP1
IBC packing instructions (IMDG):	IBC03
EmS-No. (Fire):	F-A
EmS-No. (Spillage):	S-F
Stowage category (IMDG):	A

#### Air transport

PCA Excepted quantities (IATA):	E1
PCA Limited quantities (IATA):	Y964

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PCA limited quantity max net quantity (IATA):	30 kgG
PCA packing instructions (IATA):	964
PCA max net quantity (IATA):	450L
CAO packing instructions (IATA):	964
CAO max net quantity (IATA):	450L
Special provisions (IATA):	A97, A158, A197, A215
ERG code (IATA):	9L

### Inland waterway transport

Not regulated.

### Rail transport

Not regulated.

## 14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

Contains no REACH substances with Annex XVII restrictions.

##### REACH Annex XIV (Authorisation List)

Contains no REACH Annex XIV substances.

##### REACH Candidate List (SVHC)

Contains no substance on the REACH Candidate List.

##### PIC Regulation (Prior Informed Consent)

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.

##### Ozone Regulation (1005/2009)

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

##### Explosives Precursors Regulation (2019/1148)

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

##### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on drug precursors).

#### 15.1.2. National regulations

##### Germany

Employment restrictions: Observe restrictions according Act on the Protection of Working Mothers (MuSchG).  
Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG).

Water hazard class (WGK): WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1).

Hazardous Incident Ordinance (12. BImSchV): Not subject to the Hazardous Incident Ordinance (12. BImSchV).

##### Netherlands

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SZW-lijst van kankerverwekkende stoffen: None of the components are listed.  
SZW-lijst van mutagene stoffen: None of the components are listed.  
SZW-lijst van reprotoxische stoffen – Borstvoeding: None of the components are listed.  
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid: None of the components are listed.  
SZW-lijst van reprotoxische stoffen – Ontwikkeling: None of the components are listed.

### Denmark

Classification remarks: Emergency management guidelines for the storage of flammable liquids must be followed.  
Danish National Regulations: Young people below the age of 18 years are not allowed to use the product.  
People who have eczema or allergy to epoxy, may not work with the material.  
The requirements from the Danish Working Environment Authorities regarding work with epoxy resins and isocyanates must be observed during use and disposal.

### Switzerland

Storage class (LK): LK 10/12 – Liquids.

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

Data sources: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.  
Other information: None.

Full text of H- and EUH- statements:	
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2.
H205	Contains epoxy constituents. May produce an allergic reaction.
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.
Skin Irrit. 2	Skin corrosion/irritation, Category 2.
Skin Sens. 1	Skin sensitisation, Category 1.

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Safety Data Sheet (SDS), EU.

Region, GR.

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not, therefore, be construed as guaranteeing any specific property of the product. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Our company assumes no responsibility for personal injury or property damage caused to the buyer, applicator or any third party as a result of using our product. Such buyers, applicators and end users assume all risks associated with the use of our product.*

## SECTION 1: Identification of the substance / mixture and of the company / undertaking

### 1.1. Product identifier

Product form: Mixture  
Product name: PRO-FILL 303 Comp. B  
UFI: 0300-R0XR-P006-G53D

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.2.1. Relevant identified uses

Industrial/Professional use spec: Industrial - For professional use only

#### 1.2.2. Uses advised against

No additional information available.

### 1.3. Details of the supplier of the safety data sheet

#### NAVIC

27B1, Polidefkous St.  
185 45 Piraeus  
Greece.

Tel: +30 210 4225 145  
[www.navic-chemicals.com](http://www.navic-chemicals.com)

### 1.4. Emergency telephone number

Emergency number: +30 210 7793 777 - (National Poison Helpline, GREECE)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute toxicity (oral), Category 4	H302
Skin corrosion/irritation, Category 1	H314
Skin sensitisation, Category 1	H317
Hazardous to the aquatic environment – Chronic Hazard, Category 2	H411

Full text of H- and EUH-statements: see section 16

#### Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP):



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	GHS05	GHS07	GHS09
Signal word (CLP):	Danger.		
Contains:	benzyl alcohol, Phenol, polymer with formaldehyde, m-Phenylenebis(methylamine), Polyoxypropylen Diamine, 3-Cyclohexylaminopropylamine.		
Hazard statements (CLP):	H302 - Harmful if swallowed. H314 - Causes severe skin burns and eye damage. H317 - May cause an allergic skin reaction. H411 - Toxic to aquatic life with long lasting effects.		
Precautionary statements (CLP):	P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P264 - Wash hands, forearms and face thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P272 - Contaminated work clothing should not be allowed out of the workplace. P301+P312 - IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell. P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P302+P352 - IF ON SKIN: Wash with plenty of water. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER or doctor. P321 - Specific treatment (see supplemental first aid instruction on this label). P330 - Rinse mouth. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse. P391 - Collect spillage. P405 - Store locked up. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.		

### 2.3. Other hazards

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII.

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1%.

Component	
m-Phenylenebis(methylamine)(1477-55-0)	The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1%.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable.

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### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
benzyl alcohol	CAS-No.: 100-51-6 EC-No.: 202-859-9 EC Index-No.: 603-057-00-5 REACH-no: 01-2119492630-38	< 30	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Eye Irrit. 2, H319
Formaldehyde, polymer with 1,3-benzenedimethanamine and phenol	CAS-No.: 57214-10-5 EC-No.: 500-137-0	< 11	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Phenol, polymer with formaldehyde	CAS-No.: 9003-35-4 EC-No.: 500-005-2	< 11	Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412
m-Phenylenebis(methylamine)	CAS-No.: 1477-55-0 EC-No.: 216-032-5	< 11	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation:vapour), H332 Skin Corr. 1, H314 Eye Dam. 1, H318 Skin Sens. 1B, H317 Aquatic Chronic 3, H412
Polyoxypropylen Diamine	CAS-No.: 9046-10-0	< 8	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Corr. 1, H314 Eye Dam. 1, H318 Aquatic Chronic 3, H412
3-Cyclohexylaminopropylamine	CAS-No.: 3312-60-5 EC-No.: 222-001-7	< 3.5	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Skin Corr. 1, H314 Eye Dam. 1, H318 Aquatic Chronic 3, H412

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general:

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation:

Allow affected person to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact:

Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

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First-aid measures after eye contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.

First-aid measures after ingestion: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a POISON CENTER/doctor if you feel unwell.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation: May cause an allergic skin reaction.

Symptoms/effects after ingestion: Swallowing a small quantity of this material will result in serious health hazard.

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media: Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media: Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

No additional information available.

### 5.3. Advice for firefighters

Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures: Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment: Equip cleanup crew with proper protection.

Emergency procedures: Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

### 6.4. Reference to other sections

See Section 8. Exposure controls and personal protection.

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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Do not breathe vapours.

Hygiene measures: Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep only in the original container in a cool, well ventilated place away from: Extremely high or low temperatures. Keep container closed when not in use.

Incompatible products: Strong acids.

Incompatible materials: Extremely high or low temperatures.

### 7.3. Specific end use(s)

No additional information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

No additional information available.

#### 8.1.2. Recommended monitoring procedures

No additional information available.

#### 8.1.3. Air contaminants formed

No additional information available.

#### 8.1.4. DNEL and PNEC

No additional information available.

#### 8.1.5. Control banding

No additional information available.

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

No additional information available.

#### 8.2.2. Personal protection equipment

Personal protective equipment: Avoid all unnecessary exposure.

Personal protective equipment symbol(s):



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### 8.2.2.1. Eye and face protection

Eye protection: Chemical goggles or safety glasses.

### 8.2.2.2. Skin protection

Hand protection: Wear protective gloves.

### 8.2.2.3. Respiratory protection

Respiratory protection: Wear appropriate mask.

### 8.2.2.4. Thermal hazards

No additional information available.

### 8.2.3. Environmental exposure controls

Other information: Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state:	Viscous paste.
Colour:	Black.
Odour:	Characteristic.
Odour threshold:	Not available.
Melting point:	Not available.
Freezing point:	Not available.
Boiling point:	Not available.
Flammability:	Non-flammable.
Explosive properties:	Not applicable, product is not explosive.
Oxidising properties:	Not applicable, product is not oxidising.
Explosive limits:	Not available.
Lower explosion limit:	Not available.
Upper explosion limit:	Not available.
Flash point:	> 65 °C.
Auto-ignition temperature:	Not available.
Decomposition temperature:	Not available.
pH:	Not applicable.
Viscosity, kinematic:	> 20.5 mm <sup>2</sup> /s.
Solubility:	Not available.
Partition coefficient n-octanol/water (Log Kow):	Not available.
Vapour pressure:	Not available.
Vapour pressure at 50 °C:	Not available.
Density:	Not available.
Relative density:	Not available.
Relative vapour density at 20 °C:	Not available.
Particle characteristics:	Not applicable.

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## 9.2. Other information

### 9.2.1. Information with regard to physical hazard classes

No additional information available.

### 9.2.2. Other safety characteristics

VOC content: 0 g/l.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available.

### 10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

### 10.3. Possibility of hazardous reactions

None under normal use.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases. Oxidizing agent. Peroxides.

### 10.6. Hazardous decomposition products

Fume. Carbon monoxide. Carbon dioxide. Nitrogen oxides.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral): Harmful if swallowed.  
Acute toxicity (dermal): Not classified (Based on available data, the classification criteria are not met).  
Acute toxicity (inhalation): Not classified (Based on available data, the classification criteria are not met).

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ATE CLP (oral)	791.139 mg/kg bodyweight

benzyl alcohol (100-51-6)	
LD50 oral rat	1620 mg/kg bodyweight

Skin corrosion/irritation: Causes severe skin burns.

pH: Not applicable.

Additional information: Based on available data, the classification criteria are not met.

Serious eye damage/irritation: Assumed to cause serious eye damage.

pH: Not applicable.

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Additional information:	Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation:	May cause an allergic skin reaction.
Germ cell mutagenicity:	Not classified .
Additional information:	Based on available data, the classification criteria are not met.
Carcinogenicity:	Not classified.
Additional information:	Based on available data, the classification criteria are not met.
Reproductive toxicity:	Not classified.
Additional information:	Based on available data, the classification criteria are not met.
STOT-single exposure:	Not classified.
Additional information:	Based on available data, the classification criteria are not met.
STOT-repeated exposure:	Not classified.
Additional information:	Based on available data, the classification criteria are not met.

benzyl alcohol (100-51-6)	
NOAEL (oral, rat, 90 days)	400 mg/kg bodyweight/day

Aspiration hazard:	Not classified.
Additional information:	Based on available data, the classification criteria are not met.

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Viscosity, kinematic	> 20.5 mm <sup>2</sup> /s

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

No additional information available.

### 11.2.2. Other information

Potential adverse human health effects and symptoms: Harmful if swallowed.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - water:	Toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute):	Not classified.
Hazardous to the aquatic environment, long-term (chronic):	Toxic to aquatic life with long lasting effects.

benzyl alcohol (100-51-6)	
LC50 - Fish [1]	460 mg/l LC50 96h fish
EC50 72h - Algae [1]	770 mg/l

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### 12.2. Persistence and degradability

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Persistence and degradability	May cause long-term adverse effects in the environment.

### 12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.

### 12.4. Mobility in soil

No additional information available.

### 12.5. Results of PBT and vPvB assessment

No additional information available.

### 12.6. Endocrine disrupting properties

No additional information available.

### 12.7. Other adverse effects

Additional information: Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product/Packaging disposal recommendations: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Ecology - waste materials: Avoid release to the environment.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID.

### 14.1. UN number or ID number

UN-No. (ADR): UN 2735  
UN-No. (IMDG): UN 2735  
UN-No. (IATA): UN 2735  
UN-No. (ADN): Not regulated  
UN-No. (RID): Not regulated

### 14.2. UN proper shipping name

Proper Shipping Name (ADR) AMINES, LIQUID, CORROSIVE, N.O.S.  
Proper Shipping Name (IMDG) AMINES, LIQUID, CORROSIVE, N.O.S.  
Proper Shipping Name (IATA) Amines, liquid, corrosive, n.o.s.  
Proper Shipping Name (ADN) Not regulated  
Proper Shipping Name (RID) Not regulated  
Transport document description (ADR) UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (m-Phenylenebis(methylamine)), 8, II, (E), ENVIRONMENTALLY HAZARDOUS.

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Transport document description (IMDG) UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (m-Phenylenebis(methylamine)), 8, II, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS.

Transport document description (IATA) UN 2735 Amines, liquid, corrosive, n.o.s. (m-Phenylenebis(methylamine)), 8, II, ENVIRONMENTALLY HAZARDOUS.

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR): 8

Danger labels (ADR): 8



#### IMDG

Transport hazard class(es) (IMDG): 8

Danger labels (IMDG): 8



#### IATA

Transport hazard class(es) (IATA): 8

Danger labels (IATA): 8



#### ADN

Transport hazard class(es) (ADN): Not regulated

#### RID

Transport hazard class(es) (RID): Not regulated

### 14.4. Packing group

Packing group (ADR): II

Packing group (IMDG): II

Packing group (IATA): II

Packing group (ADN): Not regulated

Packing group (RID): Not regulated

### 14.5. Environmental hazards

Dangerous for the environment: Yes.

Marine pollutant: Yes.

Other information: No supplementary information available.

### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR): C7

Special provisions (ADR): 274

Limited quantities (ADR): 1 L

Excepted quantities (ADR): E2

Packing instructions (ADR): P001, IBC02

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Mixed packing provisions (ADR): MP15

Transport category (ADR): 2

Hazard identification number (Kemler No.): 80

Orange plates:



Tunnel restriction code (ADR): E

EAC code: 2X

### Transport by sea

Special provisions (IMDG): 274

Limited quantities (IMDG): 1 L

Excepted quantities (IMDG): E2

Packing instructions (IMDG): P001

IBC packing instructions (IMDG): IBC02

EmS-No. (Fire): F-A

EmS-No. (Spillage): S-B

Stowage category (IMDG): A

Segregation (IMDG): SGG18, SG35

Flash point (IMDG):

Properties and observations (IMDG): Colourless to yellowish liquids or solutions with a pungent odour. Miscible with or soluble in water. When involved in a fire, evolve toxic gases. Corrosive to most metals, especially to copper and its alloys. Reacts violently with acids. Cause burns to skin, eyes and mucous membranes.

### Air transport

PCA Excepted quantities (IATA): E2

PCA Limited quantities (IATA): Y840

PCA limited quantity max net quantity (IATA): 0.5 L

PCA packing instructions (IATA): 851

PCA max net quantity (IATA): 1 L

CAO packing instructions (IATA): 855

CAO max net quantity (IATA): 30 L

Special provisions (IATA): A3, A803

ERG code (IATA): 8 L

### Inland waterway transport

Not regulated.

### Rail transport

Not regulated.

## 14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

Contains no REACH substances with Annex XVII restrictions.

##### REACH Annex XIV (Authorisation List)

Contains no REACH Annex XIV substances.

##### REACH Candidate List (SVHC)

Contains no substance on the REACH Candidate List.

##### PIC Regulation (Prior Informed Consent)

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.

##### Ozone Regulation (1005/2009)

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

##### VOC Directive (2004/42)

VOC content: 0 g/l.

##### Explosives Precursors Regulation (2019/1148)

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

##### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on drug precursors).

#### 15.1.2. National regulations

##### Germany

Employment restrictions:	Observe restrictions according Act on the Protection of Working Mothers (MuSchG). Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG).
Water hazard class (WGK):	WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1).
List of sensitizing substances (TRGS 907):	Contains sensitizing substances according TRGS 907.
Hazardous Incident Ordinance (12. BImSchV):	Is not subject of the Hazardous Incident Ordinance (12. BImSchV).

##### Netherlands

SZW-lijst van kankerverwekkende stoffen:	None of the components are listed.
SZW-lijst van mutagene stoffen:	None of the components are listed.
SZW-lijst van reprotoxische stoffen – Borstvoeding:	None of the components are listed.
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid:	None of the components are listed.
SZW-lijst van reprotoxische stoffen – Ontwikkeling:	None of the components are listed.

##### Denmark

Classification remarks	Emergency management guidelines for the storage of flammable liquids must be followed.
Danish National Regulations:	Young people below the age of 18 years are not allowed to use the product.

##### Switzerland

Storage class (LK):	LK 8 - Corrosive materials.
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### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

Data sources: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information: None.

Full text of H- and EUH- statements:	
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1.
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

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H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Skin Corr. 1	Skin corrosion/irritation, Category 1
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B

Safety Data Sheet (SDS), EU.

Region, GR.

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not, therefore, be construed as guaranteeing any specific property of the product. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Our company assumes no responsibility for personal injury or property damage caused to the buyer, applicator or any third party as a result of using our product. Such buyers, applicators and end users assume all risks associated with the use of our product.*

## SECTION 1: Identification of the substance / mixture and of the company / undertaking

### 1.1. Product identifier

Product form: Mixture  
Product name: PRO-FILL 603  
UFI: SM00-T034-H005-F6KS

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.2.1. Relevant identified uses

Industrial/Professional use spec: Industrial - For professional use only

#### 1.2.2. Uses advised against

No additional information available

### 1.3. Details of the supplier of the safety data sheet

#### NAVIC

27B1, Polidefkous St.  
185 45 Piraeus  
Greece.

Tel: +30 210 4225 145  
[www.navic-chemicals.com](http://www.navic-chemicals.com)

### 1.4. Emergency telephone number

Emergency number: +30 210 7793 777 - (National Poison Helpline, GREECE)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flammable liquids, Category 2	H225
Skin corrosion/irritation, Category 2:	H315
Serious eye damage/eye irritation, Category 2:	H319
Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation	H335
Specific target organ toxicity – Repeated exposure, Category 2	H373

Full text of H- and EUH-statements: see section 16

#### Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP):



Signal word (CLP):	Danger
Contains:	Reaction mass of ethylbenzene and m-xylene and p-xylene.
Hazard statements (CLP):	H225 - Highly flammable liquid and vapour. H315 - Causes skin irritation. H319 - Causes serious eye irritation. H335 - May cause respiratory irritation. H373 - May cause damage to organs through prolonged or repeated exposure.
Precautionary statements (CLP):	P260 - Do not breathe vapours. P280 - Wear protective gloves, face protection, eye protection. P302+P352 - IF ON SKIN: Wash with plenty of water. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P304+P340+P311 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P501 - Dispose of contents to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### 2.3. Other hazards

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII.

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1%.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable.

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Reaction mass of ethylbenzene and m-xylene and p-xylene	EC-No.: 905-562-9 REACH-no: 01-2119488216-32	< 25	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Chronic 3, H412

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butanone; ethyl methyl ketone substance with a Community workplace exposure limit	CAS-No.: 78-93-3 EC-No.: 201-159-0 EC Index-No.: 606-002-00-3 REACH-no: 01-2119457290-43	<2.8	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
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Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general:	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation:	Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
First-aid measures after skin contact:	Wash with plenty of water. Take off immediately all contaminated clothing. Wash with plenty of water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion:	Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects:	Causes damage to organs.
Symptoms/effects after inhalation:	May cause respiratory irritation.
Symptoms/effects after skin contact:	Causes skin irritation.
Symptoms/effects after eye contact:	Causes serious eye irritation.

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media:	Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media:	Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard:	Highly flammable liquid and vapour.
Explosion hazard:	May form flammable/explosive vapour-air mixture.

### 5.3. Advice for firefighters

Firefighting instructions:	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protection during firefighting:	Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures: Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.

#### 6.1.1. For non-emergency personnel

Emergency procedures: Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment: Equip cleanup crew with proper protection.

Emergency procedures: Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

### 6.4. Reference to other sections

See Section 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed: Handle empty containers with care because residual vapours are flammable.

Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. No open flames. No smoking. Use only non-sparking tools. Avoid breathing vapours. Use only outdoors or in a well-ventilated area.

Hygiene measures: Wash hands, forearms and face thoroughly after handling.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures: Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical equipment.

Storage conditions: Keep only in the original container in a cool, well ventilated place away from excessive heat and humidity. Keep container closed when not in use.

Incompatible products: Strong bases. Strong acids.

Incompatible materials: Sources of ignition. Direct sunlight.

### 7.3. Specific end use(s)

No additional information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

No additional information available.

#### 8.1.2. Recommended monitoring procedures

No additional information available.

#### 8.1.3. Air contaminants formed

No additional information available.

#### 8.1.4. DNEL and PNEC

Reaction mass of ethylbenzene and m-xylene and p-xylene	
<b>DNEL/DMEL (Workers)</b>	
Acute - systemic effects, inhalation	442 mg/m <sup>3</sup>
Acute - local effects, inhalation	293 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	180 µg/kg bodyweight/day
Long-term - systemic effects, inhalation	77 mg/m <sup>3</sup>
Long-term - local effects, inhalation	221 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Acute - systemic effects, inhalation	260 mg/m <sup>3</sup>
Acute - local effects, inhalation	260 mg/m <sup>3</sup>
Long-term - systemic effects, oral	1.6 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	15 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	125 mg/kg bodyweight/day
Long-term - local effects, inhalation	65.3 mg/m <sup>3</sup>
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	44 µg/L
PNEC aqua (marine water)	4.4 µg/L
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	2.52 µg/kg dwt
PNEC sediment (marine water)	252 µg/kg dwt
<b>PNEC (Soil)</b>	
PNEC soil	852 µg/kg dwt

<b>PNEC (STP)</b>	
PNEC sewage treatment plant	1.6 mg/l

<b>butanone; ethyl methyl ketone (78-93-3)</b>	
<b>DNEL/DMEL (Workers)</b>	
Long-term - systemic effects, dermal	1161 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	600 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Long-term - systemic effects, oral	31 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	106 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	412 mg/kg bodyweight/day
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	55.8 mg/l
PNEC aqua (marine water)	55.8 mg/l
PNEC aqua (intermittent, freshwater)	55.8 mg/l
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	284.74 mg/kg dwt
PNEC sediment (marine water)	284.7 mg/kg dwt
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	709 mg/l

### 8.1.5. Control banding

No additional information available.

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

No additional information available.

### 8.2.2. Personal protection equipment

Personal protective equipment:

Personal protective equipment symbol(s):

Avoid all unnecessary exposure.



#### 8.2.2.1. Eye and face protection

Eye protection:

Chemical goggles or safety glasses.

### 8.2.2.2. Skin protection

Skin and body protection:  
Hand protection:

Wear suitable protective clothing.  
Wear protective gloves. Suitable materials for safety gloves (EN 374): Butyl rubber, Nitrile rubber, neoprene rubber. For prolonged or repeated exposure, gloves of class 5 or higher are recommended (breakthrough time > 240min according to EN374). For short time use, gloves of class 3 or higher are recommended (breakthrough time > 60min according to EN374). The thickness of gloves should be > 0.35mm in order to provide adequate protection for prolonged contact with the product.

### 8.2.2.3. Respiratory protection

Respiratory protection:

If concentration of one or more substances present in the product exceeds the exposure limit, use respiratory protective device (refer to EN 529).

### 8.2.2.4. Thermal hazards

No additional information available.

### 8.2.3. Environmental exposure controls

Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	Liquid.
Colour	Black.
Odour	Characteristic.
Odour threshold	Not available.
Melting point	Not available.
Freezing point	Not available.
Boiling point	Not available.
Flammability	Highly flammable liquid and vapour.
Explosive properties	Not applicable, product is not explosive.
Oxidising properties	Not applicable, product is not oxidising.
Lower explosion limit	Not available.
Upper explosion limit	Not available.
Flash point	20 °C.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
pH	Not applicable.
Viscosity, kinematic	> 20.5 mm <sup>2</sup> /s.
Solubility	Not available.
Partition coefficient n-octanol/water (Log Kow)	Not available.
Vapour pressure	Not available.
Vapour pressure at 50 °C	Not available.
Density	Not available.
Relative density	Not available.
Relative vapour density at 20 °C	Not available.
Particle characteristics	Not applicable.

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available.

#### 9.2.2. Other safety characteristics

No additional information available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available.

### 10.2. Chemical stability

Highly flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

### 10.3. Possibility of hazardous reactions

None under normal use.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

Fumes. Carbon monoxide. Carbon dioxide. May release flammable gases.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral): Not classified.

Acute toxicity (dermal): Not classified.

Acute toxicity (inhalation): Not classified.

Reaction mass of ethylbenzene and m-xylene and p-xylene	
LD50 oral rat	3,523 mg/kg bodyweight
LD50 dermal rabbit	12,126 mg/kg bodyweight
LC50 Inhalation - Rat (Vapours)	27,124 mg/l/4h

Skin corrosion/irritation: Causes skin irritation.  
pH: Not applicable.

Serious eye damage/irritation: Causes serious eye irritation.  
pH: Not applicable.

Respiratory or skin sensitisation: Not classified.

Additional information: Based on available data, the classification criteria are not met.

Germ cell mutagenicity: Not classified.

Additional information:	Based on available data, the classification criteria are not met.
Carcinogenicity:	Not classified.
Additional information:	Based on available data, the classification criteria are not met.
Reproductive toxicity:	Not classified.
Additional information:	Based on available data, the classification criteria are not met.
STOT-single exposure:	May cause respiratory irritation.

Reaction mass of ethylbenzene and m-xylene and p-xylene	
STOT-single exposure	May cause respiratory irritation.

butanone; ethyl methyl ketone (78-93-3)	
STOT-single exposure	May cause drowsiness or dizziness.

STOT-repeated exposure: May cause damage to organs through prolonged or repeated exposure.

Reaction mass of ethylbenzene and m-xylene and p-xylene	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard:	Not classified.
Additional information:	Based on available data, the classification criteria are not met.

PRO-FILL 603	
Viscosity, kinematic	> 20.5 mm <sup>2</sup> /s.

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

No additional information available.

### 11.2.2. Other information

Potential adverse human health effects and symptoms: Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute):	Not classified.
Hazardous to the aquatic environment, long-term (chronic):	Not classified.

Reaction mass of ethylbenzene and m-xylene and p-xylene	
LC50 - Fish [1]	2.6 mg/l LC50 96h fish
NOEC chronic fish	1.29 mg/l

butanone; ethyl methyl ketone (78-93-3)	
LC50 - Fish [1]	2.993 g/l LC50 96h fish

### 12.2. Persistence and degradability

PRO-FILL 603	
Persistence and degradability	Not established.

Reaction mass of ethylbenzene and m-xylene and p-xylene	
Persistence and degradability	Rapidly degradable.

butanone; ethyl methyl ketone (78-93-3)	
Persistence and degradability	Rapidly degradable.

### 12.3. Bioaccumulative potential

PRO-FILL 603	
Bioaccumulative potential	Not established.

### 12.4. Mobility in soil

No additional information available.

### 12.5. Results of PBT and vPvB assessment

No additional information available.

### 12.6. Endocrine disrupting properties

No additional information available.

### 12.7. Other adverse effects

Additional information: Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product/Packaging disposal recommendations: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Additional information: Handle empty containers with care because residual vapours are flammable.

Ecological information: Avoid release to the environment.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID.

### 14.1. UN number or ID number

UN-No. (ADR): UN 1993  
UN-No. (IMDG): UN 1993  
UN-No. (IATA): UN 1993  
UN-No. (ADN): Not regulated  
UN-No. (RID): Not regulated

### 14.2. UN proper shipping name

Proper Shipping Name (ADR): FLAMMABLE LIQUID, N.O.S.  
Proper Shipping Name (IMDG): FLAMMABLE LIQUID, N.O.S.  
Proper Shipping Name (IATA): Flammable liquid, n.o.s.  
Proper Shipping Name (ADN): Not regulated.  
Proper Shipping Name (RID): Not regulated.  
Transport document description (ADR): UN 1993 FLAMMABLE LIQUID, N.O.S. (Reaction mass of ethylbenzene and m-xylene and p-xylene, butanone; ethyl methyl ketone), 3, II, (D/E).  
Transport document description (IMDG): UN 1993 FLAMMABLE LIQUID, N.O.S. (Reaction mass of ethylbenzene and m-xylene and p-xylene, butanone; ethyl methyl ketone), 3, II.  
Transport document description (IATA): UN 1993 Flammable liquid, n.o.s. (Reaction mass of ethylbenzene and m-xylene and p-xylene, butanone; ethyl methyl ketone), 3, II.

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR): 3  
Danger labels (ADR): 3



#### IMDG

Transport hazard class(es) (IMDG): 3  
Danger labels (IMDG): 3



#### IATA

Transport hazard class(es) (IATA): 3  
Danger labels (IATA): 3



#### ADN

Transport hazard class(es) (ADN): Not regulated

#### RID

Transport hazard class(es) (RID): Not regulated

### 14.4. Packing group

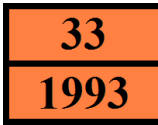
Packing group (ADR): II  
Packing group (IMDG): II  
Packing group (IATA): II  
Packing group (ADN): Not regulated.  
Packing group (RID): Not regulated.

### 14.5. Environmental hazards

Dangerous for the environment:	No.
Marine pollutant:	No.
Other information:	No supplementary information available.

### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR):	F1
Special provisions (ADR):	274, 601, 640C
Limited quantities (ADR):	1I
Excepted quantities (ADR):	E2
Packing instructions (ADR):	P001
Mixed packing provisions (ADR):	MP19
Portable tank and bulk container instructions (ADR):	T7
Portable tank and bulk container special provisions (ADR):	TP1, TP8, TP28
Tank code (ADR):	L1.5BN
Vehicle for tank carriage:	FL
Transport category (ADR):	2
Special provisions for carriage - Operation (ADR):	S2, S20
Hazard identification number (Kemler No.):	33
Orange plates:	
Tunnel restriction code (ADR):	D/E

#### Transport by sea

Special provisions (IMDG):	274
Limited quantities (IMDG):	1 L
Excepted quantities (IMDG):	E2
Packing instructions (IMDG):	P001
IBC packing instructions (IMDG):	IBC02
Tank instructions (IMDG):	T7
Tank special provisions (IMDG):	TP1, TP28, TP8
EmS-No. (Fire):	F-E
EmS-No. (Spillage):	S-E
Stowage category (IMDG):	B

#### Air transport

PCA Excepted quantities (IATA):	E2
PCA Limited quantities (IATA):	Y341
PCA limited quantity max net quantity (IATA):	1 L
PCA packing instructions (IATA):	353
PCA max net quantity (IATA):	5 L
CAO packing instructions (IATA):	364

## SAFETY DATA SHEET

In accordance to REACH Regulation (EC) 1907/2006 as amended by (EU) 2020/878.  
Version: 1.0 ENGLISH/GREECE Issue date: 01/01/2023 Revision date: -

Supersedes version: -

CAO max net quantity (IATA): 60 L  
Special provisions (IATA): A3  
ERG code (IATA): 3H

### Inland waterway transport

Not regulated.

### Rail transport

Not regulated.

## 14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

Contains no REACH substances with Annex XVII restrictions.

##### REACH Annex XIV (Authorisation List)

Contains no REACH Annex XIV substances.

##### REACH Candidate List (SVHC)

Contains no substance on the REACH Candidate List.

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals).

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants).

##### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer).

##### Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

##### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors).

##### Drug Precursors Regulation (273/2004)

Contains substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances).

Name	CN designation	CAS-No.	CN code	Category, Subcategory	Threshold	Annex
Methylethylketone	Butanone	78-93-3	2914 12 00	Category 3		Annex I

#### 15.1.2. National regulations

No additional information available.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

Data sources: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

# PRO-FILL 603

## SAFETY DATA SHEET

In accordance to REACH Regulation (EC) 1907/2006 as amended by (EU) 2020/878.  
Version: 1.0 ENGLISH/GREECE Issue date: 01/01/2023 Revision date: -



Supersedes version: -

Other information: None.

Full text of H- and EUH- statements:	
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4.
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4.
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3.
Asp. Tox. 1	Aspiration hazard, Category 1.
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2.
Flam. Liq. 2	Flammable liquids, Category 2.
Flam. Liq. 3	Flammable liquids, Category 3.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.
Skin Irrit. 2	Skin corrosion/irritation, Category 2.
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2.
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation.

Safety Data Sheet (SDS), EU  
Region, GR

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not, therefore, be construed as guaranteeing any specific property of the product. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Our company assumes no responsibility for personal injury or property damage caused to the buyer, applicator or any third party as a result of using our product. Such buyers, applicators and end users assume all risks associated with the use of our product.*

## SECTION 1: Identification of the substance / mixture and of the company / undertaking

### 1.1. Product identifier

Product form: Powder  
Product name: AUX 201

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.2.1. Relevant identified uses

Industrial/Professional use spec: Industrial - For professional use only

#### 1.2.2. Uses advised against

No additional information available

### 1.3. Details of the supplier of the safety data sheet

#### NAVIC

27B1, Polidefkous St.  
185 45 Piraeus  
Greece.

Tel: +30 210 4225 145  
[www.navic-chemicals.com](http://www.navic-chemicals.com)

### 1.4. Emergency telephone number

Emergency number: +30 210 7793 777 - (National Poison Helpline, GREECE)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

This product does not meet the criteria for classification as hazardous as defined in the Regulation EC 1272/2008 and in Directive 67/548/EEC.

Depending on the type of handling and use (e.g. grinding, drying), airborne respirable crystalline silica may be generated. Prolonged and/or massive inhalation of respirable crystalline silica dust may cause lung fibrosis, commonly referred to as silicosis. Principal symptoms of silicosis are cough and breathlessness. Occupational exposure to respirable crystalline silica dust should be monitored and controlled. This product should be handled with care to avoid dust generation.

#### Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

None.

### 2.3. Other hazards

None.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Wollastonite	CAS-No.: 13983-17-0 EC-No.: 237-772-5 REACH-no: -	< 80	-
Respirable Crystalline Silica (quartz)	CAS-No.: 238-878-4 EC-No.: 14808-60-7 REACH-no: -	< 1	STOT RE 1 H372

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general:	No hazards which require special first aid measures.
First-aid measures after inhalation:	Movement of the exposed individual from the area to fresh air is recommended.
First-aid measures after skin contact:	No special first aid measures necessary.
First-aid measures after eye contact:	Rinse with copious quantities of water and seek medical attention if irritation persists.
First-aid measures after ingestion:	No first aid measure required.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects: No acute and delayed symptoms and effects are observed.

### 4.3. Indication of any immediate medical attention and special treatment needed

No special first aid measures necessary.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media: No specific extinguishing media is needed.

### 5.2. Special hazards arising from the substance or mixture

Non-combustible. No hazardous thermal decomposition.

### 5.3. Advice for firefighters

Protection during firefighting: No specific fire-fighting protection is required.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.2. For emergency responders

Protective equipment: Avoid airborne dust generation, wear personal protective equipment in compliance with national legislation.

#### 6.2. Environmental precautions

No special requirements.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Avoid dry sweeping and use water spraying or vacuum cleaning systems to prevent airborne dust generation. Wear personal protective equipment in compliance with national legislation.

#### 6.4. Reference to other sections

See Section 8. Exposure controls and personal protection.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling: Avoid airborne dust generation. Provide appropriate exhaust ventilation at places where airborne dust is generated. In case of insufficient ventilation, wear suitable respiratory protective equipment. Handle packaged products carefully to prevent accidental bursting. If you require advice on safe handling techniques, please contact your supplier or check the Good Practice Guide referred to in section 16.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Minimise airborne dust generation and prevent wind dispersal during loading and unloading. Keep containers closed and store packaged products so as to prevent accidental bursting.

#### 7.3. Specific end use(s)

No additional information available.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

Name	UK	FR	NL	ES	PT	DK	PL	BE	FI	NO	HU	SE	RO	GR	CZ	SK
Wollastonite						GV: 1 f/cm <sup>3</sup>										

Respirable Crystalline Silica (quartz)	TWA: 0.1 mg/m <sup>3</sup>	VME: 0.1 mg/m <sup>3</sup>	TWA: 0.075 mg/m <sup>3</sup>	VLA-ED: 0.1 mg/m <sup>3</sup>	VLE-MP: 0.025 mg/m <sup>3</sup>	GV: 0.1 mg/m <sup>3</sup>	NDS: 0.3 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>	HTP-arvot: 0.2 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.15 mg/m <sup>3</sup>	NGV: 0.1 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>	NPEL: 0.1 mg/m <sup>3</sup> resp.
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### 8.1.2. Recommended monitoring procedures

No additional information available.

### 8.1.3. Air contaminants formed

No additional information available.

### 8.1.4. DNEL and PNEC

No additional information available.

### 8.1.5. Control banding

No additional information available.

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

Minimise airborne dust generation. Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below specified exposure limits. If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne particles below the exposure limit. Apply organisational measures, e.g. by isolating personnel from dusty areas. Remove and wash soiled clothing.

### 8.2.2. Personal protection equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Personal protective equipment symbol(s):

-

#### 8.2.2.1. Eye and face protection

Eye protection:

Wear safety glasses with side-shields in circumstances where there is a risk of penetrative eye injuries.

#### 8.2.2.2. Skin protection

Skin and body protection:

No specific requirement. For hands, see below. Appropriate protection (e.g. protective clothing, barrier cream) is recommended for workers who suffer from dermatitis or sensitive skin.

Hand protection:

Appropriate protection (e.g. gloves, barrier cream) is recommended for workers who suffer from dermatitis or sensitive skin. Wash hands at the end of each work session.

#### 8.2.2.3. Respiratory protection

Respiratory protection:

In case of prolonged exposure to airborne dust concentrations, wear a respiratory protective equipment that complies with the requirements of European or national legislation. The use of half or full face masks with filters against particles of category 2 or 3 (FP2 - FP3) is recommended. See EN 143: 2000 - Respiratory protective devices. Particle filters.

#### 8.2.2.4. Thermal hazards

No additional information available.

### 8.2.3. Environmental exposure controls

Other information:

Avoid wind dispersal.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	Solid.
Colour	White.
Odour	Odourless.
Odour threshold	Not available.
Melting point	> 1,000 °C.
Freezing point	> 1,000 °C.
Boiling point	Not applicable, solid inorganic substance.
Flammability	Non-flammable.
Explosive properties	Not applicable, product is not explosive.
Oxidising properties	Not applicable, product is not oxidising.
Explosive limits	Not available.
Lower explosion limit	Not available.
Upper explosion limit	Not available.
Flash point	Not applicable (not flammable).
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
pH	10 (@10% aqueous dispersion).
Viscosity, kinematic	Not applicable.
Solubility	Not available.
Partition coefficient n-octanol/water (Log Kow)	Not applicable, solid inorganic substance.
Vapour pressure	Not applicable, solid inorganic substance.
Density	Not available.
Relative density	Not available.
Relative vapour density at 20 °C	Not available.
Particle characteristics	Not applicable.

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available.

#### 9.2.2. Other safety characteristics

No additional information available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Inert, not reactive.

### 10.2. Chemical stability

Chemically stable.

### 10.3. Possibility of hazardous reactions

No hazardous reactions.

### 10.4. Conditions to avoid

Not relevant.

### 10.5. Incompatible materials

No particular incompatibility.

### 10.6. Hazardous decomposition products

Not relevant.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral):	Not classified (Based on available data, the classification criteria are not met).
Acute toxicity (dermal):	Not classified (Based on available data, the classification criteria are not met).
Acute toxicity (inhalation):	Not classified (Based on available data, the classification criteria are not met).
Skin corrosion/irritation:	Not classified (Based on available data, the classification criteria are not met).
Serious eye damage/irritation:	Not classified (Based on available data, the classification criteria are not met).
Respiratory or skin sensitisation:	Not classified (Based on available data, the classification criteria are not met).
Germ cell mutagenicity:	Not classified.
Additional information:	Based on available data, the classification criteria are not met.
Carcinogenicity:	Not classified.
Additional information:	Based on available data, the classification criteria are not met.
Reproductive toxicity:	Not classified.
Additional information:	Based on available data, the classification criteria are not met.
STOT-single exposure:	Not classified.
Additional information:	Based on available data, the classification criteria are not met.
STOT-repeated exposure:	Not classified.
Additional information:	Based on available data, the classification criteria are not met.
Aspiration hazard:	Not classified.
Additional information:	Based on available data, the classification criteria are not met.

### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

No additional information available.

#### 11.2.2. Other information

No additional information available.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Not relevant.

#### 12.2. Persistence and degradability

Not relevant.

#### 12.3. Bioaccumulative potential

Not relevant.

#### 12.4. Mobility in soil

Negligible.

#### 12.5. Results of PBT and vPvB assessment

This product is an inorganic substance and does not meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH.

#### 12.6. Endocrine disrupting properties

No specific adverse effects known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Product/Packaging disposal recommendations: Where possible, recycling is preferable to disposal. Can be disposed of in compliance with local regulations.

Ecology - waste materials: Dust formation from residues in packaging should be avoided and suitable worker protection assured. Store used packaging in enclosed receptacles. Recycling and disposal of packaging should be carried out in compliance with local regulations. The re-use of packaging is not recommended. Recycling and disposal of packaging should be carried out by an authorised waste management company.

### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID.

#### 14.1. UN number or ID number

Not regulated.

#### 14.2. UN proper shipping name

Not regulated.

#### 14.3. Transport hazard class(es)

Not regulated.

#### 14.4. Packing group

Not regulated.

#### 14.5. Environmental hazards

Not applicable.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

No information available.

#### 15.1.2. National regulations

No information available.

### 15.2. Chemical safety assessment

Exempted from REACH Registration in accordance with Annex V.7.

## SECTION 16: Other information

Data sources: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information: None.

#### Full text of R-phrases referred to under sections 2 and 3

R48/20 - Harmful: danger of serious damage to health by prolonged exposure through inhalation

#### Full text of H-Statements referred to under sections 2 and 3

H372 - Causes damage to lung through prolonged or repeated exposure by inhalation.

Safety Data Sheet (SDS), EU.

Region, GR.

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not, therefore, be construed as guaranteeing any specific property of the product. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Our company assumes no responsibility for personal injury or property damage caused to the buyer, applicator or any third party as a result of using our product. Such buyers, applicators and end users assume all risks associated with the use of our product.*