

## SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2020/878)

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

#### 1.1. Product identifier

Product name : VALMA CHROME CLEANER 150ML  
Product code : 1831324-006.  
UFI : D31H-A46C-6V04-W4NW

#### 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 Schakel 60.5651.GH Eindhoven.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 : 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.

**VALMA CHROME CLEANER 150ML - 1831324-006**

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)  $\geq 0.1\%$  published by the European Chemicals Agency (ECHA) under article 59 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

The mixture does not contain substances  $\geq 0.1\%$  with endocrine disrupting properties in accordance with the criteria of the Delegated Regulation (EU) 2017/2100 of the Commission or Regulation (EU) 2018/605 of the Commission.

**SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2. Mixtures**

**Composition :**

Identification	Classification (EC) 1272/2008	Note	%
CAS: 1317-65-3 EC: 215-279-6  LIMESTONE		[i]	25 $\leq$ x % < 50
EC: 926-141-6 REACH: 01-2119456620-43  HYDROCARBONS, C11-C14, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS	GHS08 Dgr Asp. Tox. 1, H304 EUH066		2.5 $\leq$ 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 $\leq$ x % < 10
CAS: 34590-94-8 EC: 252-104-2 REACH: 01-2119450011-60  (2 - METHOXYMETHYLETHOXY)PROPANOL		[i]	2.5 $\leq$ 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	[i]	2.5 $\leq$ 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		0 $\leq$ x % < 2.5
CAS: 1336-21-6 EC: 215-647-6 REACH: 01-2119488876-14  AMMONIA SOLUTION >50%	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 $\leq$ x % < 2.5

**VALMA CHROME CLEANER 150ML - 1831324-006**

CAS: 57-55-6 EC: 200-338-0 REACH: 01-2119456809-23  PROPYLENE GLYCOL		[i]	0 <= x % < 2.5
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**Specific concentration limits:**

Identification	Specific concentration limits	ATE
CAS: 1317-65-3 EC: 215-279-6  LIMESTONE		oral: ATE = 6450 mg/kg BW
CAS: 34590-94-8 EC: 252-104-2 REACH: 01-2119450011-60  (2 - METHOXYMETHYLETHOXY)PROPANOL		dermal: ATE = 9510 mg/kg BW
CAS: 1336-21-6 EC: 215-647-6 REACH: 01-2119488876-14  AMMONIA SOLUTION >50%	STOT SE 3: H335 C>= 5%	oral: ATE = 350 mg/kg BW

**Information on ingredients :**

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

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

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

**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 on the 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

**VALMA CHROME CLEANER 150ML - 1831324-006**

- BC powder
- carbon dioxide (CO<sub>2</sub>)

**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 (CO<sub>2</sub>)
- nitrogen oxide (NO)
- nitrogen dioxide (NO<sub>2</sub>)

**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.

Prevent further spillage or leakage if possible without danger.

**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.

VALMA CHROME CLEANER 150ML - 1831324-006

**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 :

CAS	VME-mg/m <sup>3</sup> :	VME-ppm :	VLE-mg/m <sup>3</sup> :	VLE-ppm :	Notes :
34590-94-8 (2 - METHOXYMETHYLETHOXY)PROPANOL	308	50	-	-	-
107-98-2 1-METHOXY-2-PROPANOL	375	100	568	150	-

- Ireland :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
1317-65-3 LIMESTONE	10 mg/m <sup>3</sup>				
34590-94-8 (2 - METHOXYMETHYLETHOXY)PROPANOL	50 ppm 308 mg/m <sup>3</sup>				
107-98-2 1-METHOXY-2-PROPANOL	100 ppm 375 mg/m <sup>3</sup>	150 ppm 568 mg/m <sup>3</sup>			
57-55-6 PROPYLENE GLYCOL	150 ppm 470 mg/m <sup>3</sup>				

- UK :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
1317-65-3 LIMESTONE	4 mg/m <sup>3</sup>				
34590-94-8 (2 - METHOXYMETHYLETHOXY)PROPANOL	50 ppm 308 mg/m <sup>3</sup>				
107-98-2 1-METHOXY-2-PROPANOL	100 ppm 375 mg/m <sup>3</sup>	150 ppm 560 mg/m <sup>3</sup>			
57-55-6 PROPYLENE GLYCOL	10 mg/m <sup>3</sup>				

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

PROPYLENE GLYCOL (CAS: 57-55-6)

**Final use:**

Exposure method:  
Potential health effects:  
DNEL :

Exposure method:  
Potential health effects:  
DNEL :

**Final use:**

Exposure method:  
Potential health effects:

**Workers.**

Inhalation.  
Long term systemic effects.  
168 mg of substance/m<sup>3</sup>

Inhalation.  
Long term local effects.  
10 mg of substance/m<sup>3</sup>

**Consumers.**

Inhalation.  
Long term systemic effects.

**VALMA CHROME CLEANER 150ML - 1831324-006**

DNEL : 50 mg of substance/m<sup>3</sup>

Exposure method: Inhalation.  
Potential health effects: Long term local effects.  
DNEL : 10 mg of substance/m<sup>3</sup>

**(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/m<sup>3</sup>

**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/m<sup>3</sup>

**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**

**VALMA CHROME CLEANER 150ML - 1831324-006**

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 ISO 16321.

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 EN ISO 374-1.

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)

**- 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**

**Physical state**

Physical state : Viscous liquid.

Opacity : Opaque

**Colour**

Color : Beige

**Odour**

Odour threshold : Not stated.

**Melting point**

Melting point/melting range : Not relevant.

**Freezing point**

Freezing point / Freezing range : Not stated.

**Boiling point or initial boiling point and boiling range**

Boiling point/boiling range : 100 °C.

**Flammability**

Flammability (solid, gas) : Not stated.

**Lower and upper explosion limit**

Explosive properties, lower explosivity limit (%) Not stated.

:

Explosive properties, upper explosivity limit (%) Not stated.

:

**VALMA CHROME CLEANER 150ML - 1831324-006**

**Flash point**

Flash point interval : Not relevant.

**Auto-ignition temperature**

Self-ignition temperature : Not relevant.

**Decomposition temperature**

Decomposition point/decomposition range : Not relevant.

**pH**

pH : Not stated.

Neutral.

pH (aqueous solution) : Not stated.

**Kinematic viscosity**

Viscosity : Brookfield (7;100rpm)= 30000cP

**Solubility**

Water solubility : Dilutable.

Fat solubility : Not stated.

**Partition coefficient n-octanol/water (log value)**

Partition coefficient: n-octanol/water : Not stated.

**Vapour pressure**

Vapour pressure (50°C) : Not relevant.

**Density and/or relative density**

Density : 1510 g/L à 20°C

Method for determining the density :

ISO 3507 (Laboratory glassware - Pycnometers).

**Relative vapour density**

Vapour density : Not stated.

**9.2. Other information**

No data available.

**9.2.1. Information with regard to physical hazard classes**

No data available.

**Oxidising liquids**

Oxidising properties : Non comburant

**9.2.2. Other safety characteristics**

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 (CO<sub>2</sub>)

VALMA CHROME CLEANER 150ML - 1831324-006

- nitrogen oxide (NO)
- nitrogen dioxide (NO<sub>2</sub>)

**SECTION 11 : TOXICOLOGICAL INFORMATION**

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

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**

**a) Acute toxicity :**

AMMONIA SOLUTION >50% (CAS: 1336-21-6)

Oral route : LD50 = 350 mg/kg body weight

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 body weight

Species : Rat

OECD Guideline 401 (Acute Oral Toxicity)

Dermal route :

LD50 = 9510 mg/kg body weight

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 body weight

Species : Rat

OECD Guideline 401 (Acute Oral Toxicity)

Dermal route :

LD50 > 5000 mg/kg body weight

Species : Rabbit

OECD Guideline 402 (Acute Dermal Toxicity)

Inhalation route (Vapours) :

LC50 > 5000 mg/m<sup>3</sup>

LIMESTONE (CAS: 1317-65-3)

Oral route : LD50 = 6450 mg/kg body weight

Species : Rat

**b) 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

**VALMA CHROME CLEANER 150ML - 1831324-006**

Other guideline

**c) 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

**d) Respiratory or skin sensitisation :**

No data available.

**e) 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.

**f) 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.

**g) 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

**h) Specific target organ systemic toxicity - single exposure :**

No data available.

**i) Specific target organ systemic toxicity - repeated exposure :**

(2 - METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)  
Oral route : C = 1000 mg/kg body weight/day  
Duration of exposure : 90 days

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

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

**j) Aspiration hazard :**

No data available.

VALMA CHROME CLEANER 150ML - 1831324-006

**11.1.2. Mixture**

**a) Acute toxicity :**

No data available.

**b) Skin corrosion/skin irritation :**

No data available.

**c) Serious damage to eyes/eye irritation :**

No data available.

**d) Respiratory or skin sensitisation :**

No data available.

**e) Germ cell mutagenicity :**

No data available.

**f) Carcinogenicity :**

No data available.

**g) Reproductive toxicant :**

No data available.

**h) Specific target organ systemic toxicity - single exposure :**

No data available.

**i) Specific target organ systemic toxicity - repeated exposure :**

Inhalation route (Dusts/mist/fumes) : C > 0.25 mg/l/6hrs/day

**j) Aspiration hazard :**

No data available.

**11.1.2.2 Other information**

**11.2. Information on other hazards**

**Monograph(s) from the IARC (International Agency for Research on Cancer) :**

CAS 7631-86-9 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

CAS 14808-60-7 : IARC Group 1 : The agent is carcinogenic to humans.

CAS 7631-86-9 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

**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

**VALMA CHROME CLEANER 150ML - 1831324-006**

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)

(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

The surfactant(s) contained in this preparation meet the biodegradability criteria as defined in Regulation (EC) No. 648/2004 on detergents. Data supporting this claim are available to the competent authorities of the Member States and will be provided to them upon their express request or at the request of the detergent manufacturer.

#### 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 K<sub>ow</sub> = 1.01

**VALMA CHROME CLEANER 150ML - 1831324-006**

**12.4. Mobility in soil**

No data available.

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

No data available.

**12.6. Endocrine disrupting properties**

No data available.

**12.7. Other adverse effects**

No data available.

**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, 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 or ID 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**

-

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

-

**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. 2022/692 (ATP 18)

**Restrictions applied under Title VIII of Regulation (EC) No. 1907/2006 (REACH):**

The mixture does not contain any substance restricted under Annex XVII of Regulation (EC) No. 1907/2006 (REACH):  
<https://echa.europa.eu/substances-restricted-under-reach>.

**Explosives precursors :**

The mixture does not contain any substance subject to Regulation (EU) 2019/1148 on the marketing and use of explosives precursors.

**Particular provisions :**

No data available.

**VALMA CHROME CLEANER 150ML - 1831324-006**

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

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

**Persistent organic pollutants (POP) (Regulation (EU) 2019/1021):**

The mixture does not contain a persistent organic pollutant.

**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.

Redaction : BFC - labo@bfc-sa.fr

**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.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
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 and acronyms :**

LD50 : The dose of a test substance resulting in 50% lethality in a given time period.

LC50 : The concentration of a test substance resulting in 50% lethality in a given period.

EC50 : The effective concentration of substance that causes 50% of the maximum response.

ECr50 : The effective concentration of substance that causes 50% reduction in growth rate.

NOEC : The concentration with no observed effect.

REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.

ATE : Acute Toxicity Estimate

BW : Body Weight

DNEL : Derived No-Effect Level

PNEC : Predicted No-Effect Concentration

UFI : Unique formulation identifier.

STEL : Short-term exposure limit

TWA : Moyenne pondérée dans le temps

TLV : Threshold Limit Value (exposure)

AEV : Average Exposure Value.

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.

GHS07 : Exclamation mark

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.