



# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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## Gunk Engine Degreaser Aerosol

Revision 1

Revision date 2014-06-30

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

#### 1.1. Product identifier

Product name Gunk Engine Degreaser Aerosol

#### 1.3. Details of the supplier of the safety data sheet

Company Granville Oil & Chemicals Ltd  
Address 29 Goldthorpe Industrial Estate  
Goldthorpe, Rotherham,  
S63 9BL ENGLAND  
Telephone +44 (0) 1709 890099  
Fax +44 (0) 1709 891121

#### 1.4. Emergency telephone number

Emergency telephone number +44 (0)1709 890099  
830am - 5.00pm Monday - Friday

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC F+; R12 Xi; R38 N; R51/53 R66-67  
Symbols: F+: Extremely flammable. Xi: Irritant. N: Dangerous for the environment.  
Main hazards Extremely flammable. Irritating to skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

#### 2.2. Label elements

Symbols F+: Extremely flammable. Xi: Irritant. N: Dangerous for the environment.



Risk phrases R12 - Extremely flammable.  
R38 - Irritating to skin.  
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R65 - Harmful: may cause lung damage if swallowed.  
R66 - Repeated exposure may cause skin dryness or cracking.  
R67 - Vapours may cause drowsiness and dizziness.

Safety phrases S2 - Keep out of the reach of children.  
S16 - Keep away from sources of ignition - No smoking.  
S23 - Do not breathe gas/fumes/vapour/spray.  
S24/25 - Avoid contact with skin and eyes.  
S29 - Do not empty into drains.  
S51 - Use only in well-ventilated areas.  
S62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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## 2.3. Other hazards

Other hazards	P251 - Pressurized container: Do not pierce or burn, even after use. P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F. Do not spray on naked flame or any other incandescent material.
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## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Kerosine.		8008-20-6	232-366-4		20 - 30%	Xn; R65 Xi; R38 N; R51/53 R10
Naphtha, hydrotreated heavy		64742-48-9	265-150-3		20 - 30%	Xn; R65 R10-66-67
Butane	601-004-00-0	106-97-8	203-448-7	01-2119474691-32	20 - 30%	F+; R12
Propane	601-003-00-5	74-98-6	200-827-9	01-2119486944-21	20 - 30%	F+; R12
Non-Ionic Surfactant Blend					1 - 10%	Xi; R38-41

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing.
Ingestion	DO NOT INDUCE VOMITING.

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

Inhalation	May cause irritation to respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	May cause irritation to mucous membranes.

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

Inhalation	Seek medical attention if irritation or symptoms persist.
Eye contact	Seek medical attention if irritation or symptoms persist.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	Seek medical attention if irritation or symptoms persist.

## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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## 5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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## 5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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## SECTION 6: Accidental release measures

## 6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area.
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## 6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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## 6.3. Methods and material for containment and cleaning up

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## 6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

## 6.4. Reference to other sections

See section 8 & 13 for further information.

## SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.

## 7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

## SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

## 8.1.1. Exposure Limit Values

Butane	WEL 8-hr limit ppm: 600	WEL 8-hr limit mg/m <sup>3</sup> : 1450
	WEL 15 min limit ppm: 750	WEL 15 min limit mg/m <sup>3</sup> : 1810

## 8.2. Exposure controls



## 8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

## 8.2.2. Individual protection measures

In case of splashing, wear:.. Approved safety goggles. Wear protective clothing.

## Skin protection - Handprotection

Chemical resistant gloves (PVC).

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

State	Aerosol
Colour	Clear
Odour	Aromatic
Flash point	-12 °C

## 9.2. Other information

Specific gravity	0.81 g/cm <sup>3</sup>
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## SECTION 10: Stability and reactivity

## 10.1. Reactivity

No data available.

## 10.2. Chemical stability

Stable under normal conditions.

## 10.3. Possibility of hazardous reactions

No data available.

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## 10.4. Conditions to avoid

No data available.

## 10.5. Incompatible materials

No data available.

## 10.6. Hazardous decomposition products

Burning produces obnoxious and irritating fumes.

**SECTION 11: Toxicological information**

## 11.1.4. Toxicological Information

No data available.

**SECTION 12: Ecological information**

## 12.2. Persistence and degradability

No data is available on this product.

## 12.3. Bioaccumulative potential

No data is available on this product.

## 12.4. Mobility in soil

No data is available on this product.

## 12.5. Results of PBT and vPvB assessment

No data available.

## 12.6. Other adverse effects

No data available.

**SECTION 13: Disposal considerations**

## General information

Dispose of in accordance with local and national regulations.

## Disposal methods

Contact a licensed waste disposal company.

## Disposal of packaging

Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

**SECTION 14: Transport information**

## Hazard pictograms



## 14.1. UN number

UN1950

## 14.2. UN proper shipping name

AEROSOLS

## 14.3. Transport hazard class(es)

## ADR/RID

2

## Subsidiary risk

see SP63

## IMDG

2

## Subsidiary risk

see SP63

## IATA

2

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<b>14.3. Transport hazard class(es)</b>	
Subsidiary risk	see SP63
<b>14.4. Packing group</b>	
Packing group	-
<b>14.5. Environmental hazards</b>	
Environmental hazards	No
Marine pollutant	No
<b>ADR/RID</b>	
Hazard ID	-
Tunnel Category	(D)
<b>IMDG</b>	
EmS Code	F-D S-U
<b>IATA</b>	
Packing Instruction (Cargo)	203
Maximum quantity	150 kg
Packing Instruction (Passenger)	203
Maximum quantity	75 kg

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
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**SECTION 16: Other information****Other information**

Revision	This document differs from the previous version in the following areas:. 2 - Other hazards. 2 - 2.1. Classification of the substance or mixture. 8 - 8.2.2. Individual protection measures. 15 - Safety phrases.
Text of risk phrases in Section 3	R10 - Flammable R12 - Extremely flammable. R38 - Irritating to skin. R41 - Risk of serious damage to eyes. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 - Harmful: may cause lung damage if swallowed. R66 - Repeated exposure may cause skin dryness or cracking. R67 - Vapours may cause drowsiness and dizziness.