

**INDUSTRIA MAIMERI S.P.A.****58686 - AUXILIARY PRODUCTS****58686 Retouching varnish**

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**Safety Data Sheet**

According to Annex II to REACH - Regulation 2020/878 and to Annex II to UK REACH

**SECTION 1. Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Code: **58686**  
 Product name **AUXILIARY PRODUCTS** **58686 Retouching varnish**

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

Intended use **Final varnish.**

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

Name **INDUSTRIA MAIMERI S.P.A.**  
 Full address **Via Gianni Maireri, 1**  
 District and Country **20076 Mediglia (MI)**  
**Italia**  
 Tel. **+39 02 906981**  
 Fax **+39 02 90698999**  
 e-mail address of the competent person responsible for the Safety Data Sheet **schedesicurezza@maireri.it**  
 Supplier: **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20076 BETTOLINO DI MEDIGLIA (MI) ITALY**

**1.4. Emergency telephone number**

For urgent inquiries refer to **Australia : 131126**  
**USA: 1 800 222 1222**  
**Regno Unito NHS Direct (UK): +44 (0) 845 46 47**

**SECTION 2. Hazards identification****2.1. Classification of the substance or mixture**

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2020/878.

Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:

Flammable liquid, category 3	H226	Flammable liquid and vapour.
Specific target organ toxicity - single exposure, category 3	H336	May cause drowsiness or dizziness.

**2.2. Label elements**

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms:



Signal words: **Warning**

Hazard statements:

<b>H226</b>	Flammable liquid and vapour.
<b>H336</b>	May cause drowsiness or dizziness.

58686 - AUXILIARY PRODUCTS

58686 Retouching varnish

**SECTION 2. Hazards identification ... / >>**

Precautionary statements:

<b>P501</b>	Dispose of contents / container to in accordance with local and national norms. . .
<b>P102</b>	Keep out of reach of children.
<b>P210</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
<b>P280</b>	Wear protective gloves/ protective clothing / eye protection / face protection.
<b>P271</b>	Use only outdoors or in a well-ventilated area.
<b>P101</b>	If medical advice is needed, have product container or label at hand.

**Contains:** 1-METHOXY-2-PROPANOL

**2.3. Other hazards**

On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.

The product does not contain substances with endocrine disrupting properties in concentration  $\geq$  0.1%.

**SECTION 3. Composition/information on ingredients****3.2. Mixtures**

Contains:

Identification	x = Conc. %	Classification (EC) 1272/2008 (CLP)
<b>1-METHOXY-2-PROPANOL</b>		
CAS	$74 \leq x < 78$	<b>Flam. Liq. 3 H226, STOT SE 3 H336</b>
EC		
INDEX		
REACH Reg.		
<b>2-Methoxy-1-propanol</b>		
CAS	$0,2 \leq x < 0,25$	<b>Flam. Liq. 3 H226, Repr. 1B H360D, Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335</b>
EC		
INDEX		
REACH Reg.		
<b>CYCLOHEXANONE</b>		
CAS	$0 \leq x < 0,05$	<b>Flam. Liq. 3 H226, Acute Tox. 4 H312, Acute Tox. 4 H332, Skin Irrit. 2 H315</b>
EC		<b>STA Dermal: 1100 mg/kg, STA Inhalation vapours: 11 mg/l, STA Inhalation mists/powders: 1,5 mg/l, STA Inhalation gas: 4500 ppm</b>
INDEX		
REACH Reg.		

The full wording of hazard (H) phrases is given in section 16 of the sheet.

**SECTION 4. First aid measures****4.1. Description of first aid measures**

**EYES:** Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

**SKIN:** Remove contaminated clothing. Rinse skin with a shower immediately. Wash contaminated clothing before using it again.

**INHALATION:** Remove to open air. If the subject stops breathing, administer artificial respiration. Get medical advice/attention immediately.

**INGESTION:** Get medical advice/attention immediately. Do not induce vomiting. Do not administer anything not explicitly authorised by a doctor.

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

Specific information on symptoms and effects caused by the product are unknown.

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

Information not available

**SECTION 5. Firefighting measures****5.1. Extinguishing media****SUITABLE EXTINGUISHING EQUIPMENT**

Extinguishing substances are: carbon dioxide, foam, chemical powder. For product loss or leakage that has not caught fire, water spray can be used to disperse flammable vapours and protect those trying to stem the leak.

**UNSUITABLE EXTINGUISHING EQUIPMENT**

Do not use jets of water. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

**5.2. Special hazards arising from the substance or mixture****HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE**

Excess pressure may form in containers exposed to fire at a risk of explosion. Do not breathe combustion products.

**5.3. Advice for firefighters****GENERAL INFORMATION**

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

**SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS**

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

**SECTION 6. Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

Send away individuals who are not suitably equipped. Use explosion-proof equipment. Eliminate all sources of ignition (cigarettes, flames, sparks, etc.) from the leakage site.

**6.2. Environmental precautions**

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

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

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

**6.4. Reference to other sections**

Any information on personal protection and disposal is given in sections 8 and 13.

**SECTION 7. Handling and storage****7.1. Precautions for safe handling**

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat. Avoid leakage of the product into the environment.

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

Store only in the original container. Store in a cool and well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.

### SECTION 7. Handling and storage ... / >>

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

Information not available

### SECTION 8. Exposure controls/personal protection

#### 8.1. Control parameters

##### Regulatory References:

DEU	Deutschland	Technischen Regeln für Gefahrstoffe (TRGS 900) - Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte. MAK- und BAT-Werte-Liste 2020, Ständige Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe, Mitteilung 56
DNK	Danmark	Bekendtgørelse om grænseværdier for stoffer og materialer - BEK nr 1458 af 13/12/2019
ESP	España	Límites de exposición profesional para agentes químicos en España 2021
FRA	France	Valeurs limites d'exposition professionnelle aux agents chimiques en France. ED 984 - INRS
FIN	Suomi	HTP-VÄRDEN 2020. Koncentrationer som befunnits skadliga. SOCIAL - OCH HÄLSOVÄRDSMINISTERIETS PUBLIKATIONER 2020:25
GRC	Ελλάδα	Π.Δ. 26/2020 (ΦΕΚ 50/Α` 6.3.2020) Εναρμόνιση της ελληνικής νομοθεσίας προς τις διατάξεις των οδηγιών 2017/2398/ΕΕ, 2019/130/ΕΕ και 2019/983/ΕΕ «για την τροποποίηση της οδηγίας 2004/37/ΕΚ "σχετικά με την προστασία των εργαζομένων από τους κινδύνους που συνδέονται με την έκθεση σε καρκινογόνους ή μεταλλαξιογόνους παράγοντες κατά την εργασία"»
ITA	Italia	Decreto Legislativo 9 Aprile 2008, n.81
NOR	Norge	Forskrift om endring i forskrift om tiltaksverdier og grenseverdier for fysiske og kjemiske faktorer i arbeidsmiljøet samt smitterisikogrupper for biologiske faktorer (forskrift om tiltaks- og grenseverdier), 21. august 2018 nr. 1255
NLD	Nederland	Arbeidsomstandighedenregeling. Lijst van wettelijke grenswaarden op grond van de artikelen 4.3, eerste lid, en 4.16, eerste lid, van het Arbeidsomstandighedenbesluit
PRT	Portugal	Decreto-Lei n.º 1/2021 de 6 de janeiro, valores-limite de exposição profissional indicativos para os agentes químicos. Decreto-Lei n.º 35/2020 de 13 de julho, proteção dos trabalhadores contra os riscos ligados à exposição durante o trabalho a agentes cancerígenos ou mutagénicos
POL	Polska	Rozporządzenie ministra rozwoju, pracy i technologii z dnia 18 lutego 2021 r. Zmieniające rozporządzenie w sprawie najwyższych dopuszczalnych stężeń i natężeń czynników szkodliwych dla zdrowia w środowisku pracy
ROU	România	Hotărârea nr. 53/2021 pentru modificarea hotărârii guvernului nr. 1.218/2006, precum și pentru modificarea și completarea hotărârii guvernului nr. 1.093/2006
SWE	Sverige	Hygieniska gränsvärden, Arbetsmiljöverkets föreskrifter och allmänna råd om hygieniska gränsvärden (AFS 2018:1)
TUR	Türkiye	Kimyasal Maddelerle Çalışmalarda Sağlık ve Güvenlik Önlemleri Hakkında Yönetmelik 12.08.2013 / 28733
GBR	United Kingdom	EH40/2005 Workplace exposure limits (Fourth Edition 2020)
EU	OEL EU	Directive (EU) 2019/1831; Directive (EU) 2019/130; Directive (EU) 2019/983; Directive (EU) 2017/2398; Directive (EU) 2017/164; Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC; Directive 98/24/EC; Directive 91/322/EEC.
	TLV-ACGIH	ACGIH 2020

### SECTION 8. Exposure controls/personal protection ... / >>

#### 1-METHOXY-2-PROPANOL

Threshold Limit Value		PNEC / DNEL / DMEL				Remarks / Observations			
Type	Country	TWA/8h		STEL/15min					
		mg/m3	ppm	mg/m3	ppm				
VLEP	ITA	375	100	568	150				
OEL	EU	375	100	568	150				
TLV-ACGIH			100		150				
Predicted no-effect concentration - PNEC									
Normal value in fresh water						10	mg/l		
Normal value in marine water						1	mg/l		
Normal value for fresh water sediment						52,3	mg/kg/d		
Normal value for marine water sediment						5,2	mg/kg/d		
Normal value for water, intermittent release						100	mg/l		
Normal value of STP microorganisms						100	mg/l		
Normal value for the terrestrial compartment						4,59	mg/kg/d		
Health - Derived no-effect level - DNEL / DMEL									
Route of exposure	Effects on consumers			Chronic local	Chronic systemic	Effects on workers			
	Acute local	Acute systemic	Acute local			Acute systemic	Chronic local	Chronic systemic	
Oral				33	33				
Inhalation				43.9	mg/kg bw/d	553,5	553,5		369
					43,9	mg/m3	mg/m3		mg/m3
Skin				78	78			183	183
					mg/kg bw/d				mg/kg bw/d

#### CYCLOHEXANONE

Threshold Limit Value		TWA/8h		STEL/15min		Remarks / Observations		
Type	Country	mg/m3	ppm	mg/m3	ppm			
AGW	DEU	80	20	80	20	SKIN	E	
TLV	DNK	41	10			SKIN		
VLA	ESP	41	10	82	20	SKIN		
VLEP	FRA	40,8	10	81,6	20			
HTP	FIN	41	10	82	20	SKIN		
TLV	GRC	200	50	400	100			
VLEP	ITA	40,8	10	81,6	20	SKIN		
TLV	NOR	40	10	80	20	SKIN		
TGG	NLD			50		SKIN		
VLE	PRT	40,8	10	81,6	20	SKIN		
NDS/NDSch	POL	40		80		SKIN		
TLV	ROU	40,8	10	81,6	20	SKIN		
NGV/KGV	SWE	41	10	81	20	SKIN		
ESD	TUR	40,8	10	81,6	20	SKIN		
WEL	GBR	41	10	82	20	SKIN		
OEL	EU	40,8	10	81,6	20	SKIN		
TLV-ACGIH		80	20	201	50	SKIN		
<b>Predicted no-effect concentration - PNEC</b>								
Normal value in fresh water						32,9	µg/l	
Normal value in marine water						3,29	µg/l	
Normal value for fresh water sediment						249	µg/kg	
Normal value for marine water sediment						24,9	µg/kg	
Normal value for water, intermittent release						329	µg/l	
Normal value of STP microorganisms						10	mg/l	
Normal value for the terrestrial compartment						30,4	µg/kg	
<b>Health - Derived no-effect level - DNEL / DMEL</b>								
Route of exposure	Effects on consumers		Chronic local	Chronic systemic	Effects on workers		Chronic local	Chronic systemic
	Acute local	Acute systemic			Acute local	Acute systemic		
Oral		1,5 mg/kg bw/d		1,5 mg/kg bw/d				
Inhalation	40 mg/m3	20 mg/m3	20 mg/m3	10 mg/m3	80 mg/m3	80 mg/m3	40 mg/m3	40 mg/m3
Skin		1 mg/kg bw/d		1 mg/kg bw/d		4 mg/kg bw/d		4 mg/kg bw/d

### SECTION 8. Exposure controls/personal protection ... / >>

#### Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.  
VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified.

#### 8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

#### HAND PROTECTION

Protect hands with category III work gloves (see standard EN 374).

The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

#### SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

Consider the appropriateness of providing antistatic clothing in the case of working environments in which there is a risk of explosion.

#### EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

#### RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, wear a mask with a type AX filter, whose limit of use will be defined by the manufacturer (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

#### ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

### SECTION 9. Physical and chemical properties

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

Properties	Value	Information
Appearance	LIQUID	
Colour	colourless	
Odour	ALCOOL-ETHER ODOUR	
Odour threshold	Not applicable	
Melting point / freezing point	Not applicable	
Initial boiling point	> 35 °C	
Boiling range	Not applicable	
Flammability	not applicable	
Lower explosive limit	Not applicable	
Upper explosive limit	Not applicable	
Flash point	23 °C	
Auto-ignition temperature	Not applicable	
Decomposition temperature	Not applicable	
pH	Not applicable	
Kinematic viscosity	Not available	
Dynamic viscosity	15-25 cps	
Solubility	SOLUBLE WITH ALCOOL AND GLYCOL ETHER	
Partition coefficient: n-octanol/water	Not applicable	
Vapour pressure	Not applicable	
Density and/or relative density	0,82	
Relative vapour density	Not applicable	
Particle characteristics	Not applicable	

#### 9.2. Other information

9.2.1. Information with regard to physical hazard classes

58686 - AUXILIARY PRODUCTS

58686 Retouching varnish

**SECTION 9. Physical and chemical properties ... / >>**

Information not available

**9.2.2. Other safety characteristics**

Evaporation rate	Not applicable	
VOC (Directive 2010/75/EU)	75,00 % - 615,00	g/litre
VOC (volatile carbon)	75,00 % - 615,00	g/litre
Explosive properties	not applicable	
Oxidising properties	non-oxidizing (absence of functional groups with oxidizing properties)	

**SECTION 10. Stability and reactivity****10.1. Reactivity**

There are no particular risks of reaction with other substances in normal conditions of use.

**CYCLOHEXANONE**

Attacks various types of plastic materials.

May condense under the effect of heat to form resinous compounds.

**10.2. Chemical stability**

The product is stable in normal conditions of use and storage.

**10.3. Possibility of hazardous reactions**

The vapours may also form explosive mixtures with the air.

**CYCLOHEXANONE**

Risk of explosion on contact with: hydrogen peroxide, nitric acid, heat, mineral acids. May react violently with: oxidising agents. Forms explosive mixtures with: air.

**10.4. Conditions to avoid**

Avoid overheating. Avoid bunching of electrostatic charges. Avoid all sources of ignition.

**CYCLOHEXANONE**

Avoid exposure to: sources of heat, naked flames.

**10.5. Incompatible materials**

Information not available

**10.6. Hazardous decomposition products**

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

**SECTION 11. Toxicological information**

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

Interactive effects

58686 - AUXILIARY PRODUCTS

58686 Retouching varnish

## SECTION 11. Toxicological information ... / &gt;&gt;

Information not available

ACUTE TOXICITY

ATE (Inhalation) of the mixture:  
 ATE (Oral) of the mixture:  
 ATE (Dermal) of the mixture:

Not classified (no significant component)  
 Not classified (no significant component)  
 Not classified (no significant component)

CYCLOHEXANONE

STA (Dermal):

1100 mg/kg estimate from table 3.1.2 of Annex I of the CLP  
 (figure used for calculation of the acute toxicity estimate of the mixture)

STA (Inhalation mists/powders):

1,5 mg/l estimate from table 3.1.2 of Annex I of the CLP  
 (figure used for calculation of the acute toxicity estimate of the mixture)

STA (Inhalation vapours):

11 mg/l estimate from table 3.1.2 of Annex I of the CLP  
 (figure used for calculation of the acute toxicity estimate of the mixture)

STA (Inhalation gas):

4500 ppm estimate from table 3.1.2 of Annex I of the CLP  
 (figure used for calculation of the acute toxicity estimate of the mixture)

SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class

RESPIRATORY OR SKIN SENSITISATION

Does not meet the classification criteria for this hazard class

Respiratory sensitization

Information not available

Skin sensitization

Information not available

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

Adverse effects on sexual function and fertility

Information not available

Adverse effects on development of the offspring

Information not available

Effects on or via lactation

Information not available

STOT - SINGLE EXPOSURE

May cause drowsiness or dizziness

Target organ



58686 - AUXILIARY PRODUCTS

58686 Retouching varnish

**SECTION 11. Toxicological information** ... / >>

Information not available

Route of exposure

Information not available

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

Target organ

Information not available

Route of exposure

Information not available

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

**11.2. Information on other hazards**

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

**SECTION 12. Ecological information**

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

**12.1. Toxicity**

Information not available

**12.2. Persistence and degradability**

CYCLOHEXANONE	
Solubility in water	0,1 - 100 mg/l
Rapidly degradable	

**12.3. Bioaccumulative potential**

CYCLOHEXANONE	
Partition coefficient: n-octanol/water	0,86

**12.4. Mobility in soil**

CYCLOHEXANONE	
Partition coefficient: soil/water	1,18

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

On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.

**12.6. Endocrine disrupting properties**

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

**12.7. Other adverse effects**

Information not available

58686 - AUXILIARY PRODUCTS

58686 Retouching varnish

## SECTION 13. Disposal considerations

### 13.1. Waste treatment methods

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.  
 Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.  
 Waste transportation may be subject to ADR restrictions.  
 CONTAMINATED PACKAGING  
 Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

## SECTION 14. Transport information

### 14.1. UN number or ID number

ADR / RID, IMDG, IATA: 3092

### 14.2. UN proper shipping name

ADR / RID: 1-METHOXY-2-PROPANOL SOLUTION  
 IMDG: 1-METHOXY-2-PROPANOL SOLUTION  
 IATA: 1-METHOXY-2-PROPANOL SOLUTION

### 14.3. Transport hazard class(es)

ADR / RID: Class: 3 Label: 3

IMDG: Class: 3 Label: 3

IATA: Class: 3 Label: 3



### 14.4. Packing group

ADR / RID, IMDG, IATA: III

### 14.5. Environmental hazards

ADR / RID: NO  
 IMDG: NO  
 IATA: NO

### 14.6. Special precautions for user

ADR / RID:	HIN - Kemler: 30	Limited Quantities: 5 L	Tunnel restriction code: (D/E)
	Special provision: -		
IMDG:	EMS: F-E, S-D	Limited Quantities: 5 L	
IATA:	Cargo:	Maximum quantity: 220 L	Packaging instructions: 366
	Pass.:	Maximum quantity: 60 L	Packaging instructions: 355
	Special provision:	-	

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

Information not relevant

## SECTION 15. Regulatory information

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

Seveso Category - Directive 2012/18/EU: P5c

## SECTION 15. Regulatory information ... / &gt;&gt;

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

Product		
Point	3 - 40	
Contained substance		
Point	75	
Point	72	Formaldehyde sol >25%
		REACH Reg.:
Point	30	2-Methoxy-1-propanol
		REACH Reg.:

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors  
 Not applicable

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage  $\geq$  than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

## 15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

## SECTION 16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

<b>Flam. Liq. 3</b>	Flammable liquid, category 3
<b>Repr. 1B</b>	Reproductive toxicity, category 1B
<b>Acute Tox. 4</b>	Acute toxicity, category 4
<b>Eye Dam. 1</b>	Serious eye damage, category 1
<b>Skin Irrit. 2</b>	Skin irritation, category 2
<b>STOT SE 3</b>	Specific target organ toxicity - single exposure, category 3
<b>H226</b>	Flammable liquid and vapour.
<b>H360D</b>	May damage the unborn child.
<b>H312</b>	Harmful in contact with skin.
<b>H332</b>	Harmful if inhaled.
<b>H318</b>	Causes serious eye damage.
<b>H315</b>	Causes skin irritation.
<b>H335</b>	May cause respiratory irritation.
<b>H336</b>	May cause drowsiness or dizziness.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods

### SECTION 16. Other information ... / >>

- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

#### GENERAL BIBLIOGRAPHY

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)
15. Regulation (EU) 2019/521 (XII Atp. CLP)
16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148
18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)

- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

#### Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

#### CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

**SECTION 16. Other information** ... / >>

Changes to previous review:  
The following sections were modified:  
09.