

GRS6 CLEANER

1. IDENTIFICATION OF THE SUBSTANCE/ USE/ COMPANY DETAILS

Trade Name: GRS6 Cleaner

Company Identification: Brit-Lube Limited
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2. HAZARDS IDENTIFICATION


Classification under CLP: Eye Irrit.,: H319; Skin Irrit.2: H315

Most important adverse effects: Causes skin irritation. Causes serious eye irritation

Label elements:

Hazard statements: H315: Causes skin irritation
H319: Causes serious eye irritation

Signal words: Warning

Hazard pictograms: GHS07: Exclamation mark


Precautionary statements: P280: Wear Protective gloves/eye protection.
P302+352: IF ON SKIN: Wash with plenty of water/soap and water.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Other hazards: **PBT:** This product is not identified as a PBT/vPvB substance.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients:

3- BUTOXYPROPAN-2-OL

EINECS	CAS	PBT/WEL	CLP Classification	Percent
225-878-4	5131-66-8	-	Eye Irrit. 2: H319; Skin Irrit. 2: H315	10-30%

FATTY ALCOHOL POLYGLYCOL ETHER

-	68920-66-1	-	Skin Irrit. 2: H315	1-10%
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4. FIRST AID MEASURES

Description of First Aid Measures:

Skin Contact:	Wash immediately with plenty of soap and water.
Eye Contact:	Bathe the eye with running water for 15 minutes. Consult a doctor.
Ingestion:	Wash out mouth with water. Consult a doctor.
Inhalation:	Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

Most Important Symptoms and Effects, both Acute and Delayed

Skin Contact:	There may be irritation and redness at the site of contact.
Eye Contact:	There may be irritation and redness. The eyes may water profusely.
Ingestion:	There may be soreness and redness of the mouth and throat.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.
Delayed/immediate effects:	Immediate effects can be expected after short-term exposure.

Indication of any Immediate Medical Attention and Special Treatment Needed

Immediate/special treatment:	Eye bathing equipment should be available on the premises.
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5. FIRE FIGHTING MEASURES

Extinguishing Media:	Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
Exposure Hazards:	In combustion emits toxic fumes.
Advice for Fire-Fighters:	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorized personal. Turn leaking containers leak-side up to prevent the escape of liquid.
Environmental Precautions:	Do not discharge into drains or rivers. Contain the spillage using bunding.
Clean up Procedures:	Absorb with inert, absorbent material. Transfer to suitable, labeled containers for disposal.

7. HANDLING AND STORAGE

Handling Requirements:	Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.
Storage Conditions:	Store in a cool, well ventilated area. Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Measures:	Ensure there is sufficient ventilation of the area.
Respiratory Protection:	Self-contained breathing apparatus must be available in case of emergency.
Hand Protection:	Protective gloves.
Eye Protection:	Safety glasses. Ensure eye bath is to hand.
Skin Protection:	Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description:	Liquid
Colour:	Colourless
Odour:	Characteristic Odour
Relative density:	0.925 – 0.928
Ph:	9.10 – 9.25

10. STABILITY AND REACTIVITY

Reactivity:	Stable under recommended transport or storage conditions.
Chemical Stability:	Stable under normal conditions.
Hazardous Reactions:	Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
Conditions to avoid:	Heat.
Materials to avoid:	Strong oxidizing agents. Strong acids.
Haz. Decomp. Products:	In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Hazardous Ingredients:

3-BUTOXYPROPAN-2-OL

SKN	RBT	LD50	3100	mg/kg
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FATTY ALCOHOL POLYGLYCOL ETHER

ORAL	RAT	LD50	<2000	mg/kg
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Relevant hazards for substance:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms/ Routes of Exposure

Skin Contact:

There may be irritation and redness at the site contact.

Eye contact:

There may be irritation and redness. The eyes may water profusely.

Ingestion:

There may be soreness and redness of the mouth and throat.

Inhalation:

There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed/immediate effects:

Immediate effects can be expected after short-term exposure.

12. ECOLOGICAL INFORMATION

Hazardous ingredients:

FATTY ALCOHOL POLYGLYCOL ETHER

Bacteria	LC50	>10	g/l
ZEBRAFISH (Brachydanio rerio)	96H LC50	10-100	Mg/l

Persistence and degradability:

Biodegradable.

Bioaccumulative potential:

No bioaccumulation potential.

Mobility in soil:

Readily absorbed into soil.

PBT identification:

This product is not identified as a PBT/vPvB substance.

Other adverse effects:

Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS

Disposal operations:

Transfer to a suitable container and arrange for collection by specialised disposal Company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

Transport class: This product does not require a classification for transport.

15. REGULATORY INFORMATION

Specific regulations: Not applicable.

16. OTHER INFORMATION

Other Information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

*indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and 2.3: H315: Causes skin irritation.
H319: Causes serious eye irritation.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

DISCLAIMER OF LIABILITY:

To the best of our knowledge, the information contained herein is accurate. Although certain hazards may be described we cannot predict that these are the only hazards, or combination of hazards, that may exist in a workplace. This MSDS, therefore, forms a component only of a risk assessment carried out by, or on behalf of, the user. The conditions of handling, storage, use or disposal of the product are beyond our control. For this and other reasons, we do not assume responsibility and expressly disclaim any liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product. This MSDS was prepared solely for the product stated and should not be used for any other product.

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