

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)



0075-Limpiador Desengrasante de Bordes

Version 1 Date of compilation: 23/10/2018

Version 6 (replaces version 5)

Revision date: 24/03/2022

Page 1 of 14

Print date: 27/11/2024

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING.

1.1 Product identifier.

Product Name: Limpiador Desengrasante de Bordes
Product Code: 0075

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

Degreasing detergent for PVC surfaces

Uses advised against:

Uses other than those recommended.

1.3 Details of the supplier of the safety data sheet.

Company: **Fluidra Comercial España**
Address: Av. Alcalde Barnils, 69
City: 08174 Sant Cugat del Vallès
Province: Barcelona (España)
Telephone: telf: 902 42 32 22
Fax: +34 93 713 41 11
E-mail: fds@inquide.com
Web: www.ctxprofessional.com

1.4 Emergency telephone number: (Only available during office hours; Monday-Friday; 08:00-18:00)

Anti poisoning centre:

ITALY (Rome): 06/305 43 43

ITALY (Milan): 02/66 10 10 29

SPAIN: +34 91 562 04 20

FRANCE (Paris): 01 40 05 48 48 FRANCE (Toulouse): 05 61 77 74 47 FRANCE (Marseille): 04 91 75 25 25

PORTUGAL: 808 250 143

BELGIQUE (Brussel): (+32) 070 245 245

Sweden: 112 - Begär Giftinformation (ask for Poisons Information)

Denmark (Giftlinjen): +45 8212 1212

Finland: 0800 147 111

Norway: +47 22 59 13 00

Cyprus: 1401

Greece: (0030) 2107793777

Netherlands (NVIC): +31 (0)88 755 8000

Romania: +4021 318 360 6 Biroul RSI Si Informare Toxicologica

Apelabil de luni pâna vineri, între orele 8.00-15.00

CAV accreditati: Roma +39 06 68 59 3726; Foggia +39 800 18 34 59; Napoli +39 081 54 53 333; Roma +39 06 49 97 80 00;

Roma +39 06 30 54 343; Firenze +39 055 79 47 819; Pavia +39 0382 24 444; Milano +39 02 66 10 10 29; Bergamo +39 800 88 33 00; Verona +39 800 01 18 58.

SECTION 2: HAZARDS IDENTIFICATION.

2.1 Classification of the substance or mixture.

In accordance with Regulation (EU) No 1272/2008:

Eye Dam. 1 : Causes serious eye damage.

Skin Corr. 1B : Causes severe skin burns and eye damage.

2.2 Label elements.

Labelling in accordance with Regulation (EU) No 1272/2008:

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)



0075-Limpiador Desengrasante de Bordes

Version 1 Date of compilation: 23/10/2018

Version 6 (replaces version 5)

Revision date: 24/03/2022

Page 2 of 14

Print date: 27/11/2024

Pictograms:



Signal Word:

Danger

Hazard statements:

H314 Causes severe skin burns and eye damage.

Precautionary statements:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P280 Wear protective gloves/protective clothing/eye protection.

P301+P310 IF SWALLOWED: Call a POISON CENTRE or doctor immediately.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

Keep out of the reach of children.

Keep only in original container.

Contains:

sodium hydroxide

sodium etasulfate

Poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy-, branched and linear

2.3 Other hazards.

The mixture does not contain substances classified as PBT.

The mixture does not contain substances classified as vPvB.

The mixture does not contain any endocrine disrupting properties substances.

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS.

3.1 Substances.

Not Applicable.

3.2 Mixtures.

Substances posing a danger to health or the environment in accordance with the Regulation (EC) No. 1272/2008, assigned a Community exposure limit in the workplace, and classified as PBT/vPvB or included in the Candidate List:

Identifiers	Name	Concentrate	(*)Classification - Regulation (EC) No 1272/2008	
			Classification	Specifics concentration limits and Acute toxicity estimate

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)



0075-Limpiador Desengrasante de Bordes

Version 1 Date of compilation: 23/10/2018

Version 6 (replaces version 5)

Revision date: 24/03/2022

Page 3 of 14

Print date: 27/11/2024

Index No: 011-002-00-6 CAS No: 1310-73-2 EC No: 215-185-5 Registration No: 01-2119457892-27-XXXX	sodium hydroxide	2 - 5 %	Skin Corr. 1A, H314	Skin Corr. 1A, H314: C ≥ 5 % Skin Corr. 1B, H314: 2 % ≤ C < 5 % Skin Irrit. 2, H315: 0,5 % ≤ C < 2 % Eye Irrit. 2, H319: 0,5 % ≤ C < 2 %
CAS No: 126-92-1 EC No: 204-812-8 Registration No: 01-2119971586-23-XXXX	sodium etasulfate	3 - 10 %	Eye Dam. 1, H318 - Skin Irrit. 2, H315	-
Index No: 603-014-00-0 CAS No: 111-76-2 EC No: 203-905-0 Registration No: 01-2119475108-36-XXXX	[1] 2-butoxyethanol	1 - 10 %	Acute Tox. 4, H312 - Acute Tox. 4, H302 - Eye Irrit. 2, H319 - Skin Irrit. 2, H315	Oral: ETA = 1200 mg/kg pc (Armonizada ATP15)
CAS No: 127036-24-2	Poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy-, branched and linear	1 - 3 %	Acute Tox. 4, H302 - Eye Dam. 1, H318	-
CAS No: 104-76-7 EC No: 203-234-3 Registration No: 01-2119487289-20-XXXX	[1] 2-Ethyl-1-hexanol	0 - 10 %	Eye Irrit. 2, H319	-

(*) The complete text of the H phrases is given in section 16 of this Safety Data Sheet.

[1] Substance with a European Union exposure limit in the workplace (see section 8.1).

SECTION 4: FIRST AID MEASURES.

4.1 Description of first aid measures.

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

Inhalation.

Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration.

Eye contact.

Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance. Don't let the person to rub the affected eye.

Skin contact.

Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. NEVER use solvents or thinners. The use of personal protective equipment is recommended for people providing first aid (see section 8).

Ingestion.

If accidentally ingested, seek immediate medical attention. Keep calm. NEVER induce vomiting.

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

Corrosive Product, contact with eyes or skin can cause burns; ingestion or inhalation can cause internal damage, if this occurs immediate medical assistance is required.

Contact with eyes may cause irreversible damage.

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)



0075-Limpiador Desengrasante de Bordes

Version 1 Date of compilation: 23/10/2018

Version 6 (replaces version 5)

Revision date: 24/03/2022

Page 4 of 14

Print date: 27/11/2024

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

Request immediate medical attention. Never administer anything orally to persons who are unconscious. Do not induce vomiting. If the person vomits, clear the respiratory tract. Cover the affected area with a dry sterile bandage. Protect the affected area from pressure or friction.

SECTION 5: FIREFIGHTING MEASURES.

The product is NOT classified as flammable, in case of fire the following measures should be taken:

5.1 Extinguishing media.

Suitable extinguishing media:

Extinguisher powder or CO2. In case of more serious fires, also alcohol-resistant foam and water spray.

Unsuitable extinguishing media:

Do not use a direct stream of water to extinguish. In the presence of electrical voltage, you cannot use water or foam as extinguishing media.

5.2 Special hazards arising from the substance or mixture.

Special risks.

Exposure to combustion or decomposition products can be harmful to your health.

5.3 Advice for firefighters.

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways.

Fire protection equipment.

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and boots.

SECTION 6: ACCIDENTAL RELEASE MEASURES.

6.1 Personal precautions, protective equipment and emergency procedures.

For exposure control and individual protection measures, see section 8.

6.2 Environmental precautions.

Product not classified as hazardous for the environment, avoid spillage as much as possible.

6.3 Methods and material for containment and cleaning up.

Contain and collect spillage with inert absorbent material (earth, sand, vermiculite, Kieselguhr...) and clean the area immediately with a suitable decontaminant.

Deposit waste in closed and suitable containers for disposal, in compliance with local and national regulations (see section 13).

6.4 Reference to other sections.

For exposure control and individual protection measures, see section 8.

For later elimination of waste, follow the recommendations under section 13.

SECTION 7: HANDLING AND STORAGE.

7.1 Precautions for safe handling.

For personal protection, see section 8.

In the application area, smoking, eating, and drinking must be prohibited.

Follow legislation on occupational health and safety.

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)



0075-Limpiador Desengrasante de Bordes

Version 1 Date of compilation: 23/10/2018

Version 6 (replaces version 5)

Revision date: 24/03/2022

Page 5 of 14

Print date: 27/11/2024

Never use pressure to empty the containers. They are not pressure-resistant containers. Keep the product in containers made of a material identical to the original.

7.2 Conditions for safe storage, including any incompatibilities.

Store according to local legislation. Observe indications on the label. Store the containers between 5 and 25 ° C, in a dry and well-ventilated place, far from sources of heat and direct solar light. Keep far away from ignition points. Keep away from oxidising agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorized persons. Once the containers are open, they must be carefully closed and placed vertically to prevent spills.

The product is not affected by Directive 2012/18/EU (SEVESO III).

7.3 Specific end use(s).

None in particular.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

8.1 Control parameters.

Work exposure limit for:

Name	CAS No.	Country	Limit value	ppm	mg/m ³	
sodium hydroxide	1310-73-2	United Kingdom [1]	Eight hours			
			Short term		2	
		Éire [2]	Eight hours			
			Short term		2	
		Italia [3]	Eight hours			
			Short term		2	
		United States [4] (Cal/OSHA)	Eight hours	(Ceiling) 2		
			Short term			
		United States [5] (NIOSH)	Eight hours			(Ceiling) 2
			Short term			
		United States [6] (OSHA)	Eight hours			2
			Short term			
2-butoxyethanol	111-76-2	European Union [7]	Eight hours	20 (skin)	98 (skin)	
			Short term	50 (skin)	246 (skin)	
		United Kingdom [1]	Eight hours	25	123	
			Short term	50	246	
		Éire [2]	Eight hours	20	98	
			Short term	50	246	
		Italia [3]	Eight hours	20	98	
			Short term	50	246	
		United States [4] (Cal/OSHA)	Eight hours	20		
			Short term			
		United States [5] (NIOSH)	Eight hours	5		
			Short term			
United States [6] (OSHA)	Eight hours	50	240			
	Short term					
2-Ethyl-1-hexanol	104-76-7	European Union [7]	Eight hours	1	5,4	
			Short term			
		Éire [2]	Eight hours	1	5,4	
			Short term			

[1] According Limit Value (IOELV) list in 2nd Indicative Occupational Exposure adopted by Health and Safety Executive.

[2] According Code of Practice for the Safety, Health and Welfare at Work (Chemicals Agents) Regulations adopted by Health and Safety Authority (HSA).

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)



0075-Limpiador Desengrasante de Bordes

Version 1 Date of compilation: 23/10/2018

Version 6 (replaces version 5)

Revision date: 24/03/2022

Page 6 of 14

Print date: 27/11/2024

[3] Secondo il Decreto Legislativo del Governo n.277, 15/08/1991, il Decreto Legislativo n.66 ed il Decreto Ministeriale 26/02/2004.

[4] California Division of Occupational Safety and Health (Cal/OSHA) Permissible Exposure Limits (PELs).

[5] National Institute for Occupational Safety and Health. NIOSH Recommendations for occupational safety and health, Compendium of Policy Documents and Statements, January, 1992, DHHS (NIOSH) Publication No. 92-100.

[6] Occupational Safety and Health Administration, United States Department of Labor. Permissible Exposure limits (PELs), California Division of Occupational Safety and Health (Cal/OSHA) Permissible Exposure Limits (PELs).

[7] According both Binding Occupational Exposure Limits (BOELVs) and Indicative Occupational Exposure Limits (IOELVs) adopted by Scientific Committee for Occupational Exposure Limits to Chemical Agents (SCOEL).

The product does NOT contain substances with Biological Limit Values.

Concentration levels DNEL/DMEL:

Name	DNEL/DMEL	Type	Value
sodium hydroxide CAS No: 1310-73-2 EC No: 215-185-5	DNEL (Workers)	Inhalation, Chronic, Local effects	1 (mg/m ³)
	DNEL (Consumers)	Inhalation, Chronic, Local effects	1 (mg/m ³)
2-butoxyethanol CAS No: 111-76-2 EC No: 203-905-0	DNEL (Workers)	Inhalation, Chronic, Systemic effects	98 (mg/m ³)
2-Ethyl-1-hexanol CAS No: 104-76-7 EC No: 203-234-3	DNEL (Workers)	Inhalation, Chronic, Systemic effects	53,2 (mg/m ³)
	DNEL (Consumers)	Inhalation, Chronic, Systemic effects	2,3 (mg/m ³)
	DNEL (Workers)	Inhalation, Short term, Local effects	106,4 (mg/m ³)
	DNEL (Consumers)	Inhalation, Short term, Local effects	53,2 (mg/m ³)
	DNEL (Workers)	Dermal, Chronic, Systemic effects	23 (mg/kg bw/day)
	DNEL (Consumers)	Dermal, Chronic, Systemic effects	11,4 (mg/kg bw/day)
	DNEL (Consumers)	Oral, Chronic, Systemic effects	1,1 (mg/kg bw/day)

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.

DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

Concentration levels PNEC:

Name	Details	Value
2-Ethyl-1-hexanol CAS No: 104-76-7 EC No: 203-234-3	aqua (freshwater)	0,017 (mg/L)
	aqua (marine water)	0,0017 (mg/L)
	aqua (intermittent releases)	0,17 (mg/L)
	STP	10 (mg/L)
	sediment (freshwater)	0,28 (mg/kg sediment dw)
	sediment (marine water)	0,028 (mg/kg sediment dw)
	soil	0,047 (mg/kg soil dw)
	oral (Hazard for predators)	55 (mg/kg food)

PNEC: Predicted No Effect Concentration, concentration of the substance below which adverse effects are not expected in the environmental compartment.

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)



0075-Limpiador Desengrasante de Bordes

Version 1 Date of compilation: 23/10/2018

Version 6 (replaces version 5)

Revision date: 24/03/2022

Page 7 of 14

Print date: 27/11/2024

CAS: 111-76-2

TLV TWA - 20 ppm, A3 - 96,66 mg/m³, A3

TLV STEL - A3

VLE 8h - 98 mg/m³ - 20 ppm

VLE short - 246 mg/m³ - 50 ppm

8.2 Exposure controls.

Measures of a technical nature:

Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

Concentration:	100 %
Uses:	Degreasing detergent for PVC surfaces
Breathing protection:	
If the recommended technical measures are observed, no individual protection equipment is necessary.	
Hand protection:	
If the product is handled correctly, no individual protection equipment is necessary.	
Eye protection:	
If the product is handled correctly, no individual protection equipment is necessary.	
Skin protection:	
PPE:	Work footwear.
Characteristics:	«CE» marking, category II.
CEN standards:	EN ISO 13287, EN 20347
Maintenance:	This product adapts to the first user's foot shape. That is why, as well as for hygienic reasons, it should not be used by other people.
Observations:	Work footwear for professional use includes protection elements aimed at protecting users against any injury resulting from an accident

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

9.1 Information on basic physical and chemical properties.

Physical state: Liquid

Colour: Amber

Odour: Not applicable/Not available due to the nature/properties of the product

Odour threshold: Not applicable/Not available due to the nature/properties of the product

Melting point: Not applicable/Not available due to the nature/properties of the product

Freezing point: Not applicable/Not available due to the nature/properties of the product

Boiling point or initial boiling point and boiling range: Descompono °C

Flammability: Not applicable/Not available due to the nature/properties of the product

Lower explosion limit: Not applicable/Not available due to the nature/properties of the product

Upper explosion limit: Not applicable/Not available due to the nature/properties of the product

Flash point: 126 °C (Estimation based on the indication of the Regulation (CE) N°1272/2008.)

Auto-ignition temperature: Not applicable/Not available due to the nature/properties of the product

Decomposition temperature: Not applicable/Not available due to the nature/properties of the product

pH: 13-14 (20°C)

Kinematic viscosity: Not applicable/Not available due to the nature/properties of the product

Solubility: Not applicable/Not available due to the nature/properties of the product

Hydrosolubility: 100 %

Liposolubility: Alcohol y glicerol

Partition coefficient n-octanol/water (log value): Not applicable/Not available due to the nature/properties of the product

Vapour pressure: 22,9 (Estimation based on the indication of the Regulation (CE) N°1272/2008.)

Absolute density: Not applicable/Not available due to the nature/properties of the product

Relative density: 1.02 - 1.13 (20 °C)

Relative vapour density: Not applicable/Not available due to the nature/properties of the product

Particle characteristics: Not applicable/Not available due to the nature/properties of the product

9.2 Other information

Viscosity: Not applicable/Not available due to the nature/properties of the product

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)



0075-Limpiador Desengrasante de Bordes

Version 1 Date of compilation: 23/10/2018

Version 6 (replaces version 5)

Revision date: 24/03/2022

Page 8 of 14

Print date: 27/11/2024

Explosive properties: Not applicable/Not available due to the nature/properties of the product

Oxidizing properties: No applicable

Dropping point: Not applicable/Not available due to the nature/properties of the product

Blink: Not applicable/Not available due to the nature/properties of the product

SECTION 10: STABILITY AND REACTIVITY.

10.1 Reactivity.

The product does not present hazards by their reactivity.

10.2 Chemical stability.

Unstable in contact with:

- Acids.

10.3 Possibility of hazardous reactions.

Neutralization can occur on contact with acids.

10.4 Conditions to avoid.

- Avoid contact with acids.

10.5 Incompatible materials.

Avoid the following materials:

- Acids.

10.6 Hazardous decomposition products.

Depending on conditions of use, can be generated the following products:

- Corrosive vapors or gases.

SECTION 11: TOXICOLOGICAL INFORMATION.

2-butoxyethanol and its acetate are easily absorbed by the skin and can cause noxious effects to the kidneys.

11.1 Information on hazard classes as defined in Regulation (EC) N° 1272/2008.

Splatters in the eyes can cause irritation and reversible damage.

Toxicological information about the substances present in the composition.

Name	Acute toxicity			
	Type	Test	Kind	Value
sodium hydroxide CAS No: 1310-73-2 EC No: 215-185-5	Oral	LD50	Rabbit	325 mg/kg bw [1]
	Dermal			
	Inhalation			
2-butoxyethanol	Oral	LD50	Rat	1300 mg/kg [1]
		LD50	Rat	1300 mg/kg [2]
	Dermal			
		[1] OCDE 401		
		[2] OCDE 401		
	Dermal	LD50	Rat	> 2000 mg/kg [1]

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)



0075-Limpiador Desengrasante de Bordes

Version 1 Date of compilation: 23/10/2018

Version 6 (replaces version 5)

Revision date: 24/03/2022

Page 9 of 14

Print date: 27/11/2024

CAS No: 111-76-2 EC No: 203-905-0	Inhalation	[1] OCDE 402	
		LC50 Rat 450 ppm (4 h) [1]	
Poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy-, branched and linear	Oral	[1] OCDE	
	Dermal	LD50 Rat 2000 mg/kg	
	Inhalation	LD50 Rat >2000 mg/kg	
CAS No: 127036-24-2 EC No:	Oral	LD50 Rat 3290 mg/kg bw [1]	
		[1] OECD Guideline 401 (Acute Oral Toxicity)	
	Dermal	LD50 Rabbit 1970 mg/kg bw [1]	
CAS No: 104-76-7 EC No: 203-234-3	Inhalation	[1] Raw Material Data Handbook, Vol.1: Organic Solvents, 1974. Vol. 1, Pg. 61, 1974	
		LC50 Rat > 0.89 <= 5.3 mg/L air (4 h) [1]	
		[1] OECD Guideline 403 (Acute Inhalation Toxicity)	

a) acute toxicity;
Not conclusive data for classification.

Acute Toxicity Estimate (ATE):
Mixtures:
ATE (Dermal) = 36.798 mg/kg
ATE (Oral) = 9.507 mg/kg

b) skin corrosion/irritation;
Product classified:
Skin Corrosive, Category 1B: Causes severe skin burns and eye damage.

c) serious eye damage/irritation;
Product classified:
Serious eye damage, Category 1: Causes serious eye damage.

d) respiratory or skin sensitisation;
Not conclusive data for classification.

e) germ cell mutagenicity;
Not conclusive data for classification.

f) carcinogenicity;
Not conclusive data for classification.

g) reproductive toxicity;
Not conclusive data for classification.

h) STOT-single exposure;
Not conclusive data for classification.

i) STOT-repeated exposure;
Not conclusive data for classification.

j) aspiration hazard;
Not conclusive data for classification.

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)



0075-Limpiador Desengrasante de Bordes

Version 1 Date of compilation: 23/10/2018

Version 6 (replaces version 5)

Revision date: 24/03/2022

Page 10 of 14

Print date: 27/11/2024

11.2 Information on other hazards.

Endocrine disrupting properties

This product does not contain components with endocrine-disrupting properties with effects on human health.

Other information

There is no information available on other adverse health effects.

SECTION 12: ECOLOGICAL INFORMATION.

12.1 Toxicity.

Name	Ecotoxicity			
	Type	Test	Kind	Value
sodium hydroxide CAS No: 1310-73-2 EC No: 215-185-5	Fish	LC50	Fish	35-189 mg/kg (96 h)
	Aquatic invertebrates	EC50	Ceriodaphnia sp.	40.4 mg/L (48 h) [1]
	Aquatic plants			[1] Warne MSJ (1999), Ecotoxicology and Environmental Safety, 44, 196-206
2-butoxyethanol CAS No: 111-76-2 EC No: 203-905-0	Fish	LC50	Fish	1250 ppm (96 h)
	Aquatic invertebrates	EC50	Daphnia	1550 ppm (48 h)
	Aquatic plants	NOEC	Algae	88 mg/l (72 h)
Poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy-, branched and linear CAS No: 127036-24-2 EC No:	Fish	LC50	Cyprinus carpio	1-10 mg/l [1]
	Aquatic invertebrates	EC50	Daphnia magna	1-10 mg/l [1]
	Aquatic plants	EC50	Desmodesmus subspicatus	1-10 mg/l [1]
2-Ethyl-1-hexanol	Fish	LC50	Leuciscus melanotus idus	17.1 mg/L (96 h) [1]
	Aquatic invertebrates	EC50	Daphnia magna	27.4 mg/L (24 h) [1]

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)



0075-Limpiador Desengrasante de Bordes

Version 1 Date of compilation: 23/10/2018

Version 6 (replaces version 5)

Revision date: 24/03/2022

Page 11 of 14

Print date: 27/11/2024

CAS No: 104-76-7	EC No: 203-234-3	Aquatic plants	Scenedesmus subspicatus (new name: Desmodesmus subspicatus) Chlorella emersonii	11.5 mg/l (72 h) [1] 10 mg/l (48 h) [2]
			[1] EU Method C.3 (Algal Inhibition test) EEC 88/302 C.3 [2] Biological effects of solvent extraction chemicals on aquatic organisms, J Chem Technol Biotechnol 29, 249-259	

12.2 Persistence and degradability.

No information is available regarding the biodegradability of the substances present.

No information is available on the degradability of the substances present.

No information is available about persistence and degradability of the product.

The components of the product comply with the biodegradability criteria of Regulation (EC) No 648/2004 on detergents.

12.3 Bioaccumulative potential.

Information about the bioaccumulation of the substances present.

Name	Bioaccumulation			
	Log Pow	BCF	NOECs	Level
2-butoxyethanol CAS No: 111-76-2 EC No: 203-905-0	0,8	-	-	Very low
2-Ethyl-1-hexanol CAS No: 104-76-7 EC No: 203-234-3	2,73	-	-	Low

12.4 Mobility in soil.

No information is available about the mobility in soil.

The product must not be allowed to go into sewers or waterways.

Prevent penetration into the ground.

12.5 Results of PBT and vPvB assessment.

No information is available about the results of PBT and vPvB assessment of the product.

12.6 Endocrine disrupting properties.

This product doesn't contain components with environmental endocrine disrupting properties.

12.7 Other adverse effects.

No information is available about other adverse effects for the environment.

SECTION 13: DISPOSAL CONSIDERATIONS.

13.1 Waste treatment methods.

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.

Follow the provisions of Directive 2008/98/EC regarding waste management.

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)



0075-Limpiador Desengrasante de Bordes

Version 1 Date of compilation: 23/10/2018

Version 6 (replaces version 5)

Revision date: 24/03/2022

Page 12 of 14

Print date: 27/11/2024

SECTION 14: TRANSPORT INFORMATION.

Transport following ADR rules for road transport, RID rules for railway, ADN for inner waterways, IMDG for sea, and ICAO/IATA for air transport.

Land: Transport by road: ADR, Transport by rail: RID.

Transport documentation: Consignment note and written instructions

Sea: Transport by ship: IMDG.

Transport documentation: Bill of lading

Air: Transport by plane: ICAO/IATA.

Transport document: Airway bill.

14.1 UN number or ID number.

UN No: UN1760

14.2 UN proper shipping name.

Description:

ADR/RID: UN 1760, CORROSIVE LIQUID, N.O.S. (CONTAINS SODIUM HYDROXIDE), 8, PG III, (E)

IMDG: UN 1760, CORROSIVE LIQUID, N.O.S. (CONTAINS SODIUM HYDROXIDE), 8, PG III

ICAO/IATA: UN 1760, CORROSIVE LIQUID, N.O.S. (CONTAINS SODIUM HYDROXIDE), 8, PG III

14.3 Transport hazard class(es).

Class(es): 8

14.4 Packing group.

Packing group: III

14.5 Environmental hazards.

Marine pollutant: No

Transport by ship, FEm – Emergency sheets (F – Fire, S - Spills): F-A,S-B

14.6 Special precautions for user.

Labels: 8



Hazard number: 80

ADR LQ: 5 L

IMDG LQ: 5 L

ICAO LQ: 1 L

Provisions concerning carriage in bulk ADR: Not authorized carriage in bulk in accordance with ADR.

Proceed in accordance with point 6.

14.7 Maritime transport in bulk according to IMO instruments.

The product is not transported in bulk.

SECTION 15: REGULATORY INFORMATION.

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

The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)



0075-Limpiador Desengrasante de Bordes

Version 1 Date of compilation: 23/10/2018

Version 6 (replaces version 5)

Revision date: 24/03/2022

Page 13 of 14

Print date: 27/11/2024

Volatile organic compound (VOC)

VOC content (p/p): 3,115 %

VOC content: 31,777 g/l

The product complies with Regulation (EC) No 648/2004 on detergents.

Contains in accordance with Regulation (EC) No 648/2004 on detergents:

anionic surfactants

< 5%

NTA (nitrilotriacetic acid) and salts thereof

< 5%

Product classification according to Annex I of Directive 2012/18/EU (SEVESO III): N/A

The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

The product is not affected by the procedure established Regulation (EU) No 649/2012, concerning the export and import of dangerous chemicals.

Kind of pollutant to water (Germany): WGK 1: Slightly hazardous to water. (Autoclassified according to the AwSV Regulations)

15.2 Chemical safety assessment.

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: OTHER INFORMATION.

Complete text of the H phrases that appear in section 3:

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

Classification codes:

Acute Tox. 4 : Acute toxicity (Dermal), Category 4

Acute Tox. 4 : Acute toxicity (Oral), Category 4

Eye Dam. 1 : Serious eye damage, Category 1

Eye Irrit. 2 : Eye irritation, Category 2

Skin Corr. 1A : Skin Corrosive, Category 1A

Skin Corr. 1B : Skin Corrosive, Category 1B

Skin Irrit. 2 : Skin irritant, Category 2

Changes regarding to the previous version:

- Modification of specific hazards (SECTION 2.3).
- Changes in the composition of the product (SECTION 3.2).
- Modification in the firefighting measures (SECTION 5.2).
- Modifications in the accidental release measures (SECTION 6.1).
- Modification in the values of the physical and chemical properties (SECTION 9).
- Change in the hazard classification (SECTION 11.1).
- Modification of the classification ADR/IMDG/ICAO/IATA/RID (SECTION 14).
- National legislative changes (SECTION 15.1).
- Elimination of abbreviations and acronyms (SECTION 16).

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)



0075-Limpiador Desengrasante de Bordes

Version 1 Date of compilation: 23/10/2018

Version 6 (replaces version 5)

Revision date: 24/03/2022

Page 14 of 14

Print date: 27/11/2024

- Addition of abbreviations and acronyms (SECTION 16).

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Physical hazards	On basis of test data
Health hazards	Calculation method
Environmental hazards	Calculation method

It is advisable to carry out basic training with regard to health and safety at work in order to handle this product correctly.

Abbreviations and acronyms used:

ADR/RID: European Agreement concerning the International Carriage of Dangerous Goods by Road.

AWSV: Facility Regulations for handling substances that are hazardous for the water.

BCF: Bioconcentration factor.

CEN: European Committee for Standardization.

DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.

EC50: Half maximal effective concentration.

PPE: Personal protection equipment.

IATA: International Air Transport Association.

ICAO: International Civil Aviation Organization.

IMDG: International Maritime Code for Dangerous Goods.

LC50: Lethal concentration, 50%.

LD50: Lethal dose, 50%.

NOEC: No observed effect concentration.

PNEC: Predicted No Effect Concentration, concentration of the substance below which adverse effects are not expected in the environmental compartment.

RID: Regulations Concerning the International Transport of Dangerous Goods by Rail.

WGK: Water hazard classes.

Key literature references and sources for data:

<http://eur-lex.europa.eu/homepage.html>

<http://echa.europa.eu/>

Regulation (EU) 2020/878.

Regulation (EC) No 1907/2006.

Regulation (EU) No 1272/2008.

The information given in this Safety Data Sheet has been drafted in accordance with COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemical substances and mixtures (REACH).

The information in this Safety Data Sheet on the Preparation is based on current knowledge and on current EC and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.