SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

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

1.1. Product identifier

Product name : VALMA CHROME CLEANER F34A 100 ML

Product code : 1831309-006.

UFI : K11H-T4GX-VV0M-7T2U

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

Identified uses relevant :	Cleaning surfaces
Uses advised against :	Uses other than those identified relevant

Use descriptor system (REACH) :

PC 35 : Washing and cleaning (including the solvent-based products)

PC 31 : Wax and polish

1.3. Details of the supplier of the safety data sheet

Registered company name : SERVICE BEST INTERNATIONAL.

Address : De Run 4271.5503.LM Veldhoven.Netherland.

Telephone : +31 (0)4 02 30 23 00. Fax : +31 (0)4 02 30 23 02.

info@servicebest.com

www.servicebest.com

1.4. Emergency telephone number : +33 (0)1 45 42 59 59.

Association/Organisation : INRS / ORFILA http://www.centres-antipoison.net.

Other emergency numbers

United Kingdom emergency telephone number : 999

European emergency call : 112

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

Eye irritation, Category 2 (Eye Irrit. 2, H319).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements

Detergent mixture (see section 15).

In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms :

GHS07

Signal Word :

WARNING

Hazard statements :

H319	Causes serious eye irritation.

Precautionary statements - General :

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.

Precautionary statements - Prevention :

P264	Wash hands thoroughly after handling.

Precautionary statements - Response :

P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/attention.

Precautionary statements - Disposal :

P501	Dispose of empty or unused container to waste disposal or household waste in accordance with national regulations.

2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >= 0.1% published by the European CHemicals Agency (ECHA) under article 57 of REACH: http://echa.europa.eu/fr/candidate-list-table

The mixture fulfils the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Composition :

Identification	(EC) 1272/2008	Note	%
CAS: 1317-65-3 EC: 215-279-6 LIMESTONE		[1]	25 <= x % < 50
CAS: 7631-86-9 EC: 231-545-4 REACH: 01-2119379499-16 SILICON DIOXIDE		[1]	10 <= x % < 25
EC: 926-141-6 REACH: 01-2119456620-43 HYDROCARBONS, C11-C14, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS	GHS08 Dgr Asp. Tox. 1, H304 EUH:066		2.5 <= x % < 10
CAS: 68604-33-1 EC: 271-685-3 FATTY ACIDS, C14-18 AND C16-18-UNSATD., AMMONIUM SALTS	GHS07 Wng Eye Irrit. 2, H319		2.5 <= x % < 10
CAS: 34590-94-8 EC: 252-104-2 REACH: 01-2119450011-60 (2 - METHOXYMETHYLETHOXY)PROPANOL		[1]	2.5 <= x % < 10
INDEX: 603-064-00-3 CAS: 107-98-2 EC: 203-539-1 REACH: 01-2119457435-35 1-METHOXY-2-PROPANOL	GHS02, GHS07 Wng Flam. Liq. 3, H226 STOT SE 3, H336	[1]	2.5 <= x % < 10
CAS: 157627-86-6 EC: 500-337-8 REACH: ALCOHOLS, C13-15, BRANCHED AND LINEAR, ETHOXYLATED	GHS07, GHS05 Dgr Acute Tox. 4, H302 Eye Dam. 1, H318 Aquatic Chronic 3, H412		1 <= x % < 2.5

CAS: 14808-60-7 EC: 238-878-4 REACH: Exempted Annex V.7 QUARTZ (QUARTZ SAND)		[1]	0 <= x % < 1
CAS: 1336-21-6 EC: 215-647-6 REACH: 01-2119488876-14 AMMONIA SOLUTION	GHS05, GHS07, GHS09 Dgr Acute Tox. 4, H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 1, H400 M Acute = 1		0 <= x % < 1
CAS: 7631-86-9 EC: 231-545-4 SILICON DIOXIDE (DUST A)	GHS08 Dgr STOT RE 1, H372	[1]	0 <= x % < 1
INDEX: 603-106-00-0 CAS: 1589-47-5 EC: 216-455-5 2-METHOXYPROPANOL	GHS02, GHS08, GHS05, GHS07 Dgr Flam. Liq. 3, H226 Repr. 1B, H360D STOT SE 3, H335 Skin Irrit. 2, H315 Eye Dam. 1, H318	[1] [2]	0 <= x % < 1
CAS: 57-55-6 EC: 200-338-0 REACH: 01-2119456809-23 PROPYLENE GLYCOL		[1]	0 <= x % < 1

(Full text of H-phrases: see section 16)

Information on ingredients :

Silicon dioxide contains less than 0.1% (w/w) of silicon dioxide (dust A).

[1] Substance for which maximum workplace exposure limits are available.

[2] Carcinogenic, mutagenic or reprotoxic (CMR) substance.

SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures

In the event of splashes or contact with eyes :

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

If there is any redness, pain or visual impairment, consult an ophthalmologist.

In the event of splashes or contact with skin :

Rinse with soapy water.

In the event of swallowing :

Seek medical attention, showing the label.

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

Eye contact : Irritating to eyes.

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

Information for the doctor :

Treat symptomatically. Treatment of overexposure should be based Surle control of symptoms and the clinical condition of the patient.

If ingested, product may be aspirated into the lungs and cause pneumonia caused by chemicals. Treated accordingly. A light hydrocarbon, or a component thereof, may be associated with cardiac sensitization following exposures to very high (well above the occupational exposure limit values) or simultaneous exposure to high levels of stress or cardiac stimulants such as adrenaline. The administration of such substances is avoided.

SECTION 5 : FIREFIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media

Suitable methods of extinction

In the event of a fire, use :

- sprayed water or water mist
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO2)

Unsuitable methods of extinction

In the event of a fire, do not use :

- water jet

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO2)
- nitrogen oxide (NO)
- nitrogen dioxide (NO2)

5.3. Advice for firefighters

Cool containers / tanks with water spray.

Fold gas / fumes / mists with water spray.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Spills or accidental release, notify relevant authorities in accordance with current regulations.

6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For non first aid worker

Avoid any contact with the skin and eyes.

Avoid spills or further leakage if possible without risk.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

Isolate area.

6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

See control measures against fire in Section 5.

See protective measures listed in sections 7 and 8.

SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Fire prevention :

Prevent access by unauthorised personnel.

Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Avoid eye contact with this mixture.

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

No data available.

Storage

Keep out of reach of children.

Packaging

Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

No data available.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits :

- European Union (2019/1831, 2017/2398, 2017/164, 2009/161, 2006/15/CE, 2000/39/CE, 98/24/CE) :

CAS	VME-mg/m3 :	VME-ppm :	VLE-mg/m3 :	VLE-ppm :	Notes :
34590-94-8	308	50	-	-	Peau
107-98-2	375	100	568	150	Peau

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
34590-94-8	100 ppm	150 ppm		Skin	
107-98-2	100 ppm	150 ppm			
14808-60-7	0.05 mg/m3	-	-	-	R

- Belgium (Arrêté du 09/03/2014, 2014) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
1317-65-3	10 mg/m³				
34590-94-8	50 ppm 308 mg/m³			D	
107-98-2	100 ppm 375 mg/m³	150 ppm 568 mg/m³		D	
14808-60-7	0.1 mg/m³				

- France (INRS - ED984 / 2019-1487) :

CAS	VME-ppm :	VME-mg/m3 :	VLE-ppm :	VLE-mg/m3 :	Notes :	TMP No :
1317-65-3	-	10	-	-	-	-
34590-94-8	50	308	-	-	*	84
107-98-2	50	188	100	375	*	84
14808-60-7	-	0.1 A	-	-	-	25

- Luxembourg (RGD 14/11/2016, Memorial A n°247 du 8 mars 2017) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
34590-94-8	50 ppm 308 mg/m³	- ppm - mg/m³		Peau	
107-98-2	100 ppm 375 mg/m³	150 ppm 568 mg/m³		Peau	

- Switzerland (SUVAPRO 2017) :

CAS	VME	VLE	Valeur plafond	Notations		
1317-65-3	3 a	-	-	-	-	-

7631-86-9				SSC
34590-94-8	50 ppm 300 mg/m³	50 ppm 300 mg/m³		
107-98-2	100 ppm 360 mg/m³	200 ppm 720 mg/m³		B SSC
14808-60-7	0.15 a mg/m³			P C1 SSC
7631-86-9				SSC
1589-47-5	5 ppm 19 mg/m³	40 ppm 152 mg/m³		R RF2 RD2 SSB

- UK / WEL (Workplace exposure limits, EH40/2005, 2011) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
1317-65-3	- ppm 4 mg/m³	- ppm - mg/m³			
34590-94-8	50 ppm 308 mg/m³	- ppm - mg/m³		Sk	
107-98-2	100 ppm 375 mg/m³	150 ppm 560 mg/m³		Sk	
14808-60-7	0.3 mg/m3	-	-	-	R
57-55-6	150 ppm 474 mg/m³	- ppm - mg/m³			

Derived no effect level (DNEL) or derived minimum effect level (DMEL):

PROPYLENE GLYCOL (CAS: 57-55-6)

Final use: **Workers.**
Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 168 mg of substance/m3

Exposure method: Inhalation.
Potential health effects: Long term local effects.
DNEL : 10 mg of substance/m3

Final use: **Consumers.**
Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 50 mg of substance/m3

Exposure method: Inhalation.
Potential health effects: Long term local effects.
DNEL : 10 mg of substance/m3

(2 - METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)

Final use: **Workers.**
Exposure method: Dermal contact.
Potential health effects: Long term systemic effects.
DNEL : 65 mg/kg body weight/day

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 310 mg of substance/m3

Final use: **Consumers.**
Exposure method: Ingestion.
Potential health effects: Long term systemic effects.
DNEL : 1.67 mg/kg body weight/day

Exposure method:	Dermal contact.
Potential health effects:	Long term systemic effects.
DNEL :	15 mg/kg body weight/day
Exposure method:	Inhalation.
Potential health effects:	Long term systemic effects.
DNEL :	37.2 mg of substance/m3

Predicted no effect concentration (PNEC):

(2 - METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)

Environmental compartment:	Soil.
PNEC :	2.74 mg/kg
Environmental compartment:	Fresh water.
PNEC :	19 mg/l
Environmental compartment:	Sea water.
PNEC :	1.9 mg/l
Environmental compartment:	Intermittent waste water.
PNEC :	190 mg/l
Environmental compartment:	Fresh water sediment.
PNEC :	70.2 mg/kg
Environmental compartment:	Marine sediment.
PNEC :	7.02 mg/kg
Environmental compartment:	Waste water treatment plant.
PNEC :	4168 mg/l

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles with protective sides accordance with standard EN166.

In the event of high danger, protect the face with a face shield.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

- Hand protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- PVC (polyvinyl chloride)
- Butyl Rubber (Isobutylene-isoprene copolymer)
- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
- PVA (Polyvinyl alcohol)

Recommended properties :

- Impervious gloves in accordance with standard EN374

- Body protection

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General information :

Physical state :	Viscous liquid.
Opacity :	Opaque
Color :	Beige

Important health, safety and environmental information

pH :	Not stated. Strongly acidic.
Boiling point/boiling range :	100 °C.
Flash point interval :	Not relevant.
Oxidising properties :	Non comburant
Vapour pressure (50°C) :	Not relevant.
Density :	1510 g/L à 20°C Method for determining the density : ISO 3507 (Laboratory glassware - Pycnometers).
Water solubility :	Dilutable.
Viscosity :	Brookfield (7;100rpm)= 30000cP
Melting point/melting range :	Not relevant.
Self-ignition temperature :	Not relevant.
Decomposition point/decomposition range :	Not relevant.

9.2. Other information

No data available.

SECTION 10 : STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Avoid :

- frost
- heat

Do not apply on hot surfaces

10.5. Incompatible materials

Do not mix with other chemicals

10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO2)
- nitrogen oxide (NO)
- nitrogen dioxide (NO2)

SECTION 11 : TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days.

11.1.1. Substances

Acute toxicity :

AMMONIA SOLUTION (CAS: 1336-21-6)

Oral route :	LD50 = 350 mg/kg

ALCOHOLS, C13-15, BRANCHED AND LINEAR, ETHOXYLATED (CAS: 157627-86-6)

Oral route :	300 < LD50 <= 2000 mg/kg Species : Rat Other guideline

(2 - METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)

Oral route :	LD50 > 5000 mg/kg Species : Rat OECD Guideline 401 (Acute Oral Toxicity)
Dermal route :	LD50 = 9510 mg/kg Species : Rabbit OECD Guideline 402 (Acute Dermal Toxicity) Other guideline

HYDROCARBONS, C11-C14, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS

Oral route :	LD50 > 5000 mg/kg Species : Rat OECD Guideline 401 (Acute Oral Toxicity)
Dermal route :	LD50 > 5000 mg/kg Species : Rabbit OECD Guideline 402 (Acute Dermal Toxicity)
Inhalation route (n/a) :	LC50 > 5000 mg/m3

SILICON DIOXIDE (CAS: 7631-86-9)

Oral route :	LD50 > 5000 mg/kg Species : Rat OECD Guideline 401 (Acute Oral Toxicity)
Dermal route :	LD50 > 5000 mg/kg Species : Rabbit
Inhalation route (n/a) :	LC50 = 0.139 mg/l

LIMESTONE (CAS: 1317-65-3)

Oral route :	LD50 = 6450 mg/kg

Species : Rat

Skin corrosion/skin irritation :

(2 - METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)

Irritation : No observed effect.
Average score < 1.5
Species : Rabbit
OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

ALCOHOLS, C13-15, BRANCHED AND LINEAR, ETHOXYLATED (CAS: 157627-86-6)

Corrosivity : No observed effect.
Species : Rabbit
Other guideline

Other guideline

Serious damage to eyes/eye irritation :

ALCOHOLS, C13-15, BRANCHED AND LINEAR, ETHOXYLATED (CAS: 157627-86-6)

The substance produces at least in one animal effects on the cornea that are not expected to reverse or have not fully reversed within an observation period of normally 21 days.

Species : Rabbit
Other guideline

Germ cell mutagenicity :

(2 - METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)

No mutagenic effect.

Mutagenesis (in vivo) : Negative.

Mutagenesis (in vitro) : Negative.

HYDROCARBONS, C11-C14, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS

No mutagenic effect.

Carcinogenicity :

(2 - METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)

Carcinogenicity Test : Negative.
No carcinogenic effect.

HYDROCARBONS, C11-C14, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS

Carcinogenicity Test : Negative.
No carcinogenic effect.

Reproductive toxicant :

(2 - METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)

No toxic effect for reproduction

HYDROCARBONS, C11-C14, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS

No toxic effect for reproduction

Specific target organ systemic toxicity - repeated exposure :

SILICON DIOXIDE (DUST A) (CAS: 7631-86-9)

Inhalation route (Dusts/mist/fumes) : C <= 0.02 mg/l/6hrs/day

Duration of exposure : 90 days

SILICON DIOXIDE (CAS: 7631-86-9)

Duration of exposure : 90 days

Inhalation route (Dusts/mist/fumes) : C > 0,25 mg/l/6hrs/day
Duration of exposure : 90 days

(2 - METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)

Oral route : C = 1000 mg/kg bodyweight/day
Duration of exposure : 90 days

Dermal route : C = 4750 mg/kg bodyweight/day
Duration of exposure : 90 days

Inhalation route : C = 300 ppmV/6h/day
Duration of exposure : 90 days

11.1.2. Mixture

Specific target organ systemic toxicity - repeated exposure :

Inhalation route (Dusts/mist/fumes) : C > 0,25 mg/l/6hrs/day

SECTION 12 : ECOLOGICAL INFORMATION

12.1. Toxicity

12.1.1. Substances

ALCOHOLS, C13-15, BRANCHED AND LINEAR, ETHOXYLATED (CAS: 157627-86-6)

Fish toxicity : 1 < LC50 <= 10 mg/l
Species : Brachydanio rerio
Duration of exposure : 96 h

Crustacean toxicity : 1 < EC50 <= 10 mg/l
Species : Daphnia magna
Duration of exposure : 48 h

0,1 < NOEC <= 1 mg/l
Species : Daphnia magna

Algae toxicity : 1 < ECr50 <= 10 mg/l
Species : Scenedesmus subspicatus
Duration of exposure : 72 h

HYDROCARBONS, C11-C14, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS

Fish toxicity : LC50 > 1000 mg/l
Species : Oncorhynchus mykiss
Duration of exposure : 96 h
OECD Guideline 203 (Fish, Acute Toxicity Test)

Crustacean toxicity : EC50 > 1000 mg/l
Species : Daphnia magna
Duration of exposure : 48 h
OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

NOEC = 1.22 mg/l
Species : Daphnia magna

	Duration of exposure : 21 days Other guideline
Algae toxicity :	ECr50 > 1000 mg/l Species : Pseudokirchnerella subcapitata Duration of exposure : 72 h OECD Guideline 201 (Alga, Growth Inhibition Test)

SILICON DIOXIDE (CAS: 7631-86-9)

Fish toxicity :	LC50 > 10000 mg/l Species : Brachydanio rerio Duration of exposure : 96 h OECD Guideline 203 (Fish, Acute Toxicity Test)
Crustacean toxicity :	EC50 > 10000 mg/l Species : Daphnia magna Duration of exposure : 24 h OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

(2 - METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)

Fish toxicity :	LC50 > 1000 mg/l Species : Poecilia reticulata Duration of exposure : 96 h
Crustacean toxicity :	EC50 = 1919 mg/l Species : Daphnia magna Duration of exposure : 48 h
	NOEC > 0.5 mg/l Species : Daphnia magna Duration of exposure : 21 days
Algae toxicity :	ECr50 > 969 mg/l Species : Pseudokirchnerella subcapitata Duration of exposure : 96 h

12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

12.2.1. Substances

ALCOHOLS, C13-15, BRANCHED AND LINEAR, ETHOXYLATED (CAS: 157627-86-6)

Biodegradability :	Rapidly degradable.

(2 - METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)

Biodegradability :	Rapidly degradable.

HYDROCARBONS, C11-C14, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS

Biodegradability :	Rapidly degradable.

12.3. Bioaccumulative potential

12.3.1. Substances

(2 - METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)

Octanol/water partition coefficient :	log Koe = 1.01

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

German regulations concerning the classification of hazards for water (WGK, AwSV vom 18/04/2017, KBws) :

WGK 1 : Slightly hazardous for water.

SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

14.1. UN number

-

14.2. UN proper shipping name

-

14.3. Transport hazard class(es)

-

14.4. Packing group

-

14.5. Environmental hazards

-

14.6. Special precautions for user

-

SECTION 15 : REGULATORY INFORMATION

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

- Classification and labelling information included in section 2:

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2020/217 (ATP 14)

- Container information:

The mixture is contained in packaging that does not exceed 125 ml.

- Particular provisions :

No data available.

- Labelling for detergents (EC Regulation No. 648/2004,907/2006) :

- less than 5 % : nonionic surfactants
- 5 % or over but less than 15 % : aliphatic hydrocarbons
- less than 5 % : soap

- German regulations concerning the classification of hazards for water (WGK, AwSV vom 18/04/2017, KBws) :

WGK 1 : Slightly hazardous for water.

15.2. Chemical safety assessment

No data available.

SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Wording of the phrases mentioned in section 3 :

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H360D	May damage the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure .
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

Abbreviations :

DNEL : Derived No-Effect Level

PNEC : Predicted No-Effect Concentration

CMR: Carcinogenic, mutagenic or reprotoxic.

UFI : Unique Formula Identifier

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefahrdungsklasse (Water Hazard Class).

GHS07 : Exclamation mark

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.