



**Triton Chemical Manufacturing Co. Ltd.**

129 Felixstowe Road, Abbeywood, London SE2 9SG

Tel 020 8310 3929 Fax 020 8312 0349

[info@triton-chemicals.com](mailto:info@triton-chemicals.com) [www.triton-chemicals.com](http://www.triton-chemicals.com)



**Non-hazardous**

MSDS Ref: TR

**211**

Publication date

**18/4/97**

Revision date

**18/03/2003**

1. PRODUCT NAME:

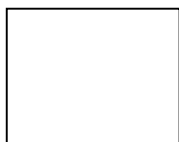
**TRIBOR GEL**

**HSE No. 6099**

2. COMPOSITION

Hazardous ingredient	CAS No.	Weight %	Symbols	Risk Phrases
Disodium Octoborate Tetrahydrate	12230-03-04	46	None	None
1,2-Propanediol	57-55-6			

3. HAZARD IDENTIFICATION



May cause eye irritation, and mild skin irritation on prolonged contact.

4. FIRST AID

CONTACT WITH SKIN	Wash with plenty of water or soap and water.
CONTACT WITH EYES	Wash out with water for several minutes. Seek medical advice.
INGESTION	Wash out mouth with water and give water to drink. Do not induce vomiting. If patient feels unwell, seek medical attention.
INHALATION	Remove to fresh air.

OTHER INFORMATION

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA	As appropriate to surrounding fire
SPECIAL PROTECTIVE EQUIPMENT	No particular requirements

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	Wear respiratory protection if large amounts of dust are generated.
ENVIRONMENTAL PRECAUTIONS	No environment hazard.
CLEAN-UP PROCEDURES	Sweep up and place in container for re-use or disposal to landfill.

**7. HANDLING AND STORAGE**

HANDLING PRECAUTIONS Observe normal industrial hygiene methods.

STORAGE INFORMATION Store in a cool, dry place.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Use PVC or synthetic/rubber gloves and eye/face protection when applying the product.

EXPOSURE LIMITS None assigned in EH40

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Colourless gel	Oxidising properties	None
Odour	None	Vapour pressure	30Pa (25°C)
pH	9 (1% in water)	Relative density	1200kg/m <sup>3</sup>
Boiling point	>190°C	Bulk density	Not Relevant
Melting point	Not Relevant	Viscosity	No Data
Flash point	>100°C	Solubility	Soluble in water
Autoignition temperature	>370°C	Partition coefficient	No data
Explosive properties	LEL s.6%, UEL 12.5%	Other data	

**10. STABILITY/REACTIVITY**

STABILITY Stable

CONDITIONS TO AVOID Protect from moisture (product is hygroscopic)

MATERIELS TO AVOID Strong oxidising agents

**11. TOXICOLOGICAL INFORMATION**

Low acute oral toxicity LD<sub>50</sub> (by calculation) >5000mg/kg

**12. ECOLOGICAL INFORMATION**

MOBILITY Mobile in the soil.

DEGRADABILITY Not biodegradable

ACCUMULATION There is a likelihood of bioaccumulation or biomagnification.

ECTOTOXICITY Boron is an essential micronutrient for plant life, but phytotoxic in large amounts.

### 13. DISPOSAL CONSIDERATIONS

DISPOSAL OF PRODUCT: Dispose of by landfill in a commercial site, in accordance with local and national regulations.

DISPOSAL OF PACKAGING: As for product.

---

### 14. TRANSPORT INFORMATION

Not regulated for transport by road, rail, sea or air.

---

### 15. REGULATORY INFORMATION

CLASSIFICATION Not classified as hazardous.

This product is approved under the control of pesticides regulations 1986 for use by Professional Operators as directed. HSE No. 6099

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risk as required by health and safety legislation.

---

### 16. OTHER INFORMATION

The information contained in this data sheet is to the best of our knowledge accurate at the date of publication, but we cannot accept responsibility that it is sufficient or correct in all cases.

The data contained herein does not constitute a specification. Such information is available from the technical data sheet for the product.

*Abbreviations: OES – occupational exposure standard. STEL – short-term exposure limit. LTEL – long term exposure limit. TWA – time weighted (8 hour) average. LEL – lower explosive limit. UEL – upper explosive limit.*