

**Gunk Engine Degreasant (Foam)**

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) &amp; 2020/878

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier**

Product Name Gunk Engine Degreasant (Foam)  
Product code 6729  
Unique Formula Identifier (UFI) J110-X0YN-000G-AVMK

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

Identified Use(s) Intended for general public.  
Uses Advised Against Not known.

**1.3 Details of the supplier of the safety data sheet****Manufacturer**

Company Identification Granville Oil & Chemicals Ltd  
Address of Manufacturer 29 Goldthorpe Ind. Est.,  
Goldthorpe,  
Rotherham,  
South Yorkshire,

Postal code S63 9BL

Telephone: +44 (0)1709 890099

Fax Not known.

E-mail lab@granvilleoil.com

Office hours 08:00 - 17:00

**Supplier**

Company Identification Veedol Deutschland GmbH  
Address of Supplier Hans-Böckler-Straße 10  
Langenfeld,  
Germany

Postal code 40764

Telephone: +49 (0) 2173 893 30 30

Fax Not known.

E-mail lab@granvilleoil.com

Office hours

**1.4 Emergency telephone number**

Emergency Phone No. +44 (0)1709 890099

Contact Granville Lab

National response centre

Address NHS Direct

Emergency Phone No. +44 111

**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

**Gunk Engine Degreasant (Foam)**

Regulation (EC) No. 1272/2008 (CLP) Aerosol 1 :Extremely flammable aerosol. Pressurised container: May burst if heated.  
 Aquatic Chronic 3 :Harmful to aquatic life with long lasting effects.

**2.2 Label elements**

According to Regulation (EC) No. 1272/2008 (CLP)

Product Name Gunk Engine Degreasant (Foam)

Contains Kerosine, propan-2-ol isopropyl alcohol isopropanol

## Hazard Pictogram(s)



GHS02

Signal Word(s) Danger

Hazard Statement(s)

H222: Extremely flammable aerosol.  
 H229: Pressurised container: May burst if heated.  
 H412: Harmful to aquatic life with long lasting effects.

Precautionary Statement(s)

P102: Keep out of reach of children.  
 P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P211: Do not spray on an open flame or other ignition source.  
 P251: Do not pierce or burn, even after use.  
 P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.  
 P501: Dispose of contents in accordance with local, state or national legislation.

Unique Formula Identifier (UFI) J110-X0YN-000G-AVMK

**2.3 Other hazards**

None known.

**2.4 Additional Information**

For full text of H/P Statements see section 16.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Substances**

Not applicable.

**3.2 Mixtures**

| HAZARDOUS INGREDIENT(S) | CAS No. | EC No. / REACH | %W/W | Hazard Statement(s) | Hazard Pictogram(s) |
|-------------------------|---------|----------------|------|---------------------|---------------------|
|                         |         |                |      |                     |                     |

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|   |            | Registration No. |       |   |                                  |
|---|------------|------------------|-------|---|----------------------------------|
| Petroleum gases, liquefied Petroleum gas [A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C3 through C7 and boiling in the range of approximately -40 °C to 80 °C (-40 °F to 176 °F).]     | 68476-85-7 | 270-704-2        | 10-30 | Flam. Gas 1A H220   | GHS02                            |
| Kerosine (petroleum) Straight run kerosine [A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 150 °C to 290 °C (320 °F to 554 °F).] | 8008-20-6  | 232-366-4        | 1-10  | Flam. Liq. 3 H226<br>Asp. Tox. 1 H304<br>Skin Irrit. 2 H315<br>STOT SE 3 H336<br>Aquatic Chronic 2 H411 | GHS02<br>GHS08<br>GHS07<br>GHS09 |
| propan-2-ol isopropyl alcohol isopropanol   | 67-63-0    | 200-661-7        | 1-10  | Flam. Liq. 2 H225<br>Eye Irrit. 2 H319<br>STOT SE 3 H336  | GHS02<br>GHS07                   |

Contains no non-classified vPvB substances.

Contains no non-classified substances with a Union workplace exposure limit.

For full text of H/P Statements see section 16.

#### SECTION 4: FIRST AID MEASURES

##### 4.1 Description of first aid measures

|              |  |
|--------------|--|
| Inhalation   | Remove person to fresh air and keep comfortable for breathing.   |
| Skin Contact | Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.   |
| Eye Contact  | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| Ingestion    | Call a poison center or a doctor if you feel unwell.   |

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

May cause drowsiness or dizziness.

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

Treat symptomatically.

#### SECTION 5: FIREFIGHTING MEASURES

##### 5.1 Extinguishing media

Suitable Extinguishing media Water spray. Dry powder. Foam. Carbon dioxide.

**Gunk Engine Degreasant (Foam)****5.2 Special hazards arising from the substance or mixture**

|  |   |
|--|---|
| Fire hazard                                      | Extremely flammable aerosol.                |
| Explosion hazard                                 | Pressurised container: May burst if heated. |
| Hazardous decomposition products in case of fire | Toxic fumes may be released.                |

**5.3 Advice for firefighters**

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

|                      |   |
|----------------------|---|
| Emergency procedures | Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.   |
| Protective equipment | Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |

**6.2 Environmental precautions**

Avoid release to the environment.

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

Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a lidded container for disposal or recovery.

**6.4 Reference to other sections**

See Also Section 8, 13.

**SECTION 7: HANDLING AND STORAGE****7.1 Precautions for safe handling**

|                               |   |
|-------------------------------|---|
| Precautions for safe handling | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. Wear personal protective equipment. |
| Hygiene measures              | Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.  |

**7.2 Conditions for safe storage, including any incompatibilities**

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

**7.3 Specific end use(s)**

Not known.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters**

**Gunk Engine Degreasant (Foam)**

## 8.1.1 Occupational Exposure Limits

| Occupational Exposure Limits |            |                     |                                    |            |                           |      |
|------------------------------|------------|---------------------|------------------------------------|------------|---------------------------|------|
| SUBSTANCE.                   | CAS No.    | LTEL (8 hr TWA ppm) | LTEL (8 hr TWA mg/m <sup>3</sup> ) | STEL (ppm) | STEL (mg/m <sup>3</sup> ) | Note |
| Liquefied petroleum gas      | 68476-85-7 | 1000                | 1750                               | 1250       | 2180                      | (f)  |
| Propan-2-ol                  | 67-63-0    | 400                 | 999                                | 500        | 1250                      |      |

Region                      Source  
 United Kingdom        UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)

Remark                    Notes  
 (f)                          Carc (only applies if LPG contains more than 0.1% of buta-1,3-diene)

**8.2 Exposure controls**

8.2.1. Appropriate engineering controls    Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.

## 8.2.2. Personal protection equipment



Eye Protection                      Wear eye protection with side protection (EN166).



Skin protection                      Not normally required.



Respiratory protection            In case of insufficient ventilation, wear suitable respiratory equipment.



Thermal hazards                    None known.

8.2.3. Environmental Exposure Controls    Avoid release to the environment.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**9.1 Information on basic physical and chemical properties**

|  |                              |
|--|------------------------------|
| Physical state   | Aerosol                      |
| Colour   | White                        |
| Odour  | Characteristic.              |
| Melting point/freezing point                             | Not known.                   |
| Boiling point or initial boiling point and boiling range | Not applicable.              |
| Flammability   | Extremely flammable aerosol. |
| Lower and upper explosion limit                          | Not known.                   |
| Flash Point  | < 23 °C                      |
| Auto-ignition temperature                                | Not known.                   |

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|   |  |
|---|--|
| Decomposition Temperature                         | Not known.   |
| pH  | Not known.   |
| Kinematic Viscosity                               | Not known.   |
| Solubility  | Solubility (Water): Not known.<br>Solubility (Other): Not known. |
| Partition coefficient n-octanol/water (log value) | Not known.   |
| Vapour pressure                                   | Not known.   |
| Density and/or relative density                   | Not known.   |
| Relative vapour density                           | Not known.   |
| Particle characteristics                          | Not known.   |
| Explosive properties                              | Pressurised container: May burst if heated.                      |
| <b>9.2 Other information</b>                      | None.  |

**SECTION 10: STABILITY AND REACTIVITY****10.1 Reactivity**

Extremely flammable aerosol. Pressurised container: May burst if heated.

**10.2 Chemical Stability**

Stable under normal conditions.

**10.3 Possibility of hazardous reactions**

No hazardous reactions known if used for its intended purpose.

**10.4 Conditions to avoid**

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

**10.5 Incompatible materials**

Not known.

**10.6 Hazardous decomposition products**

No hazardous decomposition products known.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

|                                |   |
|--------------------------------|---|
| Acute toxicity - Ingestion     | Calculation method : Not classified.              |
| Acute toxicity - Skin Contact  | Calculation method : Not classified.              |
| Acute toxicity - Inhalation    | Calculation method : Not classified.              |
| Skin corrosion/irritation      | Calculation method : Causes mild skin irritation. |
| Serious eye damage/irritation  | Calculation method : Not classified.              |
| Skin sensitization data        | Calculation method : Not classified.              |
| Respiratory sensitization data | Calculation method : Not classified.              |
| Germ cell mutagenicity         | Calculation method : Not classified.              |
| Carcinogenicity                | Calculation method : Not classified.              |
| Reproductive toxicity          | Calculation method : Not classified.              |
| Lactation                      | Calculation method : Not classified.              |
| STOT - single exposure         | Calculation method : Not classified.              |

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STOT - repeated exposure

Calculation method : Not classified.

Aspiration hazard

Calculation method : Not classified.

**11.2 Information on other hazards**

Not known.

**SECTION 12: ECOLOGICAL INFORMATION****12.1 Toxicity**

Harmful to aquatic life with long lasting effects.

Toxicity - Aquatic invertebrates

Not known.

Toxicity - Fish

Not known.

Toxicity - Algae

Not known.

Toxicity - Sediment Compartment

Not classified.

Toxicity - Terrestrial Compartment

Not classified.

**12.2 Persistence and degradability**

Not known.

**12.3 Bioaccumulative potential**

Not known.

**12.4 Mobility in soil**

Not known.

**12.5 Results of PBT and vPvB assessment**

Not known.

**12.6 Endocrine disrupting properties**

None known.

**12.7 Other adverse effects**

Not known.

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

Dispose of contents in accordance with local, state or national legislation. Dispose of this material and its container to hazardous or special waste collection point. Recycle only completely emptied packaging. Containers must not be punctured or destroyed by burning, even when empty. Do not allow to enter drains, sewers or watercourses. Do NOT landfill.

**13.2 Additional Information**

Disposal should be in accordance with local, state or national legislation.

**SECTION 14: TRANSPORT INFORMATION****14.1 UN number or ID number**

UN No.

1950

**14.2 UN proper shipping name**

UN proper shipping name

AEROSOLS

**14.3 Transport hazard class(es)**

**Gunk Engine Degreasant (Foam)**

## ADR/RID

ADR/RID Class 2  
ADR Classification Code 5F  
Special Provisions 190 327 344 625  
Limited Quantities 1 L  
Excepted Quantities E0  
Emergency Action Code

Mixed Packing Instructions for Packages P207 LP200  
Special Packing Provisions for Packages PP87 RR6 L2  
Mixed Packing Instructions for Packages MP9  
Packing Instructions for Portable Tanks

Special Provisions for Portable Tanks

Tank Code for Tanks

Special Provisions for Tanks

Vehicle for Tank Carriage

ADR Transport Category 2  
Tunnel Restriction Code D  
Special Provisions for Carriage - V14

Packages

Special Provisions for Carriage - Bulk

Special Provisions for Carriage - Loading, CV9 CV12

Unloading and Handling

Special Provisions for Carriage - S2

Operation

ADR HIN

IMDG

IMDG Class 2  
Special Provisions 190 327 344 625  
Limited Quantities 1 L  
Excepted Quantities E0

Mixed Packing Instructions for Packages P207 LP200  
Special Packing Provisions for Packages PP87 RR6 L2  
Packing Instructions for Portable Tanks

Special Provisions for Portable Tanks

IMDG EMS F-D, S-U  
Stowage and Handling SW1 SW22  
Segregation SG69

Marine Pollutant

ICAO/IATA

IATA Proper Shipping Name AEROSOLS  
Excepted Quantities E0  
Passenger and Cargo Aircraft Limited Y203

Quantities Packing Instructions

Passenger and Cargo Aircraft Limited 30Kg G

Quantities Max net Qty



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|   |                  |
|---|------------------|
| Passenger and Cargo Aircraft Packing Instructions | 203              |
| Passenger and Cargo Aircraft Max net Qty          | 75Kg             |
| Cargo Aircraft Packing Instructions               | 203              |
| Cargo Aircraft Max net Qty                        | 150Kg            |
| Special Provisions                                | A145, A167, A802 |
| Emergency Response Guidebook (ERG) Code           | 10L              |
| Labels  |                  |
| Labels  | 2.1              |

**14.4 Packing group**

Packing group

**14.5 Environmental hazards**

Environmental hazards Not classified as a Marine Pollutant.

**14.6 Special precautions for user**

Special precautions for user Not known.

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

No information available

**SECTION 15: REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for Authorisation Not listed

REACH: ANNEX XIV list of substances subject to authorisation

Not listed

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Carcinogens: category 1A (68476-85-7), Kerosine (petroleum) Straight run kerosine [A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 150 °C to 290 °C (320 °F to 554 °F).] (8008-20-6), propan-2-ol isopropyl alcohol isopropanol (67-63-0)

Community Rolling Action Plan (CoRAP) Not listed

Regulation (EU) N° 2019/1021 of the European Parliament and of the Council on persistent organic pollutants Not listed

Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer

Not listed

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals

**Gunk Engine Degreasant (Foam)****National regulations**

Other Not known.

**15.2 Chemical Safety Assessment**

A REACH chemical safety assessment has not been carried out.

**SECTION 16: OTHER INFORMATION**

The following sections contain revisions or new statements:

**LEGEND**

Hazard Pictogram(s)



GHS02

GHS07: GHS: Exclamation mark

GHS08: GHS: Health hazard

GHS09: GHS: Environment

Hazard classification

Flam. Gas 1A : Flammable gas Category 1A

Aerosol 1 : Aerosol, Category 1

Flam. Liq. 2 : Flammable liquid, Category 2

Flam. Liq. 3 : Flammable liquid, Category 3

Asp. Tox. 1 : Aspiration hazard, Category 1

Skin Irrit. 2 : Skin corrosion/irritation, Category 2

Eye Irrit. 2 : Serious eye damage/irritation, Category 2

STOT SE 3 : Specific target organ toxicity — single exposure, Category 3

Aquatic Chronic 2 : Hazardous to the aquatic environment, Chronic, Category 2

Aquatic Chronic 3 : Hazardous to the aquatic environment, Chronic, Category 3

Hazard Statement(s)

H220: Extremely flammable gas.

H222: Extremely flammable aerosol.

H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H229: Pressurised container: May burst if heated.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H411: Toxic to aquatic life with long lasting effects.

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H412: Harmful to aquatic life with long lasting effects.

## Precautionary Statement(s)

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211: Do not spray on an open flame or other ignition source.

P251: Do not pierce or burn, even after use.

P273: Avoid release to the environment.

P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

P501: Dispose of contents in accordance with local, state or national legislation.

## Acronyms

ADN : European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

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

ATE : Acute Toxicity Estimate

CAS : Chemical Abstracts Service

CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

DNEL : Derived No Effect Level

EC : European Community

EINECS : European Inventory of Existing Commercial Chemical Substances

IATA : International Air Transport Association

IBC : Intermediate Bulk Container

ICAO : International Civil Aviation Organization

IMDG : International Maritime Dangerous Goods

LTEL : Long term exposure limit

PBT : Persistent, Bioaccumulative and Toxic

PNEC : Predicted No Effect Concentration

REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals

RID : Regulations concerning the International Carriage of Dangerous Goods by Rail

STEL : Short term exposure limit

STOT : Specific Target Organ Toxicity

UN : United Nations

vPvB : very Persistent and very Bioaccumulative

Key literature references and sources for Regulation (EC) No. 1272/2008 (CLP) data used to compile the SDS

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