

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 29.10.2020


Version number 1

Revision: 29.10.2020

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

- **1.1 Product identifier**
  - **Trade name:** Alpacon Degreaser III
  - **Article number:** 905234103
  - **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
Professional use only.
  - **Application of the substance / the mixture** Degreasing agent
  - **1.3 Details of the supplier of the safety data sheet**
  - **Supplier:**  
Alfa Laval Tumba AB  
Hans Stahles väg 7  
S-147 80 Tumba  
Sweden  
+46 8 530 650 00  
info.se@alfalaval.com
  - **Further information obtainable from:**  
For further questions regarding the safety data sheet, please contact your local Alfa Laval Sales Company which you find at [www.alfalaval.com](http://www.alfalaval.com) or in section 16 "Other Information" in the end of the safety data sheet
  - **1.4 Emergency telephone number:**  
For immediate, life-threatening emergencies, call 999  
For health advice and information (24h) dial 111 (NHS direct).
- In Europe: Call 112 and ask for poison information.

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
Eye Irrit. 2 H319 Causes serious eye irritation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**  
  
GHS07
- **Signal word** Warning
- **Hazard-determining components of labelling:**  
Isotridecanol, ethoxylated (>7-<15 EO)
- **Hazard statements**  
H319 Causes serious eye irritation.
- **Precautionary statements**  
P280 Wear eye protection / face protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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- P337+P313 If eye irritation persists: Get medical advice/attention.
- **2.3 Other hazards** No further relevant information available.
- **Results of PBT and vPvB assessment**
- **PBT:** The product is not, nor contains, a substance that is, PBT.
- **vPvB:** The product is not, nor contains a substance that is, vPvB.

### SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 69011-36-5	Isotridecanol, ethoxylated (>7-<15 EO) Acute Tox. 3, H301; Eye Dam. 1, H318	5-15%
CAS: 92129-93-6 EINECS: 295-893-9	Fermented whey Eye Irrit. 2, H319	1-5%

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** Call a POISON CENTER/doctor if you feel unwell.
- **After inhalation:** Supply fresh air; consult doctor if symptoms persists.
- **After skin contact:** Wash with water and soap.
- **After eye contact:**  
Flush the eye (hold eyelids apart) for 10 minutes with water. Remove any contact lenses. Continue rinsing.  
If symptoms persist consult doctor.
- **After swallowing:**  
Rinse the mouth with water.  
Do NOT induce vomiting.  
Contact a doctor/physician.
- **4.2 Most important symptoms and effects, both acute and delayed**  
Causes serious eye irritation.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
Treat symptomatically.

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** Not applicable.
- **5.2 Special hazards arising from the substance or mixture**  
Formation of toxic gases is possible during heating or in case of fire.
- **5.3 Advice for firefighters**
- **Protective equipment:**  
Wear self-contained respiratory protective device.  
Wear fully protective suit.

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**Additional information**

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

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

Avoid contact with eyes.

Ensure adequate ventilation

Do not breathe vapour.

**6.2 Environmental precautions:**

Do not allow to enter sewers/ surface or ground water.

Send for recovery or disposal in suitable receptacles.

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

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

**6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Avoid contact with eyes.

When using do not eat, drink or smoke.

**7.2 Conditions for safe storage, including any incompatibilities****Storage:****Requirements to be met by storerooms and receptacles:**

Store in a well-ventilated place.

Store in cool, dry conditions in well sealed receptacles.

**Information about storage in one common storage facility:** Not required.**7.3 Specific end use(s)**

Degreasing agent

Professional use only.

**SECTION 8: Exposure controls/personal protection****Additional information about design of technical facilities:**

Use only in well-ventilated areas.

Eye wash bottle or emergency eye wash fountain must be found in the work place.

**8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

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- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Take off contaminated clothing.  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes.
- **Respiratory protection:** In case of insufficient ventilation, wear suitable respiratory equipment.
- **Protection of hands:**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**  
Nitrile rubber, NBR  
Natural rubber, NR  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**  
Wear eye/face protection.



Tightly sealed goggles

- **Body protection:** Wear protective clothing.
- **Limitation and supervision of exposure into the environment** Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

#### · General Information

#### · Appearance:

· <b>Form:</b>	Liquid
· <b>Colour:</b>	Yellowish
· <b>Odour:</b>	Neutral
· <b>Odour threshold:</b>	Not determined.

· <b>pH-value at 20 °C:</b>	7.5
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#### · Change in condition

· <b>Melting point/freezing point:</b>	0 °C
· <b>Initial boiling point and boiling range:</b>	100 °C

· <b>Flash point:</b>	Not applicable.
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· <b>Flammability (solid, gas):</b>	Not applicable.
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· <b>Decomposition temperature:</b>	Not determined.
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· <b>Auto-ignition temperature:</b>	Product is not selfigniting.
· <b>Explosive properties:</b>	Product does not present an explosion hazard.
· <b>Explosion limits:</b>	
Lower:	Not determined.
Upper:	Not determined.
· <b>Oxidising properties</b>	Not applicable.
· <b>Vapour pressure:</b>	Not determined.
· <b>Density at 20 °C:</b>	1 g/cm <sup>3</sup>
· <b>Relative density</b>	1.0 kg/m <sup>3</sup>
· <b>Vapour density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.
· <b>Solubility in / Miscibility with water:</b>	Easily soluble.
· <b>Partition coefficient: n-octanol/water:</b>	Not determined.
· <b>Viscosity:</b>	
Dynamic at 20 °C:	1 mPas
Kinematic:	Not determined.
· <b>Solvent content:</b>	
Organic solvents:	0.0 %
· <b>9.2 Other information</b>	No further relevant information available.

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** Material is stable under normal conditions.
- **10.2 Chemical stability**  
Stable under normal temperature conditions and under recommended usage and storage.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** None known.
- **10.5 Incompatible materials:** None known.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:**

**CAS: 69011-36-5 Isotridecanol, ethoxylated (>7-<15 EO)**

Oral	LD50	300-2,000 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rabbit)

- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation**  
Causes serious eye irritation.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

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- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:**  
No further relevant information available.

<b>CAS: 69011-36-5 Isotridecanol, ethoxylated (&gt;7-&lt;15 EO)</b>	
LC50 (96 h)	1-10 mg/L (Fish)
EC50 (48 h)	1-10 mg/L (Daphnia)
EC50 (72 h)	1-10 mg/L (Algae)
<b>CAS: 92129-93-6 Fermented whey</b>	
LC50 (48 h)	>300 mg/L (Daphnia)
LC50 (96 h)	>1,000 mg/L (Fish)
EC50 (72 h)	>300 mg/L (Algae)

- **12.2 Persistence and degradability**

biodegradable

The surfactants contained in the product correspond to the legislation on the environmental compatibility of detergents and are biodegradable.

- **12.3 Bioaccumulative potential** Does not accumulate in organisms
- **12.4 Mobility in soil** The product is expected to have high mobility in soil.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** The product is not, nor contains, a substance that is, PBT.
- **vPvB:** The product is not, nor contains a substance that is, vPvB.
- **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- **European waste catalogue**

20 00 00	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01 00	separately collected fractions (except 15 01)
20 01 30	detergents other than those mentioned in 20 01 29

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- **Uncleaned packaging:**
- **Recommendation:**  
Disposal must be made according to official regulations.  
Packaging may be reused or recycled after cleaning.

### SECTION 14: Transport information

- |   |                 |
|---|-----------------|
| · <b>14.1 UN-Number</b><br>· <b>ADR, ADN, IMDG, IATA</b>                                    | Void            |
| · <b>14.2 UN proper shipping name</b><br>· <b>ADR, ADN, IMDG, IATA</b>                      | Void            |
| · <b>14.3 Transport hazard class(es)</b><br>· <b>ADR, ADN, IMDG, IATA</b><br>· <b>Class</b> | Void            |
| · <b>14.4 Packing group</b><br>· <b>ADR, IMDG, IATA</b>                                     | Void            |
| · <b>14.5 Environmental hazards:</b><br>· <b>Marine pollutant:</b>                          | No              |
| · <b>14.6 Special precautions for user</b>  | Not applicable. |
| · <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>            | Not applicable. |
| · <b>UN "Model Regulation":</b>   | Void            |

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
EU regulation (EC) no 1272/2008 (CLP)  
EU Regulation (EC) no.1907/2006 (REACH)
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
- **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**  
None of the ingredients is listed.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

#### LIMITATION OF LIABILITY

This document is only intended to be used as guidance as regards the risks of which we are aware that are associated with the product. Every individual who works with the product or in close

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proximity of it must receive suitable training. Individuals who come into contact with the product must be capable of using their own judgement as regards conditions or methods for handling, storing and using the product. Alfa Laval is not liable for demands, losses or damage of any kind that arise from flaws or deficiencies in this document or from using, handling, storing or disposing of the product unless it can be proven that Alfa Laval has acted in a grossly negligent manner. Beyond what has been agreed upon and specified in writing with Alfa Laval in the individual case, Alfa Laval makes no promises or assumes any liability, including but not limited to implicit guarantees regarding marketability or appropriateness in terms of both the information provided in this document and the product to which the information refers.

Please contact your local Alfa Laval Sales Company for further questions.

[www.alfalaval.com](http://www.alfalaval.com)

**Relevant phrases**

H301 Toxic if swallowed.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

**Classification according to Regulation (EC) No 1272/2008** Bridging principles**Contact:**

Argentina: [alfa.consulta@alfalaval.com](mailto:alfa.consulta@alfalaval.com)

Australia: [australia.info@alfalaval.com](mailto:australia.info@alfalaval.com)

Austria: [info.mideurope@alfalaval.com](mailto:info.mideurope@alfalaval.com)

Belgium: [benelux.info@alfalaval.com](mailto:benelux.info@alfalaval.com)

Bolivia: [alfa.consulta@alfalaval.com](mailto:alfa.consulta@alfalaval.com)

Brazil: [alfalaval.br@alfalaval.com](mailto:alfalaval.br@alfalaval.com)

Bulgaria: [bulgaria.info@alfalaval.com](mailto:bulgaria.info@alfalaval.com)

Canada: [alfacan.info@alfalaval.com](mailto:alfacan.info@alfalaval.com)

Chile: [chile.informacion@alfalaval.com](mailto:chile.informacion@alfalaval.com)

China: [china.info@alfalaval.com](mailto:china.info@alfalaval.com)

Colombia: [info.colombia@alfalaval.com](mailto:info.colombia@alfalaval.com)

Croatia: [hrvatska.info@alfalaval.com](mailto:hrvatska.info@alfalaval.com)

Czech Republic: [czechrepublic.info@alfalaval.com](mailto:czechrepublic.info@alfalaval.com)

Denmark: [info.nordic.dk@alfalaval.com](mailto:info.nordic.dk@alfalaval.com)

Egypt: [alme.marketing@alfalaval.com](mailto:alme.marketing@alfalaval.com)

Estonia: [estonia.info@alfalaval.com](mailto:estonia.info@alfalaval.com)

Finland: [info.fi@alfalaval.com](mailto:info.fi@alfalaval.com)

France: [environnement@alfalaval.com](mailto:environnement@alfalaval.com)

Germany: [info.mideurope@alfalaval.com](mailto:info.mideurope@alfalaval.com)

Greece: [greece.info@alfalaval.com](mailto:greece.info@alfalaval.com)

Hungary: [info.hu@alfalaval.com](mailto:info.hu@alfalaval.com)

India: [india.info@alfalaval.com](mailto:india.info@alfalaval.com)

Indonesia: [alfalindo@alfalaval.com](mailto:alfalindo@alfalaval.com)

Israel: [israel.info@alfalaval.com](mailto:israel.info@alfalaval.com)

Italy: [alfalaval.italia@alfalaval.com](mailto:alfalaval.italia@alfalaval.com)

Latvia: [latvia.info@alfalaval.com](mailto:latvia.info@alfalaval.com)

Lithuania: [lithuania.info@alfalaval.com](mailto:lithuania.info@alfalaval.com)

Malaysia: [malaysia.info@alfalaval.com](mailto:malaysia.info@alfalaval.com)

Mexico: [mexico.info@alfalaval.com](mailto:mexico.info@alfalaval.com)

The Netherlands: [benelux.info@alfalaval.com](mailto:benelux.info@alfalaval.com)

New Zealand: [newzealand.info@alfalaval.com](mailto:newzealand.info@alfalaval.com)

Norway: [info.no@alfalaval.com](mailto:info.no@alfalaval.com)

Peru: [ventas.peru@alfalaval.com](mailto:ventas.peru@alfalaval.com)

Philippines: [philippines.info@alfalaval.com](mailto:philippines.info@alfalaval.com)

Poland: [poland.info@alfalaval.com](mailto:poland.info@alfalaval.com)

Portugal: [portugal.info@alfalaval.com](mailto:portugal.info@alfalaval.com)

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Qatar: alme.marketing@alfalaval.com  
Romania: romania.info@alfalaval.com  
Russia: moscow.response@alfalaval.com  
Singapore: al.singapore@alfalaval.com  
Slovak Republic: slovakia.info@alfalaval.com  
Slovenia: slovenija.info@alfalaval.com  
South Africa: info.sa@alfalaval.com  
Spain: info.spain@alfalaval.com  
Sweden: info.se@alfalaval.com  
Switzerland: info.mideurope@alfalaval.com  
Taiwan: taiwan.info@alfalaval.com  
Thailand: thailand.info@alfalaval.com  
Turkey: turkey@alfalaval.com  
Ukraine: ukraine.info@alfalaval.com  
United Arab Emirates: alme.marketing@alfalaval.com  
United Kingdom: general.uk@alfalaval.com  
United States: customerservice.usa@alfalaval.com  
Venezuela: venezuela.info@alfalaval.com  
Vietnam: vietnam.info@alfalaval.com

**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
Acute Tox. 3: Acute toxicity - oral – Category 3  
Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

\* **Data compared to the previous version altered.**

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