

# SAFETY DATA SHEET

COLOROBBIA ITALIA S.P.A.					HTL0	000003
Date of printing	:	22.10.2024	Date of issue	:	06.07.2024	Issue/Revision : 4.0

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

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

**1.1** Product identifier

Product name UFI	•	HTL000003 AHG3-3049-000W-62H6
Product code Other means of identification	:	000000000010057857 HTL000003-H002

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

:

Uses advised against

**Identified uses** 

Third firing decoration in the glass/ceramics/porcelain sectorsThird firing decoration in the glass/ceramics/porcelain sectors

Uses advised against Not applicable.

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

COLOROBBIA ITALIA S.P.A. Indirizzo via Pietramarina 53 Località e Stato 50053 Sovigliana - Vinci (FI) Italia tel. +39 0571 7091 fax +39 0571 709.850

e-mail address of person : <u>QHSE@colorobbia.it</u> responsible for this SDS 1.4 Emergency telephone number

#### National advisory body/Poison Center

**Telephone number** 

+39 011 6637637 (Torino), +39 02 66101029 (Milano), +39 0382 24444; (Pavia). +39 049 8275078 (Padova), +390105636245 (Genova), +39055 4277238 (Firenze), +39 06 30.54343 (Roma), +39 06 49970698 (Roma), +39081 7472870 (Napoli)

Version:	4.0
----------	-----

Date of issue/Date of revision: 06.07.2024

:



Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878 HTL--000003-H002 Page: 2/25

### **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]

:

Skin Irrit. 2, H315 Skin Sens. 1, H317 Repr. 1B, H360 STOT SE 3, H335 (Respiratory tract irritation) Aquatic Chronic 3, H412

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

#### 2.2 Label elements

Hazard pictograms	:	
Signal word Hazard statements	:	Danger H315 Causes skin irritation. H317 May cause an allergic skin reaction. H335 May cause respiratory irritation. H360 May damage fertility or the unborn child. H412 Harmful to aquatic life with long lasting effects.
Precautionary statements		
General	:	P103 - Read carefully and follow all instructions.P102 - Keep out of reach of children.P101 - If medical advice is needed, have product container or label at hand.
Prevention	:	<ul> <li>P201 - Obtain special instructions before use. P280 - Wear protective gloves, protective clothing, eye protection, face protection, or hearing protection. P271 - Use only outdoors or in a well-ventilated area.</li> <li>P273 - Avoid release to the environment. P261 - Avoid breathing vapor. P264 - Wash thoroughly after handling.</li> </ul>
Response	:	P308 - IF exposed or concerned: P308 + P313 - Get medical advice or attention. P304 - IF INHALED: P304 + P312 - Call a POISON CENTER or doctor if you feel unwell. P362 + P364 - Take off contaminated clothing and wash it before reuse. P302 - IF ON SKIN: P302 + P352 - Wash with plenty of water. P333 - If skin irritation or rash occurs: P333 + P313 - Get medical advice or attention.
Storage	:	P405 - Store locked up.P403 + P233 - Store in a well-ventilated
Disposal	:	place. Keep container tightly closed. P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

Version: 4.0

Date of issue/Date of revision:

06.07.2024



Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878 HTL--000003-H002 Page: 3/25

Hazardous ingredients	:	cyclohexanol turpentine, oil bornan-2-one 4-methylpentan-2-one dipentene linalool Eucalyptus globulus, ext. cineole
Supplemental label elements	:	Not applicable.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	:	Restricted to professional users.
<u>Special packaging requirements</u> Containers to be fitted with child-resistant fastenings	:	Yes, applicable.
Tactile warning of danger	:	Yes, applicable.
2 Other harrows		

#### 2.3 Other hazards

Product meets the criteria<br/>for PBT or vPvB: This mixture does not contain any substances that are assessed to be a PBT or a<br/>vPvB.according to Regulation<br/>(EC) No. 1907/2006,<br/>Annex XIII<br/>Other hazards which do<br/>not result in classification: None known.

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

3.2 Mixtures	:	Mixture			
Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M- factors and ATEs	Туре
cyclohexanol	EC : 203-630-6 CAS : 108-93-0 Index: 603-009-00-3	>= 10 - <= 25	Acute Tox. 4, H302 Acute Tox. 4, H332 Skin Irrit. 2, H315 STOT SE 3, H335 (Respiratory tract irritation)	ATE [Oral] = 1.400 mg/kg ATE [Inhalation (vapours)] = 11 mg/l	[1]
trioctyl borate	EC : 219-580-3 CAS : 2467-12-1	> 0 - <= 3	Eye Irrit. 2, H319	-	[1]
turpentine, oil	EC : 232-350-7 CAS : 8006-64-2	> 0 - <= 1,8	Flam. Liq. 3, H226 Acute Tox. 4, H302 Acute Tox. 4, H312	ATE [Oral] = 500 mg/kg ATE [Dermal] = 1.100 mg/kg ATE [Inhalation (vapours)] =	[1]

Version: 4.0

Date of issue/Date of revision: 06

on: 06.07.2024



	Index: 650-002-00-6		Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411	13,7 mg/l	
Gilsonite	CAS : 12002-43-6	> 0 - <= 1	Aquatic Acute 1, H400 Aquatic Chronic 1, H410	M [Acute] = 1 M [Chronic] = 1	[1]
bornan-2-one	EC : 200-945-0 CAS : 76-22-2	> 0 - < 1	Flam. Sol. 2, H228 Skin Sens. 1, H317 STOT RE 1, H372 Aquatic Chronic 4, H413	-	[1]
4-methylpentan-2-one	EC : 203-550-1 CAS : 108-10-1 Index: 606-004-00-4	> 0 - <= 0,64	Flam. Liq. 2, H225 Acute Tox. 4, H332 Eye Irrit. 2, H319 Carc. 2, H351 STOT SE 3, H336 (Narcotic effects)	ATE [Inhalation (vapours)] = 11 mg/l	[1] [2]
dipentene	EC : 205-341-0 CAS : 138-86-3 Index: 601-029-00-7	> 0 - <= 0,64	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	M [Acute] = 1 M [Chronic] = 1	[1]
linalool	EC : 201-134-4 CAS : 78-70-6 Index: 603-235-00-2	> 0 - <= 0,3	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317	-	[1]
Eucalyptus globulus, ext.	EC : 283-406-2 CAS : 84625-32-1	> 0 - <= 0,3	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411	-	[1]
cineole	EC : 207-431-5 CAS : 470-82-6	> 0 - <= 0,3	Flam. Liq. 3, H226 Skin Sens. 1, H317	-	[1]

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

Type

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

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

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

Version: 4.0

Date of issue/Date of revision: 06.07.2024

06.07.2024 Date of p



#### **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.
Skin contact	:	Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	:	Wash out mouth with water. Remove dentures if any. 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. 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. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

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

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

Eye contact	: Adverse symptoms may include the following: pain or irritation, watering, redness
Inhalation	: Adverse symptoms may include the following: respiratory tract irritation, coughing, reduced fetal weight, increase in fetal deaths, skeletal malformations
Skin contact	: Adverse symptoms may include the following: irritation, redness, reduced fetal weight, increase in fetal deaths, skeletal malformations
Ingestion	: Adverse symptoms may include the following: reduced fetal weight, increase in fetal deaths, skeletal malformations

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

Version:	4.0	Date of issue/Date of revision:	06.07.2024	Date of previous issue:	13.06.2023
		The state	COLOROBEL LANCE SINCE MIL		

Notes to physician	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	No specific treatment.

### **SECTION 5: Firefighting measures**

#### 5.1 Extinguishing media

Suitable extinguishing media Unsuitable extinguishing media	:	Use an extinguishing agent suitable for the surrounding fire. None known.
5.2 Special hazards arising from the	subst	ance or mixture
Hazards from the substance or mixture	:	In a fire or if heated, a pressure increase will occur and the container may burst. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
Hazardous combustion products	:	Decomposition products may include the following materials: carbon dioxide, carbon monoxide Decomposition products may include the following materials: carbon dioxide, carbon monoxide
<b>5.3</b> 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.
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 personnel For emergency responders	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary ar unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. If specialized clothing is required to deal with the spillage, take no of any information in Section 8 on suitable and unsuitable material See also the information in "For non-emergency personnel".	
6.2 Environmental precautions	Avoid dispersal of spilled material and runoff and contact with soi waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, se the of revision: 06.07.2024 Date of previous issue: 13.06.2023	



or air). Water polluting material. May be harmful to the environment if released in large quantities.

#### 6.3 Methods and materials for containment and cleaning up

Small spill	:	Stop leak if without risk. Move containers from spill area. 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. 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

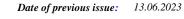
Protective measures	:	Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. 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

Version: 4.0

Date of issue/Date of revision:

06.07.2024





Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878 HTL--000003-H002 Page:8/25

Store in accordance with local regulations. 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. 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.

#### 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
4-methylpentan-2-one	EU OEL (2000-06-01).
	TWA 83 mg/m3 20 ppm
	STEL 208 mg/m3 50 ppm
	Legislative Decree No. 819/2008. Title IX. Protection from chemical
	agents, carcinogens and mutagens (2004-03-01).
	TWA 83 mg/m3 20 ppm
	STEL 208 mg/m3 50 ppm

#### **Biological exposure indices**

No exposure indices known.

Recommended monitoring : 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 required.

#### **DNELs/DMELs**

Product/i	ngredient name	Туре	Exposure	Value	Population	Effects
Version:	4.0 Dat	e of issue/Date of rev	ision: 06.07.2024	Date of	previous issue: 1	3.06.2023
			Store surce surce of			

cyclohexanol	DNEL	Long term Dermal	1,43 mg/kg bw/day	Workers	Systemic
	DNEL	Long term	0,716 mg/kg	General	Systemic
		Dermal	bw/day	population	
	DNEL	Long term	0,716 mg/kg	General	Systemic
		Oral	bw/day	population	
	DNEL	Long term	40,3 mg/m <sup>3</sup>	Workers	Systemic
		Inhalation			
	DNEL	Long term Inhalation	10 mg/m <sup>3</sup>	General population	Systemic
turpentine, oil	DNEL	Short term	1,6 mg/kg	Workers	Systemic
		Dermal	bw/day		
	DNEL	Long term	0,11 mg/kg	General	Systemic
		Oral	bw/day	population	-
	DNEL	Short term	51,6 mg/m <sup>3</sup>	Workers	Systemic
		Inhalation			2
	DNEL	Short term	10,3 mg/m <sup>3</sup>	Workers	Local
		Inhalation			
	DNEL	Long term	3,9 mg/m <sup>3</sup>	Workers	Local
		Inhalation	, 0		
	DNEL	Long term	3,17 mg/cm <sup>2</sup>	Workers	Local
		Dermal	, 0		
	DNEL	Short term	0,59 mg/kg	General	Systemic
		Oral	bw/day	population	5
	DNEL	Short term	0,12 mg/m <sup>3</sup>	General	Systemic
		Inhalation	-, 6	population	Jan
	DNEL	Short term	9,51 mg/cm <sup>2</sup>	Workers	Local
		Dermal	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	DNEL	Long term	0,78 mg/m <sup>3</sup>	Workers	Systemic
		Inhalation	-, B		Jan
	DNEL	Long term	1,17 mg/kg	Workers	Systemic
		Dermal	bw/day		2
	DNEL	Long term	0,018 mg/m <sup>3</sup>	General	Systemic
		Inhalation		population	2
	DNEL	Long term	0,417 mg/kg	General	Systemic
		Dermal	bw/day	population	5
4-methylpentan-2-one	DNEL	Long term	4,2 mg/kg	General	Systemic
• •		Oral	bw/day	population	-
	DNEL	Short term	208 mg/m <sup>3</sup>	Workers	Systemic
		Inhalation	C		-
	DNEL	Short term Inhalation	208 mg/m <sup>3</sup>	Workers	Local
	DNEL	Long term	83 mg/m <sup>3</sup>	Workers	Systemic
		Inhalation	C		2
	DNEL	Long term	83 mg/m <sup>3</sup>	Workers	Local
		Inhalation	6		
	DNEL	Long term	14,7 mg/m <sup>3</sup>	General	Systemic
		Inhalation	,	population	
	DNEL	Long term	14,7 mg/m <sup>3</sup>	General	Local
		Inhalation	,, <u>6</u> ,	population	
	DNEL	Long term	11,8 mg/kg	Workers	Systemic
		Dermal	bw/day		~ jstonno
	DNEL	Short term	155,2 mg/m <sup>3</sup>	General	Systemic

Version: 4.0

Date of issue/Date of revision: 06.07.2024



		Inhalation		population	
	DNEL	Short term	155,2 mg/m <sup>3</sup>	General	Local
		Inhalation		population	
bornan-2-one	DNEL	Long term	4,3478	General	Systemic
		Inhalation	mg/m <sup>3</sup>	population	·
	DNEL	Long term	17,6316	Workers	Systemic
		Inhalation	mg/m <sup>3</sup>		·
	DNEL	Long term	5 mg/kg	General	Systemic
		Dermal	bw/day	population	
	DNEL	Long term	5 mg/kg	General	Systemic
		Oral	bw/day	population	
	DNEL	Long term	10 mg/kg	Workers	Systemic
		Dermal	bw/day		
linalool	DNEL	Long term	3 mg/cm <sup>2</sup>	Workers	Local
		Dermal	-		
Eucalyptus globulus, ext.	DNEL	Long term	3,52 mg/m <sup>3</sup>	Workers	Systemic
		Inhalation			-
	DNEL	Long term	1 mg/kg	Workers	Systemic
		Dermal	bw/day		-
	DNEL	Long term	0,5 mg/kg	General	Systemic
		Dermal	bw/day	population	
	DNEL	Long term	0,5 mg/kg	General	Systemic
		Oral	bw/day	population	
	DNEL	Long term	0,87 mg/m <sup>3</sup>	General	Systemic
		Inhalation		population	
cineole	DNEL	Long term	1 mg/kg	General	Systemic
		Dermal	bw/day	population	
	DNEL	Long term	600 mg/kg	General	Systemic
		Oral	bw/day	population	-
	DNEL	Long term	7,05 mg/m <sup>3</sup>	Workers	Systemic
		Inhalation	_		
	DNEL	Long term	2 mg/kg	Workers	Systemic
		Dermal	bw/day		
	DNEL	Long term	1,74 mg/m <sup>3</sup>	General	Systemic
		Inhalation	-	population	-

PNECs No PNECs available.

#### 8.2 Exposure controls

Appropriate engineering control	fumes, g ventilatio	: Use only with adequate ventilation. If user operations generate of fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposur airborne contaminants below any recommended or statutory lim		
<b>Individual protection measures</b>			•	•
Hygiene measures	products end of th remove p clothing contamin	Wash hands, forearms and face thoroughly after handling chemi products, before eating, smoking and using the lavatory and at t end of the working period. Appropriate techniques should be us remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stati and safety showers are close to the workstation location.		
Version: 4.0 Date of	issue/Date of revision:	06.07.2024	Date of previous issue:	13.06.2023



Eye/face protection	:	It is recommended to wear a hooded visor or protective visor combined with airtight goggles (ref. Standard EN 166).
<u>Skin protection</u> Hand protection	:	Protect hands with category III work gloves (ref. Standard EN 374). For the final choice of the material of the work gloves it is necessary to consider: compatibility, degradation, breakage time and permeation. In the case of preparations, the resistance of work gloves to chemical agents must be checked before use as it is not foreseeable. Gloves have a wear time that depends on the duration and method of use.
Body protection	:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection	:	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
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. In case of exceeding the threshold value (e.g. TLV-TWA) of the substance or of one or more of the substances present in the product, it is recommended to wear a mask with type AX filter whose limit of use will be defined by the manufacturer (ref standard EN 14387). If there are gases or vapors of a different nature and / or gases or vapors with particles (aerosols, fumes, mists, etc.), combined filters must be provided. The use of respiratory protection means is necessary in case the technical measures adopted are not sufficient to limit the exposure of the worker to the threshold values taken into consideration. The protection offered by the masks is however limited. In the event that the substance in question is odorless or its olfactory threshold is higher than the relative TLV-TWA and in the event of an emergency, wear an open-circuit compressed air breathing apparatus (ref. Standard EN 137) or a self-contained breathing apparatus. outdoor air (ref. EN 138 standard). For the correct choice of the respiratory protection device, refer to the EN 529 standard.
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**

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

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

#### **Appearance**

Version: 4.0

Date of issue/Date of revision: 06.07.2024

06.07.2024 **I** 



Physical state Color Odor Odor threshold Melting point/freezing point Initial boiling point and boiling range	:::::::::::::::::::::::::::::::::::::::	liquid [liquid] Brown. Aromatic. Not available. < 10 °C (< 50 °F) > 100 °C (> 212 °F)	
Flammability	:	Non-flammable.	
Lower and upper explosion limit	:	<b>Lower:</b> Not available. <b>Upper:</b> Not available.	
Flash point	:	65 °C (149 °F)	
Auto-ignition temperature	:	Ingredient name	Auto-ignition temperature
		turpentine, oil	220 - 255 °C (428 - 491 °F)
		linalool	235 °C (455 °F)
		dipentene	236,67 °C (458,01 °F)
		(R)-p-mentha-1,8-diene	237 °C (459 °F)
		pin-2(3)-ene	255 °C (491 °F)
		cyclohexanol	300 °C (572 °F) 285 °C (545 °F)
		4-methylcyclohexanol, mixed isomers	295 °C (563 °F)
		cineole	300 °C (572 °F)
		3-methoxybutyl acetate	410 °C (770 °F)
		n-butyl acetate	415 °C (779 °F) (EU A.15)
		ethyl acetate	426,67 °C (800,01 °F)
		xylene	432 °C (810 °F)
			432 °C (810 °F)

Decomposition	temperature

pН

Viscosity

Not available. :

bornan-2-one

Product is non-polar/aprotic.

1-isopropyl-4-methylbenzene Aromatic hydrocarbons, C10

**Dynamic** : Not available. Kinematic : 90 mm2/s @ 30 °C (86 °F)

Version: 4.0 Date of issue/Date of revision:

:

:

06.07.2024

Date of previous issue: 13.06.2023

435 °C (815 °F)

466 °C (871 °F)

>400 °C (>752 °F)



Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878 HTL--000003-H002 Page: 13/25

Solubility in water

: insoluble

Partition coefficient: noctanol/water : Not applicable. The product is a mixture

Version: 4.0

Date of issue/Date of revision: 06.07.2024



Version: 4.0

:	Ingredient name	Vapor pressure
	ethyl acetate	108,78 hPa (@ 22,02 °C)
		(71,64 °F)
	ethanol	57,26 hPa (@ 19,6 °C) (67,3 °F)
	4-methylpentan-2-one	21 hPa (@ 20 °C) (68 °F)
	xylene	8,93 hPa (@ 21 °C) (70 °F)
	pin-2(3)-ene	8,51 hPa (@ 25 °C) (77 °F) (EU A.4) 6,9 hPa (@ 20 °C) (68 °F) (OECD 104)
	(-)-pin-2(3)-ene	8,51 hPa (@ 25 °C) (77 °F) 6,9 hPa (@ 20 °C) (68 °F)
	turpentine, oil	6,69 hPa (@ 25 °C) (77 °F) (EU A.4) 26 hPa (@ 25 °C) (77 °F) 5,19 hPa (@ 20 °C) (68 °F) (OECD 104)
	pin-2(10)-ene	3,54 hPa (@ 25 °C) (77 °F) (EU A.4) 2,73 hPa (@ 20 °C) (68 °F) (OECD 104)
	(R)-p-mentha-1,8-diene	2 hPa (@ 24,85 °C) (76,73 °F)
	1-isopropyl-4-methylbenzene	2 hPa (@ 20 °C) (68 °F)
	p-mentha-1,4(8)-diene	1,33 hPa (@ 25 °C) (77 °F) 1,01 hPa (@ 20 °C) (68 °F)
	cyclohexanol	1,3 hPa (@ 20 °C) (68 °F) 1,33 hPa
	cineole	1,22 hPa (@ 20 °C) (68 °F)
	Aromatic hydrocarbons, C10	0,9 hPa (@ 20 °C) (68 °F)
	bornan-2-one	0,87 hPa (@ 25 °C) (77 °F)
	3-methoxybutyl acetate	5 hPa (@ 50 °C) (122 °F) (OECD 104) 0,34 hPa (@ 20 °C) (68 °F) (OECD 104) 0,58 hPa (@ 25 °C) (77 °F) (OECD 104)
	linalool	0,27 hPa (@ 24,85 °C) (76,73 °F) (OECD 104)
Date of issue/Date of	revision: 06.07.2024 Date of p 1,3-diisopropylbenzene	revious issue: <u>13.06.2023</u> 0,0997 hPa (@ 20 °C) (68 °F)
	p-menth-f-en-8-yl acetate	0,03515 hPa (@ 23 °C) (73 °F)

CELLENCE SINCE

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878 HTL--000003-H002 Page: 15/25

Relative density	:	0,98
Density	:	0,85 - 1,1 g/cm3
Vapor density	:	> 1 [Air = 1]
Explosive properties	:	Not available.
Oxidizing properties	:	Not available.
Particle characteristics		
Median particle size	:	Not applicable.

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

<b>10.1</b> Reactivity	:	No specific test data related to reactivity available for this product or its ingredients.
<b>10.2</b> Chemical stability	:	The product is stable.
<b>10.3</b> Possibility of hazardous reactions	:	Under normal conditions of storage and use, hazardous reactions will not occur.
<b>10.4</b> Conditions to avoid	:	No specific data.
<b>10.5</b> Incompatible materials	:	No specific data.
<b>10.6 Hazardous decomposition</b> products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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

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

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
cyclohexanol				
	LD50 Oral	Rat	1.400 mg/kg	-
turpentine, oil		•		
	LD50 Oral	Rat	3.956 mg/kg	-
	LC50 Inhalation	Rat	19,9 mg/l	1 h
	Vapor			
	LC50 Inhalation	Rat	13,7 mg/l	4 h
	Vapor			
4-methylpentan-2-one				
	LD50 Oral	Rat	2.080 mg/kg	-
dipentene				
	LD50 Oral	Rat	5.300 mg/kg	-

Version: 4.0

Date of issue/Date of revision: 06.07.2024



linalool				
	LD50 Oral	Rat	2.790 mg/kg	-
	LD50 Dermal	Rabbit	5.610 mg/kg	-
	LD50 Dermal	Rat	5.610 mg/kg	-
cineole				
	LD50 Oral	Rat	2.480 mg/kg	-

**Conclusion/Summary** 

Not available. :

#### Acute toxicity estimates

Product/ingredient name	Oral	Dermal	Inhalation (gases)	Inhalation (vapors)	Inhalation (dusts and mists)
HTL000003-H002	4826,1 mg/kg	66249,1 mg/kg	N/A	42,8 mg/l	N/A
cyclohexanol	1400 mg/kg	N/A	N/A	11 mg/l	N/A
turpentine, oil	500 mg/kg	1100 mg/kg	N/A	13,7 mg/l	N/A
4-methylpentan-2-one	500 mg/kg	N/A	N/A	11 mg/l	N/A
dipentene	5300 mg/kg	N/A	N/A	N/A	N/A
linalool	2790 mg/kg	5610 mg/kg	N/A	N/A	N/A
cineole	2480 mg/kg	N/A	N/A	N/A	N/A

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
cyclohexanol	Skin -	Rabbit	-	24 hrs	-
	Moderate				
	irritant				
	Skin - Mild	Rabbit	-	24 hrs	-
	irritant				
	Eyes -	Rabbit	-	24 hrs	-
	Moderate				
	irritant				
	Eyes - Mild	Rabbit	-	24 hrs	-
	irritant				
	Eyes -	Rabbit	-		-
	Moderate				
	irritant				
turpentine, oil	Skin - Severe	Rabbit	-		-
-	irritant				
	Skin - Severe	Human	-		-
	irritant				
trioctyl borate	Eyes -	Rabbit	-		-
-	Moderate				
	irritant				
4-methylpentan-2-one	Eyes -	Rabbit	-	24 hrs	-
	Moderate				
	irritant				
	Skin - Mild	Rabbit	-	24 hrs	-

Version: 4.0

Date of issue/Date of revision: 06.07.2024



	irritant				
	Eyes -	Rabbit	-		-
	Severe	Rubble			
	irritant				
dipentene	Skin -	Rabbit	-	24 hrs	-
1	Moderate				
	irritant				
linalool	Eyes -	Rabbit	-	1 hrs	-
	Moderate				
	irritant				
	Skin - Mild	Man	-	48 hrs	-
	irritant				
	Skin - Mild	Rabbit	-	24 hrs	-
	irritant				
	Skin - Severe	Rabbit	-	24 hrs	-
	irritant				
	Eyes -	Rabbit	-		-
	Moderate				
	irritant				
	Skin -	Guinea pig	-	24 hrs	-
	Moderate				
	irritant				
	Skin - Mild	Human	-	72 hrs	-
~	irritant				
Conclusion/Summary	N				
Skin		t available.			
Eyes		t available. t available.			
Respiratory	: No	available.			
Sensitization					
Conclusion/Summary					
Skin		t available.			
Respiratory	: No	t available.			
<u>Mutagenicity</u>					
Conclusion/Summary	: No	t available.			
Carcinogenicity					
Conclusion/Summary	: No	t available.			
<b>Reproductive toxicity</b>					
Conclusion/Summary	: No	t available.			
<u>Feratogenicity</u>					
Conclusion/Summary	: No	t available.			
Specific target organ toxicity	y (single exposur	<u>·e)</u>			

Product/ingredient nam	e Category	Ro	ute of exposure	Target or	rgans
Version: 4.0	Date of issue/Date of revision:	06.07.2024	Date of pre	vious issue:	13.06.2023
	21 <sup>99</sup>	COLOROBEL			
	•				
	A CHI	LENCE SINCE 192			

cyclohexanol	Category	3	-		Respiratory tract irritation
Specific target organ toxicity (rep	beated exp	<u>osure)</u>			
Product/ingredient name	Categor	y	R	oute of exposure	Target organs
bornan-2-one	Category	1	-	-	-
Aspiration hazard					
Product/ingredient name			Result		
turpentine, oil			ASPIR	ATION HAZARI	D - Category 1
Information on the likely routes of exposure	: N	ot available	le.		
Potential acute health effects					
Eye contact	: N	o known si	ignifican	t effects or critical	hazards.
Inhalation				y irritation.	
Skin contact				<ol> <li>May cause an all t effects or critical</li> </ol>	ergic skin reaction.
Ingestion	: N	J KHUWH SI	ignifican	i enteris or critical	nazalus.
Symptoms related to the physical,	chemical a	and toxico	ological o	characteristics	
Eye contact		dverse syn atering, rec		nay include the fol	lowing: pain or irritation,
Inhalation	: Adverse symptoms may include the following: respiratory tract irritation, coughing, reduced fetal weight, increase in fetal deaths, skeletal malformations				
Skin contact					lowing: irritation, redness, leaths, skeletal malformation
Ingestion	: A	dverse syn	nptoms n		lowing: reduced fetal weight
Delayed and immediate effects and	also chroi	nic effects	from sh	ort and long term	<u>1 exposure</u>
<u>Short term exposure</u>					
Potential immediate effects	: N	ot available	le.		
Potential delayed effects	: N	ot available	le.		
Long term exposure					
Potential immediate effects	: N	ot available	le.		
Potential delayed effects		ot available			
Potential chronic health effects					
Conclusion/Summary	: N	ot available	le.		
General					on may occur when
Carcinogonicity				d to very low level t effects or critical	
Carcinogenicity Mutagenicity				t effects or critical	
	• • •		- of ood		

Version: 4.0

Date of issue/Date of revision: 06.07.2024



Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878 HTL--000003-H002 Page: 19/25

**Reproductive toxicity** 

May damage fertility or the unborn child.

**11.2.** Information on other hazards

**11.2.1** Endocrine disrupting properties

**11.2.2** Other information

Not available. Not available.

### **SECTION 12: Ecological information**

:

:

:

#### 12.1 Toxicity

Product/ingredient name	ame Result Species		Exposure
cyclohexanol		· -	
	Acute LC50 704 mg/l Fresh	Fish - Pimephales promelas	96 h
	water		
4-methylpentan-2-one			
	Acute LC50 505 mg/l Fresh	Fish - Pimephales promelas	96 h
	water		
	Chronic NOEC 168 mg/l Fresh	Fish - Pimephales promelas	33 d
	water		
	Chronic NOEC 78 mg/l Fresh	Daphnia - Daphnia magna	21 d
	water		
dipentene			
	Acute EC50 20,2 mg/l Fresh	Fish - Pimephales promelas	96 h
	water		
	Acute EC50 28,2 mg/l Fresh	Daphnia - Daphnia magna	48 h
	water		
	Acute IC50 13,798 mg/l Fresh	Algae - Pseudokirchneriella	96 h
	water	subcapitata	
linalool		·	
	Acute LC50 28,8 mg/l Fresh	Fish - Oncorhynchus mykiss	96 h
	water		
	Acute EC50 36,7 mg/l Fresh	Daphnia - Daphnia magna	48 h
	water		
cineole			
	Acute LC50 102 mg/l Fresh	Fish - Pimephales promelas	96 h
	water		

Conclusion/Summary

: Not available.

#### 12.2 Persistence and degradability

**Conclusion/Summary** : Not available.

### **12.3** Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential	
cyclohexanol	1,21,25	-	low	
4-methylpentan-2-one	1,9	-	low	
dipentene	4,57	-	high	
bornan-2-one	2,38	-	low	

Version: 4.0

Date of issue/Date of revision: 06.07.

06.07.2024



linalool	2,84	-	low
cineole	2,74	•	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.

<b>12.6</b> Endocrine disrupting properties	:	Not available.
12.7 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

	:	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.
Hazarubus waste	:	The classification of the product may meet the criteria for a hazardous waste.
Packaging		
Methods of disposal	:	The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Type of packaging		European waste catalogue (EWC)
	15 01 10*	packaging containing residues of or contaminated by hazardous substances

**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. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Version: 4.0

Date of issue/Date of revision: 06.07.2024

:



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

	ADR/F	RID	IMDG	IATA
14.1 UN number	-		-	-
<b>14.2</b> UN proper shipping name	Not regulated.		Not regulated.	Not regulated.
14.3 Transport hazard class(es)	-		-	-
14.4 Packing group	-		-	-
14.5. Environmental hazards	No.		No.	No.
ADN IATA		in tank v : The env	vessels.	a dangerous good when transported substance mark may appear if regulations.
14.6 Special precaut	ions for user	containe	ers that are upright and s ting the product know w	s: always transport in closed ecure. Ensure that persons that to do in the event of an accident
<b>14.7</b> Transport in but to IMO instruments		: Not avai	ilable.	

### **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.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles Restricted to professional users.

**Other EU regulations** 

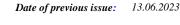
Industrial emissions (integrated : Not listed

Version: 4.0

Date of issue/Date of revision: 00

:

06.07.2024 Date of previous i





Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878 HTL--000003-H002 Page:22/25

pollution prevention and control) - Air **Industrial emissions (integrated** Not listed : pollution prevention and control) - Water Ozone depleting substances (1005/2009/EU) None of the components are listed.

Prior Informed Consent (PIC) (649/2012/EU) None of the components are listed.

Persistent Organic Pollutants None of the components are listed.

Seveso Directive

This product is not controlled under the Seveso Directive.

#### **National regulations**

D.Lgs. 152/06 **International regulations**  Not determined.

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

:

**Chemical Weapons Convention List Schedule I Chemicals** None of the components are listed.

**Chemical Weapons Convention List Schedule II Chemicals** None of the components are listed.

**Chemical Weapons Convention List Schedule III Chemicals** None of the components are listed.

#### **Montreal Protocol**

None of the components are listed.

#### **Stockholm Convention on Persistent Organic Pollutants**

#### **Annex A - Elimination - Production**

None of the components are listed.

#### Annex A - Elimination - Use

None of the components are listed.

#### Annex B - Restriction - Production

None of the components are listed.

#### Annex B - Restriction - Use None of the components are listed.

#### Annex C - Unintentional - Production

None of the components are listed.

#### Version: 4.0

Date of issue/Date of revision:

06.07.2024



#### Rotterdam Convention on Prior Informed Consent (PIC)

#### **Rotterdam Convention on Prior Informed Consent (PIC) - Industrial**

None of the components are listed.

#### Rotterdam Convention on Prior Informed Consent (PIC) - Pesticide

None of the components are listed.

#### Rotterdam Convention on Prior Informed Consent (PIC) -Severely hazardous pesticide None of the components are listed.

#### **UNECE Aarhus Protocol on POPs and Heavy Metals**

#### Heavy metals - Annex 1

None of the components are listed.

#### **POPs - Annex 1 - Production**

None of the components are listed.

#### POPs - Annex 1 - Use

None of the components are listed.

#### POPs - Annex 2

None of the components are listed.

#### POPs - Annex 3

None of the components are listed.

#### **Inventory list**

Australia	:	Not determined.
Canada	:	Not determined.
China	:	Not determined.
Eurasian Economic Union	:	Russian Federation inventory: Not determined.
Japan	:	Japan inventory (CSCL): Not determined.
_		Japan inventory (ISHL): Not determined.
New Zealand	:	Not determined.
Philippines	:	Not determined.
Republic of Korea	:	Not determined.
Taiwan	:	Not determined.
Thailand	:	Not determined.
Turkey	:	Not determined.
United States	:	At least one component is inactive.
Viet Nam	:	Not determined.
15.2 Chemical Safety Assessment	:	This product contains substances for which Chemical Safety

### **SECTION 16: Other information**

Abbreviations and acronyms

ATE = Acute Toxicity Estimate

Assessments are still required.

```
Version: 4.0
```

Date of issue/Date of revision: 06.07.2024

:



Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878 HTL--000003-H002 Page:24/25

> 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

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

Classification	Justification
Skin Irrit. 2, H315	Calculation method
Skin Sens. 1, H317	Calculation method
Repr. 1B, H360	Calculation method
STOT SE 3, H335 (Respiratory tract irritation)	Calculation method
Aquatic Chronic 3, H412	Calculation method

#### Full text of abbreviated H statements

H225	Highly flammable liquid and vapor.
H226	Flammable liquid and vapor.
H228	Flammable solid.
H302	Harmful if swallowed.
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.
H334	May cause allergy or asthma symptoms or breathing difficulties if
	inhaled.
H335	May cause respiratory irritation.
H341	Suspected of causing genetic defects.
H360	May damage fertility or the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

#### Full text of classifications [CLP/GHS]

Acute Tox. 4	ACUTE TOXICITY - Category 4
Aquatic Acute 1	AQUATIC HAZARD (ACUTE) - Category 1
Aquatic Chronic 1	AQUATIC HAZARD (LONG-TERM) - Category 1
Aquatic Chronic 2	AQUATIC HAZARD (LONG-TERM) - Category 2
Aquatic Chronic 3	AQUATIC HAZARD (LONG-TERM) - Category 3
Aquatic Chronic 4	AQUATIC HAZARD (LONG-TERM) - Category 4

Version: 4.0

Date of issue/Date of revision: 06.07.2024

.....



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	
Flam. Sol. 2	FLAMMABLE SOLIDS - Category 2	
Muta. 2	GERM CELL MUTAGENICITY - Category 2	
Repr. 1B	TOXIC TO REPRODUCTION - Category 1B	
Resp. Sens. 1	<b>RESPIRATORY SENSITIZATION - Category 1</b>	
Skin Irrit. 2	SKIN CORROSION/IRRITATION - Category 2	
Skin Sens. 1	SKIN SENSITIZATION - Category 1	
Skin Sens. 1B	SKIN SENSITIZATION - Category 1B	
STOT RE 1	SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) -	
	Category 1	
STOT SE 3	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) -	
	Category 3	

Date of printing	:	22.10.2024
Date of issue/ Date of revision	:	06.07.2024
Date of previous issue	:	13.06.2023
Version	:	4.0

#### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Notwithstanding the above, the provisions of this clause shall not apply in the event of supplier wilful misconduct (dolo), in which case the provisions of current legislation shall apply.

Date of issue/Date of revision: 06.07.2024

