

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878

# SAFETY DATA SHEET

FRS-40 SEMI-GLOSS BASE BLUE SF7097

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

### 1.1 Product identifier

Product name SDS code : FRS-40 SEMI-GLOSS BASE BLUE SF7097 : 40997097B

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

	Identified uses	
Paint. Professional use I	ndustrial use	
	Uses advised against	
All other uses		

**Product use** 

: Solvent borne coating for interior use.

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

MAPAERO SAS 10, Avenue de la Rijole CS30098 09103 PAMIERS Cedex France e-mail address of person : PSRA PAMIERS@akzonobel.com

responsible for this SDS

#### 1.4 Emergency telephone number

### National advisory body/Poison Center

Telephone number	: (0551) 19240
<u>Supplier</u>	
Telephone number	: +33 (0)5 34 01 34 01 +33 (0)5 61 60 23 30
Hours of operation	:

### **SECTION 2: Hazards identification**

### 2.1 Classification of the substance or mixture

Product definition : Mixture

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

Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H336 STOT RE 2, H373

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

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## **SECTION 2: Hazards identification**

See Section 11 for more detailed information on health effects and symptoms.

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#### 2.2 Label elements

Hazard pictograms



Signal word	Warning	
Hazard statements	Flammable liquid and vapor. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure.	
Precautionary statements		
Prevention	Wear protective gloves. Wear eye or face protection. Keep away from heat, surfaces, sparks, open flames and other ignition sources. No smoking. Do no breathe vapor. Wash hands thoroughly after handling.	
Response	Get medical advice or attention if you feel unwell. IF INHALED: Call a POISC CENTER or doctor if you feel unwell. Take off contaminated clothing and wa before reuse. IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present a easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.	ish it
Storage	Store in a well-ventilated place. Keep container tightly closed. Keep cool.	
Disposal	Dispose of contents and container in accordance with all local, regional, natio and international regulations.	onal
Hazardous ingredients	n-butyl acetate Reaction mass of ethylbenzene and xylene	
Supplemental label elements	Contains methyl methacrylate. May produce an allergic reaction.	
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	Not applicable.	
Special packaging requirem	<u>S</u>	
Containers to be fitted with child-resistant fastenings	Not applicable.	
Tactile warning of danger	Not applicable.	
2.3 Other hazards Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII Other hazards which do not result in classification	This mixture does not contain any substances that are assessed to be a PBT vPvB. None known.	or a



#### : Mixture 3.2 Mixtures Product/ingredient name Identifiers % Regulation (EC) No. Type 1272/2008 [CLP] Flam. Lig. 3, H226 n-butyl acetate REACH #: ≥25 - ≤50 [1] [2] STOT SE 3, H336 01-2119485493-29 EC: 204-658-1 EUH066 CAS: 123-86-4 Index: 607-025-00-1 [1] [2] Reaction mass of ethylbenzene REACH #: ≥10 - <20 Flam. Liq. 3, H226 and xylene 01-2119488216-32 Acute Tox. 4, H312 EC: 905-588-0 Acute Tox. 4, 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 [1] [2] 2-methoxy-1-methylethyl acetate REACH #: ≤10 Flam. Liq. 3, H226 01-2119475791-29 STOT SE 3, H336 EC: 203-603-9 CAS: 108-65-6 cyclohexanone REACH #: <1 Flam. Liq. 3, H226 [1] [2] 01-2119453616-35 Acute Tox. 4, H332 EC: 203-631-1 CAS: 108-94-1 Index: 606-010-00-7 [1] Hydrocarbons, C11-C14, n-REACH #: ≤1 Asp. Tox. 1, H304 alkanes, isoalkanes, cyclics, <2% EUH066 01-2119456620-43 aromatics EC: 926-141-6 methyl methacrylate [1] [2] REACH #: ≤0.3 Flam. Liq. 2, H225 Skin Irrit. 2, H315 01-2119452498-28 EC: 201-297-1 Skin Sens. 1, H317 CAS: 80-62-6 STOT SE 3, H335 Index: 607-035-00-6 [1] [2] cumene REACH #: ≤0.1 Flam. Lig. 3, H226 01-2119473983-24 STOT SE 3, H335 EC: 202-704-5 Asp. Tox. 1, H304 CAS: 98-82-8 Aquatic Chronic 2, Index: 601-024-00-X H411 See Section 16 for the full text of the H statements declared above.

### **SECTION 3: Composition/information on ingredients**

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

<u>Туре</u>

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

- [3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
- [4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
- [5] Substance of equivalent concern

[6] Additional disclosure due to company policy

Occupational exposure limits, if available, are listed in Section 8.



### **SECTION 4: First aid measures**

#### 4.1 Description of first aid measures

Eye contact	:	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
Inhalation	:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Skin contact	:	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	:	Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Protection of first-aiders	:	No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

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

There are no data available on the mixture itself. The mixture has been assessed following the conventional method of the CLP Regulation (EC) No 1272/2008 and is classified for toxicological properties accordingly. See Sections 2 and 3 for details.

Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

Ingestion may cause nausea, diarrhea and vomiting.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Contains methyl methacrylate. May produce an allergic reaction.

#### **Over-exposure signs/symptoms**

Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
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# SECTION 4: First aid measures

Inhalation	: Adverse symptoms may include the following: nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness
Skin contact	: Adverse symptoms may include the following: irritation redness
Ingestion	: No specific data.

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

Notes to physician	: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Specific treatments	: No specific treatment.

# **SECTION 5: Firefighting measures**

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5.1 Extinguishing media	
Suitable extinguishing media	: Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.
Unsuitable extinguishing media	: Do not use water jet.
5.2 Special hazards arising	from the substance or mixture
Hazards from the substance or mixture	: Flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.
Hazardous combustion products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides halogenated compounds metal oxide/oxides
5.3 Advice for firefighters	
Special protective actions for fire-fighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

### **SECTION 6: Accidental release measures**

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

For non-emergency	: No action shall be taken involving any personal risk or without suitable training.	
personnel	Evacuate surrounding areas. Keep unnecessary and unprotected personnel from	
-	entering. Do not touch or walk through spilled material. Shut off all ignition sources.	
	No flares, smoking or flames in hazard area. Avoid breathing vapor or mist.	
	Provide adequate ventilation. Wear appropriate respirator when ventilation is	
	inadequate. Put on appropriate personal protective equipment.	

SECTION 6: Accidental release measures		
For emergency responders	: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".	
6.2 Environmental precautions	: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).	
6.3 Methods and materials for	r containment and cleaning up	
Small spill	: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.	
Large spill	: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.	
6.4 Reference to other sections	: See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.	

### **SECTION 7: Handling and storage**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

#### 7.1 Precautions for safe handling

Protective measures	: Put on appropriate personal protective equipment (see Section 8). Do not breathe vapor or mist. Do not ingest. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

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

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

#### Seveso Directive - Reporting thresholds

#### Danger criteria

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S	ECTION 7: Handling and storage		
		Notification and MAPP threshold	Safety report threshold
	P5c	5000 tonne	50000 tonne

#### 7.3 Specific end use(s)

Recommendations	: Not available.
Industrial sector specific	: Not available.
solutions	

### **SECTION 8: Exposure controls/personal protection**

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

#### 8.1 Control parameters

#### **Occupational exposure limits**

Product/ingredient name	Exposure limit values
n-butyl acetate	<ul> <li>DFG MAC-values list (Germany, 7/2019).</li> <li>PEAK: 960 mg/m<sup>3</sup>, 4 times per shift, 15 minutes.</li> <li>PEAK: 200 ppm, 4 times per shift, 15 minutes.</li> <li>TWA: 480 mg/m<sup>3</sup> 8 hours.</li> <li>TWA: 100 ppm 8 hours.</li> <li>TRGS 900 OEL (Germany, 3/2020).</li> <li>TWA: 300 mg/m<sup>3</sup> 8 hours.</li> <li>TWA: 62 ppm 8 hours.</li> <li>PEAK: 600 mg/m<sup>3</sup> 15 minutes.</li> <li>PEAK: 124 ppm 15 minutes.</li> </ul>
Reaction mass of ethylbenzene and xylene	<ul> <li>DFG MAC-values list (Germany, 7/2019). Absorbed through skin.</li> <li>PEAK: 440 mg/m<sup>3</sup>, 4 times per shift, 15 minutes.</li> <li>PEAK: 100 ppm, 4 times per shift, 15 minutes.</li> <li>TWA: 220 mg/m<sup>3</sup> 8 hours.</li> <li>TWA: 50 ppm 8 hours.</li> <li>TRGS 900 OEL (Germany, 3/2020). Absorbed through skin.</li> <li>PEAK: 880 mg/m<sup>3</sup> 15 minutes.</li> <li>PEAK: 200 ppm 15 minutes.</li> <li>TWA: 440 mg/m<sup>3</sup> 8 hours.</li> <li>TWA: 440 mg/m<sup>3</sup> 8 hours.</li> <li>TWA: 100 ppm 8 hours.</li> </ul>
2-methoxy-1-methylethyl acetate	<ul> <li>TRGS 900 OEL (Germany, 6/2018).</li> <li>TWA: 270 mg/m<sup>3</sup> 8 hours.</li> <li>PEAK: 270 mg/m<sup>3</sup> 15 minutes.</li> <li>TWA: 50 ppm 8 hours.</li> <li>PEAK: 50 ppm 15 minutes.</li> <li>DFG MAC-values list (Germany, 7/2018).</li> <li>TWA: 50 ppm 8 hours.</li> <li>PEAK: 50 ppm, 4 times per shift, 15 minutes.</li> <li>TWA: 270 mg/m<sup>3</sup> 8 hours.</li> <li>PEAK: 270 mg/m<sup>3</sup>, 4 times per shift, 15 minutes.</li> </ul>
cyclohexanone methyl methacrylate	<ul> <li>TRGS 900 OEL (Germany, 3/2020). Absorbed through skin.</li> <li>PEAK: 80 mg/m<sup>3</sup> 15 minutes.</li> <li>PEAK: 20 ppm 15 minutes.</li> <li>TWA: 80 mg/m<sup>3</sup> 8 hours.</li> <li>TWA: 20 ppm 8 hours.</li> <li>DFG MAC-values list (Germany, 7/2019). Absorbed through skin.</li> <li>DFG MAC-values list (Germany, 7/2019). Skin sensitizer.</li> </ul>
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SECTION 8: Exposu	e controls/personal protection
	PEAK: 420 mg/m <sup>3</sup> , 4 times per shift, 15 minutes. PEAK: 100 ppm, 4 times per shift, 15 minutes. TWA: 210 mg/m <sup>3</sup> 8 hours. TWA: 50 ppm 8 hours. <b>TRGS 900 OEL (Germany, 3/2020).</b> PEAK: 420 mg/m <sup>3</sup> 15 minutes. PEAK: 100 ppm 15 minutes. TWA: 210 mg/m <sup>3</sup> 8 hours. TWA: 50 ppm 8 hours.
cumene	<ul> <li>DFG MAC-values list (Germany, 7/2019). Absorbed through skin.</li> <li>PEAK: 200 mg/m³, 4 times per shift, 15 minutes.</li> <li>PEAK: 40 ppm, 4 times per shift, 15 minutes.</li> <li>TWA: 50 mg/m³ 8 hours.</li> <li>TWA: 10 ppm 8 hours.</li> <li>TRGS 900 OEL (Germany, 3/2020). Absorbed through skin.</li> <li>PEAK: 200 mg/m³ 15 minutes.</li> <li>PEAK: 40 ppm 15 minutes.</li> <li>TWA: 50 mg/m³ 8 hours.</li> <li>TWA: 10 ppm 8 hours.</li> </ul>
Recommended monitoring procedures	: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be

#### **DNELs/DMELs**

Product/ingredient name	Туре	Exposure	Value	Population	Effects
n-butyl acetate	DNEL	Long term Oral	3.4 mg/kg	General	Systemic
			bw/day	population	
	DNEL	Long term Dermal	3.4 mg/kg	General	Systemic
			bw/day	population	
	DNEL	Long term Dermal	7 mg/kg bw/day	Workers	Systemic
	DNEL	Long term	12 mg/m <sup>3</sup>	General	Systemic
		Inhalation		population	
	DNEL	Long term	48 mg/m <sup>3</sup>	Workers	Systemic
		Inhalation	-		
	DNEL	Long term	102.34 mg/	General	Local
		Inhalation	m³	population	
	DNEL	Long term	480 mg/m <sup>3</sup>	Workers	Local
		Inhalation	_		
	DNEL	Short term	859.7 mg/	General	Local
		Inhalation	m³	population	
	DNEL	Short term	859.7 mg/	General	Systemic
		Inhalation	m³	population	
	DNEL	Short term	960 mg/m³	Workers	Local
		Inhalation			
	DNEL	Short term Inhalation	960 mg/m <sup>3</sup>	Workers	Systemic
Reaction mass of ethylbenzene an	d DNEL	Long term Oral	1.6 mg/kg	General	Systemic
xylene			bw/day	population	5
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required.

SECTION 8: Exposure controls/personal protection						
	DNEL	Long term	14.8 mg/m <sup>3</sup>	General	Systemic	
		Inhalation		population		
	DNEL	Long term Inhalation	77 mg/m³	Workers	Systemic	
	DNEL	Long term Dermal	108 mg/kg bw/day	General population	Systemic	
	DNEL	Long term Dermal	180 mg/kg bw/day	Workers	Systemic	
	DNEL	Short term	289 mg/m <sup>3</sup>	Workers	Local	
	DNEL	Inhalation Short term	289 mg/m³	Workers	Systemic	
cyclohexanone	DNEL	Inhalation Short term Dermal	1 mg/kg	General	Systemic	
	DNEL	Long term Dermal	bw/day 1 mg/kg	population General	Systemic	
	DNEL	Short term Oral	bw/day 1.5 mg/kg	population General	Systemic	
	DNEL	Long term Oral	bw/day 1.5 mg/kg	population General	Systemic	
			bw/day	population		
	DNEL	Short term Dermal	4 mg/kg bw/day	Workers	Systemic	
	DNEL	Long term Dermal	4 mg/kg bw/day	Workers	Systemic	
	DNEL	Long term	10 mg/m³	General	Systemic	
		Inhalation		population		
	DNEL	Long term	20 mg/m³	General	Local	
		Inhalation	20	population	Cyrotanai -	
	DNEL	Short term	20 mg/m <sup>3</sup>	General	Systemic	
	DNEL	Inhalation Short term	40 mg/m <sup>3</sup>	population General	Local	
		Inhalation	+o mg/m	population	LUCAI	
	DNEL	Long term	40 mg/m³	Workers	Local	
		Inhalation	10 mg/m			
	DNEL	Long term Inhalation	40 mg/m³	Workers	Systemic	
	DNEL	Short term Inhalation	80 mg/m³	Workers	Local	
	DNEL	Short term Inhalation	80 mg/m³	Workers	Systemic	
methyl methacrylate	DNEL	Long term Dermal	8.2 mg/kg bw/day	General population	Systemic	
	DNEL	Long term Dermal	13.67 mg/ kg bw/day	Workers	Systemic	
	DNEL	Long term	74.3 mg/m <sup>3</sup>	General	Systemic	
		Inhalation	,	population		
	DNEL	Long term	104 mg/m <sup>3</sup>	General	Local	
	<b>_</b>	Inhalation		population		
	DNEL	Long term Inhalation	208 mg/m <sup>3</sup>	Workers	Local	
	DNEL	Long term Inhalation	208 mg/m <sup>3</sup>	Workers	Systemic	
cumene	DNEL	Long term Dermal	1.2 mg/kg bw/day	General population	Systemic	
	DNEL	Long term Oral	5 mg/kg bw/day	General population	Systemic	
	DNEL	Long term Dermal	15.4 mg/ kg bw/day	Workers	Systemic	
	DNEL	Long term Inhalation	16.6 mg/m <sup>3</sup>	General population	Systemic	
	DNEL	Long term Inhalation	100 mg/m³	Workers	Systemic	
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SECTION 8: Exposu	re cont	rols/p	ersonal pro	tection		
		DNEL	Short term	250 mg/m <sup>3</sup>	Workers	Local
			Innalation			
PNECs No PNECs available.						
8.2 Exposure controls						
Appropriate engineering controls	venti conta contr	lation or aminants ols also	adequate ventilat other engineering below any recom need to keep gas its. Use explosior	controls to kee mended or stat vapor or dust o	p worker expos utory limits. Th concentrations b	ure to airborne e engineering
Individual protection meas	ures					
Hygiene measures	befor Appr Was	e eating opriate t h contan	echniques should	ng the lavatory a be used to rem efore reusing. E	and at the end o ove potentially o Ensure that eyes	mical products, of the working period. contaminated clothing. wash stations and
Eye/face protection	: Safe asse gase	ty eyewe ssment i s or dus ss the as	ear complying with ndicates this is ne ts. If contact is po	an approved st cessary to avoi ssible, the follo	andard should l d exposure to li wing protection	be used when a risk quid splashes, mists, should be worn, n: chemical splash
Skin protection	0.00					
Hand protection	be w this is chec shou differ seve estim Whe prote recon Whe (brea Reco	orn at al s necess k during ld be no ent for d ral subst nated. n prolon ection cla mmende n only br akthroug ommend es shoul	I times when hand sary. Considering use that the glove ted that the time to lifferent glove mar ances, the protec ged or frequently it iss of 6 (breakthro d. Recommende rief contact is expen- h time >30 minute ed gloves: Nitrile,	ling chemical pri the parameters are still retain b breakthrough infacturers. In t tion time of the g epeated contact ugh time >480 r d gloves: Viton ( ected, a glove w s according to E thickness ≥ 0.12	roducts if a risk specified by th ing their protect for any glove m he case of mixt gloves cannot b t may occur, a minutes accord ® or Nitrile, thic ith protection cl EN374) is recon 2 mm.	aterial may be ures, consisting of be accurately glove with a ing to EN374) is kness ≥ 0.38 mm. ass of 2 or higher
	chen	nical dan	ance or effectivene nage and poor ma st check that the f	intenance.		d by physical/ cted for handling this
	prod	uct is the		and takes into	account the par	rticular conditions of
Body protection	: Pers being befor wear disch Euro	onal prot g perforn e handli anti-sta arges, c pean Sta	tective equipment ned and the risks ng this product. V tic protective cloth	for the body sho nvolved and sho Vhen there is a ing. For the gre lude anti-static o or further inform	ould be selected ould be approve risk of ignition f eatest protection overalls, boots a	rom static electricity, n from static and gloves. Refer to
Other skin protection	selec	ted base	ootwear and any a ed on the task bei a specialist before	ng performed ar	nd the risks invo	ures should be blved and should be
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# SECTION 8: Exposure controls/personal protection

Respiratory protection	: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.
Environmental exposure controls	: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

# **SECTION 9: Physical and chemical properties**

9.1 Information on basic physica	l a	nd chemical properties
<u>Appearance</u>		
Physical state	:	Liquid.
Color	:	Blue.
Odor	:	Characteristic.
Odor threshold	:	Not available.
рН	:	Not available.
Melting point/freezing point	:	Not available.
Initial boiling point and boiling range	:	Not available.
Flash point	:	Closed cup: 28°C
Evaporation rate	:	Not available.
Flammability (solid, gas)	:	Not available.
Upper/lower flammability or explosive limits	:	Not available.
Vapor pressure	:	Not available.
Vapor density	:	Highest known value: 4.6 (Air = 1) (2-methoxy-1-methylethyl acetate). Weighted average: 4.06 (Air = 1)
Density	:	1.144 g/cm³
Solubility(ies)	:	Insoluble in the following materials: cold water.
Partition coefficient: n-octanol/ water	:	Not available.
Auto-ignition temperature	:	Not available.
Decomposition temperature	:	Not available.
Viscosity	:	Kinematic (room temperature): 8.74 cm²/s Kinematic (40°C): 1.01 cm²/s

SECTION 10: Stability and reactivity						
10.1 Reactivity	: No specific test data related to reactivity available for this product or its ingredients.					
10.2 Chemical stability	The product is stable.					
10.3 Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.					
10.4 Conditions to avoid	: Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.					
10.5 Incompatible materials	: Reactive or incompatible with the following materials: oxidizing materials					
Date of issue/Date of revision	: 1-10-2022	Version : 1				
Date of previous issue	: No previous validation	11/21	AkzoNobel			

### **SECTION 10: Stability and reactivity**

10.6 Hazardous decomposition products

: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### **SECTION 11: Toxicological information**

#### 11.1 Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
n-butyl acetate	LC50 Inhalation Gas.	Rat	390 ppm	4 hours
	LC50 Inhalation Vapor	Mouse	6 g/m³	2 hours
	LD50 Dermal	Rabbit	>17600 mg/kg	-
	LD50 Intraperitoneal	Mouse	1230 mg/kg	-
	LD50 Oral	Guinea pig	4700 mg/kg	-
	LD50 Oral	Mouse	6 g/kg	-
	LD50 Oral	Rabbit	3200 mg/kg	-
	LD50 Oral	Rat	10768 mg/kg	-
Reaction mass of ethylbenzene and xylene	LC50 Inhalation Gas.	Rat	5000 ppm	4 hours
cyclohexanone	LC50 Inhalation Gas.	Rat	8000 ppm	4 hours
,	LD50 Dermal	Rabbit	1 mL/kg	-
	LD50 Intraperitoneal	Guinea pig	930 mg/kg	-
	LD50 Intraperitoneal	Mouse	1230 mg/kg	-
	LD50 Intraperitoneal	Mouse	1230 mg/kg	-
	LD50 Intraperitoneal	Rabbit	1540 mg/kg	-
	LD50 Intraperitoneal	Rabbit	1540 mg/kg	-
	LD50 Intraperitoneal	Rat	1130 mg/kg	-
	LD50 Intraperitoneal	Rat	1130 mg/kg	-
	LD50 Oral	Mouse	1400 mg/kg	-
	LD50 Oral	Rat	1800 mg/kg	-
	LD50 Oral	Rat	1620 uL/kg	-
	LD50 Subcutaneous	Rat	2170 mg/kg	-
methyl methacrylate	LC50 Inhalation Vapor	Mouse	18500 mg/m <sup>3</sup>	2 hours
	LC50 Inhalation Vapor	Rat	78000 mg/m <sup>3</sup>	4 hours
	LD50 Dermal	Rabbit	>5 g/kg	-
	LD50 Intraperitoneal	Guinea pig	1890 mg/kg	_
	LD50 Intraperitoneal	Mouse	945 mg/kg	_
	LD50 Intraperitoneal	Rat	1328 mg/kg	_
	LD50 Oral	Guinea pig	5954 mg/kg	
	LD50 Oral	Mouse	3625 mg/kg	_
	LD50 Oral	Rabbit	8700 mg/kg	
	LD50 Oral	Rat	7872 mg/kg	_
	LD50 Subcutaneous	Guinea pig	5954 mg/kg	
	LD50 Subcutaneous	Mouse	5954 mg/kg	
	LD50 Subcutaneous	Rat	7088 mg/kg	
cumene	LC50 Inhalation Vapor	Mouse	15300 mg/m <sup>3</sup>	2 hours
	LC50 Inhalation Vapor	Mouse	10 g/m <sup>3</sup>	7 hours
	LC50 Inhalation Vapor	Mouse	10000 mg/m <sup>3</sup>	7 hours
	LC50 Inhalation Vapor	Rat	39000 mg/m <sup>3</sup>	4 hours
	LD50 Dermal	Rabbit	12300 uL/kg	
	LD50 Oral	Mouse	12750 mg/kg	-
	LD50 Oral	Rat	2.9 g/kg	
	LD50 Oral	Rat	1400 mg/kg	-
Conclusion/Summany		ivat	1400 mg/kg	-

Conclusion/Summary

: Not available.

#### Irritation/Corrosion



# **SECTION 11: Toxicological information**

Product/ingredient name	Result	Species	Score	Exposure	Observation
n-butyl acetate	Eyes - Moderate irritant	Rabbit	-	100 mg	-
-	Skin - Moderate irritant	Rabbit	-	24 hours 500	-
				mg	
Reaction mass of	Eyes - Mild irritant	Rabbit	-	87 mg	-
ethylbenzene and xylene					
	Eyes - Severe irritant	Rabbit	-	24 hours 5	-
	Chin Mild instant	Det		mg	
	Skin - Mild irritant Skin - Moderate irritant	Rat Rabbit	-	8 hours 60 UI 24 hours 500	-
	Skill - Moderate Initalit	Rabbit	-	mg	-
	Skin - Moderate irritant	Rabbit	-	100 %	_
cyclohexanone	Eyes - Severe irritant	Rabbit	_	24 hours 250	-
				ug	
	Eyes - Severe irritant	Rabbit	-	20 mg	-
	Skin - Mild irritant	Rabbit	-	500 mg	-
cumene	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
	Eyes - Mild irritant	Rabbit	-	86 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 10	-
		D. L. Y		mg	
	Skin - Moderate irritant	Rabbit	-	24 hours 100	-
				mg	
Conclusion/Summary	: Not available.				
<u>Sensitization</u>					
Conclusion/Summary	: Not available.				
Mutagenicity					
Conclusion/Summary					
•	: Not available.				
<u>Carcinogenicity</u>					
Conclusion/Summary	: Not available.				
Reproductive toxicity					
Conclusion/Summary	: Not available.				
Teratogenicity					
• •	- NI - 4 11 - 11				
Conclusion/Summary	<ul> <li>Not available</li> </ul>				

#### Conclusion/Summary : Not available. Specific target organ toxicity (single exposure)

Product/ingredient name	Category	Route of exposure	Target organs
n-butyl acetate Reaction mass of ethylbenzene and xylene	Category 3 Category 3	-	Narcotic effects Respiratory tract irritation
2-methoxy-1-methylethyl acetate methyl methacrylate	Category 3 Category 3	-	Narcotic effects Respiratory tract irritation

#### Specific target organ toxicity (repeated exposure)

Product/ingredient name	Category	Route of exposure	Target organs
Reaction mass of ethylbenzene and xylene	Category 2	-	-

#### Aspiration hazard

Product	/ingredient name	Result	
Reaction mass of ethylbenzene and xylene Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics		ASPIRATION HAZARD - Category 1 ASPIRATION HAZARD - Category 1	
Date of issue/Date of revision	: 1-10-2022	Version :1	Alzablahal

Date of previous issue



# **SECTION 11: Toxicological information**

Information on the likely routes of exposure	:	Not available.
Potential acute health effects	<u>.</u>	
Eye contact	:	Causes serious eye irritation.
Inhalation	:	Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.
Skin contact	:	Causes skin irritation.
Ingestion	:	Can cause central nervous system (CNS) depression.
Symptoms related to the phy	sic	cal, chemical and toxicological characteristics
Eye contact	:	Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	:	Adverse symptoms may include the following: nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness
Skin contact		Adverse symptoms may include the following: irritation redness
Ingestion	:	No specific data.
Delayed and immediate effec	ts	and also chronic effects from short and long term exposure
Short term exposure		
Potential immediate effects	:	Not available.
Potential delayed effects	:	Not available.
Long term exposure Potential immediate effects	:	Not available.
Potential delayed effects	:	Not available.
Potential chronic health effe	ect	<u>s</u>
Not available.		
Conclusion/Summary	:	Not available.
General	:	May cause damage to organs through prolonged or repeated exposure.
Carcinogenicity	:	No known significant effects or critical hazards.
Mutagenicity	:	No known significant effects or critical hazards.
Reproductive toxicity	:	No known significant effects or critical hazards.
Other information	:	Not available.



# **SECTION 12: Ecological information**

#### 12.1 Toxicity

There are no data available on the mixture itself. Do not allow to enter drains or watercourses.

The mixture has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is not classified as hazardous to the environment, but contains substance(s) hazardous to the environment. See section 3 for details.

edient name Result		Species	Exposure
e Acute LC50 32 r	ng/l Marine water	Crustaceans - Artemia salina	48 hours
Acute LC50 100	000 μg/l Fresh water	Fish - Lepomis macrochirus	96 hours
Acute LC50 180	00 µg/l Fresh water	Fish - Pimephales promelas	96 hours
Acute LC50 185	000 µg/l Marine water	Fish - Menidia beryllina	96 hours
Acute LC50 620	00 µg/l Fresh water	Fish - Danio rerio	96 hours
	00 µg/l Fresh water	Fish - Pimephales promelas	96 hours
	9 mg/l Fresh water	Algae - Chlamydomonas	72 hours
	fing/in resin water	reinhardtii - Exponential growth	72 110013
Acute L C50 630	000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
	000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
	000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
	000 µg/l Fresh water	Fish - Lepomis macrochirus -	96 hours
	000 μg/i i resii watei	Juvenile (Fledgling, Hatchling, Weanling)	30 110013
Acute LC50 159	100 µg/l Fresh water	Fish - Pimephales promelas	96 hours
	200 µg/l Fresh water	Fish - Pimephales promelas	96 hours
	000 µg/l Fresh water	Fish - Pimephales promelas - Adult	96 hours
Acute LC50 130	000 µg/l Fresh water	Fish - Pimephales promelas - Adult	96 hours
Acute EC50 260	0 μg/l Fresh water	Algae - Pseudokirchneriella subcapitata	72 hours
Acute EC50 7.4	mg/l Marine water	Crustaceans - Artemia sp Nauplii	48 hours
Acute EC50 7.5	mg/l Marine water	Crustaceans - Artemia sp Nauplii	48 hours
Acute EC50 10.6	β mg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
Acute EC50 10.6	მ mg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
Acute EC50 11.2	2 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
Acute LC50 7.4	mg/l Marine water	Crustaceans - Artemia sp	48 hours
Acute LC50 8 m	g/l Marine water	Crustaceans - Artemia sp	48 hours
Acute LC50 20.3	8 mg/l Fresh water	Daphnia - Daphnia magna -	48 hours
Acute LC50 20.3	8 mg/l Fresh water	Daphnia - Daphnia magna -	48 hours
Acute LC50 632	0.ug/l Fresh water		96 hours
		Fish - Poecilia reticulata	96 hours
			96 hours
Acute LC50 8 m Acute LC50 20.3 Acute LC50 20.3 Acute LC50 632 Acute LC50 510	g/l Marine water 8 mg/l Fresh water	Nauplii Crustaceans - Artemia sp Nauplii Daphnia - Daphnia magna - Neonate	- - S

Conclusion/Summary

: Not available.

#### 12.2 Persistence and degradability

**Conclusion/Summary** : Not available.



# **SECTION 12: Ecological information**

#### 12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
n-butyl acetate	2.3	-	low
Reaction mass of ethylbenzene and xylene	3.12	8.1 to 25.9	low
2-methoxy-1-methylethyl acetate	1.2	-	low
cyclohexanone	0.86	-	low
methyl methacrylate	1.38	-	low
cumene	3.55	35.48	low

12.4 Mobility in soil	
Soil/water partition coefficient (Koc)	: Not available.
Mobility	: Not available.

#### 12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

#### 12.6 Other adverse effects : No known significant effects or critical hazards.

### **SECTION 13: Disposal considerations**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

#### 13.1 Waste treatment methods

<u>Product</u>	
Methods of disposal	: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non- recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.
Hazardous waste	: The classification of the product may meet the criteria for a hazardous waste.
Disposal considerations	: Do not allow to enter drains or watercourses. Dispose of according to all federal, state and local applicable regulations. If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned. For further information, contact your local waste authority.

#### European waste catalogue (EWC)

The European Waste Catalogue classification of this product, when disposed of as waste, is:

Waste code	Waste designation		
EWC 08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances		
Packaging			
Methods of disposal	: The generation of waste should packaging should be recycled. when recycling is not feasible.		•
Disposal considerations	<ul> <li>Using information provided in this safety data sheet, advice should be obtained from the relevant waste authority on the classification of empty containers. Empty containers must be scrapped or reconditioned. Dispose of containers contaminated by the product in accordance with local or national legal provisions.</li> </ul>		
ate of issue/Date of revision	: 1-10-2022	Version : 1	
ate of previous issue	: No previous validation	16/21	AkzoNobel

### **SECTION 13: Disposal considerations**

Special precautions
 This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

### **SECTION 14: Transport information**

	ADR/RID	IMDG	IATA
14.1 UN number	UN1263	UN1263	UN1263
14.2 UN proper shipping name	PAINT	PAINT	PAINT
14.3 Transport hazard class(es)	3	3	3
14.4 Packing group		111	111
14.5 Environmental hazards	No.	No.	No.

#### **Additional information**

IMDG

ADR/RID	: Viscous liquid exception This class 3 viscous liquid is not subject to regulation in
	packagings up to 450 L according to 2.2.3.1.5.1.
	Tunnel code (D/E)

Emergency schedules F-E, \_S-E\_
 <u>Viscous liquid exception</u> This class 3 viscous liquid is not subject to regulation in packagings up to 450 L according to 2.3.2.5.

**14.6 Special precautions for user**: **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Transport in bulk	: Not applicable.
according to IMO	
instruments	

### **SECTION 15: Regulatory information**

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture <u>EU Regulation (EC) No. 1907/2006 (REACH)</u>

#### Annex XIV - List of substances subject to authorization

#### Annex XIV

None of the components are listed.

#### Substances of very high concern

None of the components are listed.



# SECTION 15: Regulatory information

0	
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	: Not applicable.
Other EU regulations	
VOC	: The provisions of Directive 2004/42/EC on VOC apply to this product. Refer to the product label and/or technical data sheet for further information.
VOC for Ready-for-Use Mixture	: Not applicable.
Industrial emissions (integrated pollution prevention and control) - Air	: Not listed
Industrial emissions (integrated pollution prevention and control) - Water	: Not listed
Ozone depleting substance	es (1005/2009/EU)
Not listed.	
Prior Informed Consent (Pl Not listed.	<u>C) (649/2012/EU)</u>
Seveso Directive	

This product is controlled under the Seveso Directive.

#### Danger criteria

Category	
P5c	

#### National regulations

Industrial use

: The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product at work.

Product/ingredient name	List name	Name on list	Classification	Notes
n-butyl acetate	DFG MAC-values list	n-Butyl acetate	Listed	-
Reaction mass of ethylbenzene and xylene	DFG MAC-values list	Xylene (all isomers)	Listed	-
2-methoxy-1-methylethyl acetate	DFG MAC-values list	1-Methoxypropyl- 2-acetate; Propylene glycol 1-methyl ether- 2-acetate	Listed	-
cyclohexanone	DFG MAC-values list	Cyclohexanone	K3	-
methyl methacrylate	DFG MAC-values list	Methyl methacrylate; Methacrylic acid methyl ester	Listed	-
cumene	DFG MAC-values list	Isopropylbenzene; Cumene	K3	-

### Storage class (TRGS 510) : 3

#### Hazardous incident ordinance

Hazard class for water : 2



SECTION 15: Regula	atory information
Technical instruction on air quality control	: TA-Luft Number 5.2.5: 50.7% TA-Luft Class III - Number 5.2.2: 6%
AOX	: The product contains organically bound halogens and can contribute to the AOX value in waste water.
International regulations	
Chemical Weapon Conven Not listed.	ition List Schedules I, II & III Chemicals
Montreal Protocol Not listed.	
Stockholm Convention on Not listed.	Persistent Organic Pollutants
Rotterdam Convention on Not listed.	Prior Informed Consent (PIC)
UNECE Aarhus Protocol of Not listed.	n POPs and Heavy Metals
<u>Inventory list</u> Europe	: Not determined.
15.2 Chemical Safety Assessment	: No Chemical Safety Assessment has been carried out.
SECTION 16: Other	information
Indicates information that	has changed from previously issued version.
Abbreviations and	: ATE = Acute Toxicity Estimate

Appreviations and	. ATE – Acule Toxicity Estimate
acronyms	CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No.
-	1272/2008]
	DMEL = Derived Minimal Effect Level
	DNEL = Derived No Effect Level
	EUH statement = CLP-specific Hazard statement
	N/A = Not available
	PBT = Persistent, Bioaccumulative and Toxic
	PNEC = Predicted No Effect Concentration
	RRN = REACH Registration Number
	SGG = Segregation Group
	vPvB = Very Persistent and Very Bioaccumulative
	5

#### Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Flam. Liq. 3, H226	On basis of test data
Skin Irrit. 2, H315	Calculation method
Eye Irrit. 2, H319	Calculation method
STOT SE 3, H336	Calculation method
STOT RE 2, H373	Calculation method

#### Full text of abbreviated H statements



<b>SECTION 16: Other</b>	information
H225	Highly flammable liquid and vapor.
H226	Flammable liquid and vapor.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
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.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.
Full text of classifications	CLP/GHS]
Acute Tox. 4	ACUTE TOXICITY - Category 4
Aquatic Chronic 2	AQUATIC HAZARD (LONG-TERM) - Category 2
Aquatic Chronic 3	AQUATIC HAZARD (LONG-TERM) - 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
Skin Irrit. 2	SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1	SKIN SENSITIZATION - Category 1
STOT RE 2	SPECIFIC TARGET ORGAN TOXICITY (REPEATED
	EXPOSURE) - Category 2
STOT SE 3	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) -
	Category 3
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Notice to reader	

#### Notice to reader

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IMPORTANT NOTE The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advice given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

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