PRODUCT SAFETY DATA SHEET

This generic SDS is provided by MGS Ltd to give information to assist with material handling of the products listed which are conforming to Commission Regulation (EU) No 2015-830, 1272/2008 and 453/2010.

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

1.1 Product Identifier

Product Name:	**V-Bore Liquid**
Synonyms / Trade Name:	V-Bore Liquid

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

Recommended Use:	Viscosifier
Restriction on Use:	None identified
Physical Properties:	Tan liquid odourless

1.3 Details of the supplier of the Safety Data Sheet

Name:	MGS Ltd
Address:	Rougham Industrial Estate, Bury St Edmunds, IP30 9ND
Country:	UK
Phone N°:	+44 1359 271167
Email:	info@mgs.co.uk
Website:	www.mgs.co.uk

1.4 Emergency telephone number

Emergency telephone at the company	+44 7738 197 517
Available outside office hours:	Yes
Language of the phone service:	English
E-mail of competent person responsible	darren.portway@mgs.co.uk
National contact:	Darren Portway

SECTION 2: Hazard Identification

2.1 Classification of the substance or mixture

Classification under CLP: Eye Dam. 1: H318

Most important adverse effects: **Causes serious eye damage**.

2.2 Label elements

Hazard statements: H318: Causes serious eye damage.
Hazard pictograms: GHS05: Corrosion

Signal Word: **Danger**



Precautionary statements:
P280: Wear protective gloves/protective clothing/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.
P310: Immediately call a doctor.

2.3 Other hazards

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

SECTION 3: Composition / Information on Ingredients

3.1 Substances

Hazardous ingredients:
ISOTRIDECANOL, ETHOXYLATED (>5-20 EO)

EINECS	CAS	PBT/WEL	CLP Classification	Percent
	69011-36-5		Eye Dam: 1, HD318 Aquatic Chron 3, H302	1-10%

3.2 Mixtures

Not applicable.

SECTION 4: First Aid Measures

4.1 Description of first aid measures

Skin contact:	Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
Eye contact:	Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist Examination.
Ingestion:	Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.
Inhalation:	Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

4.2 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 pain and redness. The eyes may water profusely. There may be severe pain. The vision may be become blurred. May cause permanent damage.
Ingestion:	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest. Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

4.3 Indication of any immediate medical attention and special treatment needed

Eye bathing equipment should be available on the premises.

SECTION 5: Fire Fighting Measures

5.1 Extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool containers.

5.2 Special hazards arising from the substance or mixture

In combustion emits toxic fumes

5.3 Advice for fire fighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin or eyes.

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment, and emergency procedures

Refer to section 8 of SOS for personal protection details. Do not attempt to take action without suitable protective clothing - see section 8 of SOS. Avoid contact with the skin or eyes.

6.2 Environmental precautions

Do not discharge into drains or rivers.

6.3 Methods and material for containment and cleaning up

Transfer to a closable, labelled salvage container for disposal by an appropriate method such as a liquid spill kit.

6.4 Reference to other sections

Refer to Section 8 of SOS. Refer to Section 13 of SOS.

SECTION 7: Handling & Storage

7.1 Precautions for safe handling

Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.

Wash any exposed skin immediately after any chemical contact, before breaks and meals, and at the end of each work period. Avoid contact with eyes.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, well-ventilated area. Keep container tightly closed. Suitable packaging: Must only be kept in original packaging.

7.3 Specific end use(s)

Viscosifier.

SECTION 8: Exposure Controls / Personal Protection

8.1 Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC: No data available.

8.2 Exposure controls

Engineering measures:
Ensure there is sufficient ventilation of the area.

Personal Protective Equipment

Eye protection:	Tightly fitting safety goggles. Ensure eye bath is to hand.	
Hand protection:	Protective safety chemical gloves.	
Skin protection:	Protective clothing.	
Respiratory protection:	Personal Protective Equipment, not required under normal use.	

Environmental:
Do not discharge into drains or rivers.

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

State:	Liquid
Colour:	Tan
Odour:	Odourless
Evaporation Rate:	No data available
Oxidising:	Non-oxidising (by EC criteria)
Solubility in Water:	No data available
Viscosity:	No data available
Boiling point/range °C:	No data available
Flammability limits %: lower:	Not applicable
Flammability limits %: higher:	Not applicable
Flash point °C:	>260
Auto-flammability °C:	Not applicable
Relative density:	No data available
VOC g/1:	No data available
Melting point/range °C:	Not applicable
Part coeff. n-octanol/water:	Not applicable
Vapour pressure:	Not applicable
pH:	No data available

9.2 Other information

No other data available.

SECTION 10: Stability and Reactivity

10.1 Reactivity

Stable under recommended transport or storage conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4 Conditions to avoid

Avoid heat.

10.5 Incompatible materials

Strong oxidising agents. Strong acids.

10.6 Hazardous decomposition products

In combustion emits toxic fumes.

SECTION 11: Toxicological Information

11.1 Information on toxicological effects

Route	Species	Test	Value	Units
Oral	Rat	LD50	>5000	Mg/kg

Relevant hazards for products

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

Symptoms / routes of exposure	
Skin contact:	There may be irritation and redness at the site of contact.
Eye contact:	There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
Ingestion:	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest.

Delayed immediate effects:
Immediate effects can be expected after short-term exposure.

SECTION 12: Ecological Information

12.1 Toxicity

Species	Test	Value	Units
Rainbow Trout (Onchorhynchus mykiss)	96H LC50	490	Mg/l

12.2 Persistence and degradability

No data available

12.3 Bio accumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

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

12.6 Other adverse effects

Negligible ecotoxicity.

SECTION 13: Disposal Considerations

13.1 Waste treatment methods

Disposal operations:
Transfer to suitable container and arrange for collection by specialised disposal company.
Disposal of packaging:
Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.
N.B. The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: Transportation Information

14.1 UN number

This product does not require a classification for transport.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precaution for user
Not applicable.
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable.
SECTION 15: Regulatory Information
15.1 Safety, health, and environmental regulations / legislation specific for the substance or mixture
Not applicable.
15.2 Chemical safety assessment
A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.
SECTION 16: Other Information
According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830. **H318: Causes serious eye damage**. **H412: Harmful to aquatic life with long lasting effects**

Disclaimer:

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability of completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for their own particular use.