



# CARVER S.r.l. Unipersonale

## EXTEROL 050

Revision nr.5  
Dated 22/02/2017  
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### Safety data sheet

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

##### 1.1. Product identifier.

Code: SO8502  
Product name: EXTEROL 050  
Chemical name and synonym: Vegetable oil-based resin solution in aliphatic solvent

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

Intended use: Primer for wood.

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

Name: CARVER S.r.l. Unipersonale  
Full address: Via Papa Giovanni XXIII, 36  
District and Country: 20090 Rodano (MI)  
Italy  
Tel. +39 (0)2 9500171  
Fax. +39 (0)2 95320921  
e-mail address of the competent person responsible for the Safety Data Sheet: sds@carver.it  
Product distribution by: www.carver.it

##### 1.4. Emergency telephone number.

For urgent inquiries refer to: IRELAND:  
National Poisons Information Centre  
DUBLIN  
01 8092566 or 018379964

#### 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 EC Regulation 1907/2006 and subsequent amendments.

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:

Hazardous to the aquatic environment, chronic toxicity, H412 Harmful to aquatic life with long lasting effects.  
category 3

##### 2.2. Label elements.

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

Hazard pictograms: --

Signal words: --

Hazard statements:

H412 Harmful to aquatic life with long lasting effects.  
EUH066 Repeated exposure may cause skin dryness or cracking.  
EUH208 Contains: Bis-(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate  
3-iodo-2-propynylbutylcarbamate  
Mixture of benzotriazole  
May produce an allergic reaction.

Precautionary statements:



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### SECTION 2. Hazards identification. ... / >>

**P273** Avoid release to the environment.  
**P280** Wear protective gloves / clothing.  
**P391** Collect spillage.

VOC (Directive 2004/42/EC) :

Minimal build woodstains.

VOC given in g/litre of product in a ready-to-use condition :

Limit value:

700,00 (2010)

VOC of product :

438,00

### 2.3. Other hazards.

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

READ INSTRUCTIONS BEFORE USE. DANGER OF COMBUSTION. Rags and other porous materials soaked with this product could generate self-combustion phenomena, even delayed in time, due to self-oxidation: all contaminated materials must be immersed in water and kept in an airtight metal container.

### SECTION 3. Composition/information on ingredients.

#### 3.1. Substances.

Information not relevant.

#### 3.2. Mixtures.

Contains:

**Identification.**                      **x = Conc. %.**                      **Classification 1272/2008 (CLP).**

**Hydrocarbons C11-14 <2% aromatic**

CAS.                      25 ≤ x < 50                      Asp. Tox. 1 H304, EUH066

EC.                      927-285-2

INDEX.

Reg. no. 01-2119480162-45

**Vegetable oil-based resin**

CAS.                      25 ≤ x < 50

EC.

INDEX.

**Mineral charges**

CAS.                      4 ≤ x < 5

EC.

INDEX.

**Additives**

CAS.                      2 ≤ x < 3

EC.

INDEX.

**2-(2-BUTOXYETHOXY)ETHANOL**

CAS.                      112-34-5                      1 ≤ x < 2                      Eye Irrit. 2 H319

EC.                      203-961-6

INDEX.                      603-096-00-8

Reg. no. 01-2119475104-44

**Polypropylene wax**

CAS.                      1 ≤ x < 2

EC.

INDEX.

**Mixture of benzotriazole**

CAS.                      400-830-7                      0,5 ≤ x < 1                      Skin Sens. 1 H317, Aquatic Chronic 2 H411

EC.                      607-176-00-3

INDEX.                      607-176-00-3

Reg. no. 01-0000015075-76-0017

**3-iodo-2-propynylbutylcarbamate**

CAS.                      55406-53-6                      0,25 ≤ x < 0,5                      Acute Tox. 3 H331, Acute Tox. 4 H302, STOT RE 1 H372, Eye Dam. 1 H318, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=10, Aquatic Chronic 1 H410 M=1

EC.                      259-627-5

INDEX.                      616-212-00-7



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### SECTION 3. Composition/information on ingredients. ... / >>

#### Bis-(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate

CAS. 41556-26-7  $0 \leq x < 0,25$  Skin Sens. 1 H317, Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410 M=1

EC.

INDEX.

#### FORMIC ACID

CAS. 64-18-6  $0 \leq x < 0,1$  Flam. Liq. 3 H226, Acute Tox. 3 H331, STOT SE 1 H370, Acute Tox. 4 H302, Skin Corr. 1A H314, EUH071, Note B

EC. 200-579-1

INDEX. 607-001-00-0

#### 2,6-di-terz-butyl-p-cresol (hydroxytoluene butylate)

CAS. 128-37-0  $0 \leq x < 0,5$  Aquatic Chronic 1 H410 M=1

EC. 204-881-4

INDEX.

Reg. no. 01-2119565113-46

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. Get medical advice/attention 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.

For symptoms and effects caused by the contained substances, see chap. 11.

#### 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.



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### SECTION 6. Accidental release measures. ... / >>

#### 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. If the product is flammable, use explosion-proof equipment. 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 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.

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

Information not available.

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

#### 8.1. Control parameters.

Regulatory References:

DEU	Deutschland	MAK-und BAT-Werte-Liste 2012
ESP	España	INSHT - Límites de exposición profesional para agentes químicos en España 2015
FRA	France	JORF n°0109 du 10 mai 2012 page 8773 texte n° 102
GBR	United Kingdom	EH40/2005 Workplace exposure limits
GRC	Ελλάδα	ΕΦΗΜΕΡΙΣ ΤΗΣ ΚΥΒΕΡΝΗΣΕΩΣ -ΤΕΥΧΟΣ ΠΡΩΤΟ Αρ. Φύλλου 19 - 9 Φεβρουαρίου 2012
HRV	Hrvatska	NN13/09 - Ministarstvo gospodarstva, rada i poduzetništva
ITA	Italia	Decreto Legislativo 9 Aprile 2008, n.81
NLD	Nederland	Databank of the social and Economic Council of Netherlands (SER) Values, AF 2011:18
POL	Polska	ROZPORZĄDZENIE MINISTRA PRACY I POLITYKI SPOŁECZNEJ z dnia 16 grudnia 2011r
PRT	Portugal	Ministério da Economia e do Emprego Consolida as prescrições mínimas em matéria de protecção dos trabalhadores contra os riscos para a segurança e a saúde devido à exposição a agentes químicos no trabalho - Diaro da Republica I 26; 2012-02-06
SVK	Slovensko	NARIADENIE VLÁDY Slovenskej republiky z 20. júna 2007
SVN	Slovenija	Uradni list Republike Slovenije 15. 6. 2007
EU	OEL EU TLV-ACGIH	Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC. ACGIH 2016



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

#### 2-(2-BUTOXYETHOXY)ETHANOL

##### Threshold Limit Value.

Type	Country	TWA/8h		STEL/15min		
		mg/m3	ppm	mg/m3	ppm	
AGW	DEU	67	10	100,5	15	
MAK	DEU	67	10	100,5	15	
VLA	ESP	67,5	10	101,2	15	
TLV	GRC	67,5	10	101,2	15	
VLEP	ITA	67,5	10	101,2	15	
OEL	NLD	50		100		SKIN.
NDS	POL	67		100		
VLE	PRT	67,5	10	101,2	15	
NPHV	SVK	67,5	10	101,2		
MV	SVN	67,5	10			
OEL	EU	67,5	10	101,2	15	
TLV-ACGIH		66	10			

#### Mixture of benzotriazole

##### Threshold Limit Value.

Type	Country	TWA/8h		STEL/15min	
		mg/m3	ppm	mg/m3	ppm
VLEP	ITA	1			

##### Predicted no-effect concentration - PNEC.

Normal value in fresh water	0,0023	mg/l
Normal value in marine water	0,00023	mg/l
Normal value for fresh water sediment	3,06	mg/kg
Normal value for marine water sediment	0,306	mg/kg
Normal value for water, intermittent release	0,028	mg/l
Normal value of STP microorganisms	10	mg/l
Normal value for the terrestrial compartment	2	mg/kg

##### Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers.				Effects on workers			
	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral.			VND	0,025 mg/kg				
Inhalation.			VND	0,085 mg/m3			VND	0,35 mg/m3
Skin.			VND	0,25 mg/kg	VND	0,5 mg/kg		

#### FORMIC ACID

##### Threshold Limit Value.

Type	Country	TWA/8h		STEL/15min	
		mg/m3	ppm	mg/m3	ppm
AGW	DEU	9,5	5	19	10
MAK	DEU	9,5	5	19	10
VLA	ESP	9	5		
VLEP	FRA	90	5		
WEL	GBR	9,6	5		
TLV	GRC	9	5		
GVI	HRV	9	5		
VLEP	ITA	9	5		
OEL	NLD			5	
NDS	POL	5		15	
VLE	PRT	9	5		
NPHV	SVK	9	5		
OEL	EU	9	5		
TLV-ACGIH		9,4	5	18,8	10



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

#### 2,6-di-terz-butyl-p-cresol (hydroxytoluene butylate)

##### Threshold Limit Value.

Type	Country	TWA/8h		STEL/15min	
		mg/m3	ppm	mg/m3	ppm
OEL	EU	2			

##### 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. 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 Directive 89/686/EEC and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

##### 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, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (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.

Appearance	liquid
Colour	various colours
Odour	characteristic, soft
Odour threshold.	Not available.
pH.	Not available.
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	62 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	not applicable
Lower flammability limit.	Not available.
Upper flammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,88
Solubility	soluble in white spirits
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	>20,5 mm2/sec (40°C)
Explosive properties	Not available.
Oxidising properties	Not available.



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

#### 9.2. Other information.

Information not available.

### SECTION 10. Stability and reactivity.

#### 10.1. Reactivity.

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

##### FORMIC ACID

Decomposes under the effect of heat. Attacks various types of plastic materials.  
At room temperature it can release carbon monoxide.

#### 10.2. Chemical stability.

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

#### 10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

##### 2-(2-BUTOXYETHOXY)ETHANOL

May react with: oxidising substances. May form peroxides with: oxygen. Develops hydrogen on contact with: aluminium. May form explosive mixtures with: air.

##### FORMIC ACID

Risk of explosion on contact with: sodium hypochlorite, nitromethane, hydrogen peroxide, furfuryl alcohol. May react dangerously with: alkaline hydroxides, alkaline earth hydroxides, aluminium, palladium-carbon, oxidising agents, phosphorus pentoxide, nitric acid, concentrated sulphuric acid, trihydrate thallium trinitrate. May react dangerously if exposed to: heat. Forms explosive mixtures with: air.

#### 10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

##### 2-(2-BUTOXYETHOXY)ETHANOL

Avoid exposure to: air.

##### FORMIC ACID

Avoid exposure to: light, sources of heat, naked flames.

#### 10.5. Incompatible materials.

##### 2-(2-BUTOXYETHOXY)ETHANOL

Incompatible with: oxidising substances, strong acids, alkaline metals.

##### FORMIC ACID

Incompatible with: strong oxidants, strong bases, sulphuric acid, furfurylic acid.

#### 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.

##### 2-(2-BUTOXYETHOXY)ETHANOL

May develop: hydrogen.

##### FORMIC ACID

May develop: carbon monoxide, hydrogen.

### SECTION 11. Toxicological information.

#### 11.1. Information on toxicological effects.

##### 2-(2-BUTOXYETHOXY)ETHANOL

Can be absorbed by inhalation, ingestion and skin contact; it is irritant to the skin and especially to the eyes; spleen damage may occur. Inhalation is unlikely to occur at room temperature due to the low vapour tension of the substance.



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### SECTION 11. Toxicological information. ... / >>

#### ACUTE TOXICITY.

LC50 (Inhalation - vapours) of the mixture:	> 20 mg/l
LC50 (Inhalation - mists / powders) of the mixture:	Not classified (no significant component).
LD50 (Oral) of the mixture:	Not classified (no significant component).
LD50 (Dermal) of the mixture:	Not classified (no significant component).

#### Mixture of benzotriazole

LD50 (Oral).	> 5000 mg/kg Rat
LD50 (Dermal).	> 2000 mg/kg Rat
LC50 (Inhalation).	> 5,8 Rat

#### Hydrocarbons C11-14 <2% aromatic

LD50 (Oral).	> 5000 mg/kg Rat
LD50 (Dermal).	> 5000 mg/kg Rabbit
LC50 (Inhalation).	> 5000 mg/kg Rat

#### 2,6-di-terz-butyl-p-cresol (hydroxytoluene butylate)

LD50 (Dermal).	> 5000 mg/kg Rat
----------------	------------------

#### 2-(2-BUTOXYETHOXY)ETHANOL

LD50 (Oral).	3384 mg/kg Rat
LD50 (Dermal).	2700 mg/kg Rabbit

#### 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.

#### 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.

#### STOT - SINGLE EXPOSURE.

Does not meet the classification criteria for this hazard class.

#### STOT - REPEATED EXPOSURE.

Does not meet the classification criteria for this hazard class.

#### ASPIRATION HAZARD.

Does not meet the classification criteria for this hazard class.

### SECTION 12. Ecological information.

This product is dangerous for the environment and the aquatic organisms. In the long term, it have negative effects on aquatic environment.

#### 12.1. Toxicity.

##### Mixture of benzotriazole

LC50 - for Fish.	2,8 mg/l/96h Oncorhynchus mykiss
EC50 - for Crustacea.	4 mg/l/48h Daphnia Magna
EC50 - for Algae / Aquatic Plants.	> 100 mg/l/72h Pseudokirchneriella subcapitata
EC10 for Algae / Aquatic Plants.	10 mg/l/72h Pseudokirchneriella subcapitata





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### SECTION 12. Ecological information. ... / >>

Hydrocarbons C11-14 <2% aromatic  
LC50 - for Fish. > 1000 mg/l/96h Oncorhynchus mykiss  
EC50 - for Crustacea. > 1000 mg/l/48h Daphnia magna  
EC50 - for Algae / Aquatic Plants. > 1000 mg/l/72h Pseudokirchneriella subcapitata

3-iodo-2-propynylbutylcarbamate  
LC50 - for Fish. 0,43 mg/l/96h Brachydanio rerio  
EC50 - for Crustacea. 0,21 mg/l/48h Daphnia magna  
EC50 - for Algae / Aquatic Plants. 0,026 mg/l/72h Scenedesmus subspicatus

2-(2-BUTOXYETHOXY)ETHANOL  
EC50 - for Crustacea. > 100 mg/l/48h Daphnia Magna

#### 12.2. Persistence and degradability.

2-(2-BUTOXYETHOXY)ETHANOL  
Solubility in water. 1000 - 10000 mg/l  
Rapidly biodegradable.

FORMIC ACID  
Solubility in water. 1000 - 10000 mg/l  
Rapidly biodegradable.

#### 12.3. Bioaccumulative potential.

2-(2-BUTOXYETHOXY)ETHANOL  
Partition coefficient: n-octanol/water. 1

FORMIC ACID  
Partition coefficient: n-octanol/water. -2,1

#### 12.4. Mobility in soil.

FORMIC ACID  
Partition coefficient: soil/water. < 1,25

#### 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 greater than 0,1%.

#### 12.6. Other adverse effects.

Information not available.

### SECTION 13. Disposal considerations.

#### 13.1. Waste treatment methods.

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.  
Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.  
CONTAMINATED PACKAGING  
Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

Rags, plastic and other porous materials soaked with this product could generate self-combustion phenomena, even delayed in time, due to self-oxidation: all contaminated materials must be immersed in water and kept in an airtight metal container.

### SECTION 14. Transport information.

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

#### 14.1. UN number.

Not applicable.





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### 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>Acute Tox. 3</b>	Acute toxicity, category 3
<b>STOT SE 1</b>	Specific target organ toxicity - single exposure, category 1
<b>Acute Tox. 4</b>	Acute toxicity, category 4
<b>STOT RE 1</b>	Specific target organ toxicity - repeated exposure, category 1
<b>Asp. Tox. 1</b>	Aspiration hazard, category 1
<b>Skin Corr. 1A</b>	Skin corrosion, category 1A
<b>Eye Dam. 1</b>	Serious eye damage, category 1
<b>Eye Irrit. 2</b>	Eye irritation, category 2
<b>Skin Sens. 1</b>	Skin sensitization, category 1
<b>Aquatic Acute 1</b>	Hazardous to the aquatic environment, acute toxicity, category 1
<b>Aquatic Chronic 1</b>	Hazardous to the aquatic environment, chronic toxicity, category 1
<b>Aquatic Chronic 2</b>	Hazardous to the aquatic environment, chronic toxicity, category 2
<b>Aquatic Chronic 3</b>	Hazardous to the aquatic environment, chronic toxicity, category 3
<b>H226</b>	Flammable liquid and vapour.
<b>H331</b>	Toxic if inhaled.
<b>H370</b>	Causes damage to organs.
<b>H302</b>	Harmful if swallowed.
<b>H372</b>	Causes damage to organs through prolonged or repeated exposure.
<b>H304</b>	May be fatal if swallowed and enters airways.
<b>H314</b>	Causes severe skin burns and eye damage.
<b>H318</b>	Causes serious eye damage.
<b>H319</b>	Causes serious eye irritation.
<b>H317</b>	May cause an allergic skin reaction.
<b>H400</b>	Very toxic to aquatic life.
<b>H410</b>	Very toxic to aquatic life with long lasting effects.
<b>H411</b>	Toxic to aquatic life with long lasting effects.
<b>H412</b>	Harmful to aquatic life with long lasting effects.
<b>EUH066</b>	Repeated exposure may cause skin dryness or cracking.
<b>EUH071</b>	Corrosive to the respiratory tract.

#### LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 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
- IMO: International Maritime Organization
- INDEX NUMBER: 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: EC Regulation 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 STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).



# CARVER S.r.l. Unipersonale

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

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- ECHA website

#### 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.

Changed TLVs in section 8.1 for following countries:

DEU,

Changes to previous review:

The following sections were modified:

01 / 02 / 03 / 04 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.