



MSDS Ref:
TR 211

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Non Hazardous

1.PRODUCT NAME: TRIBOR GEL HSE No. 6099

2. HAZARD IDENTIFICATION

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

3. COMPOSITION

| HAZARDOUS INGREDIENT | CAS No. | Weight % | Symbols | Risk Phrases |
|---|------------------------|----------|---------|--------------|
| Disodium Octoborate Tetrahydrate 1,2-Propanediol | 12280-03-04 57-55-6 | 20 | None | None |

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 LIMITES 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 ³ |
| 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)

MATERIALS TO AVOID: Strong oxidising agents.

11. TOXICOLOGICAL INFORMATION

Low acute oral toxicity LD₅₀ (by calculation) >5000mg/kg

12. ECOLOGICAL INFORMATION

MOBILITY: Mobile in the soil

DEGRADABILITY: Not biodegradable.

ACCUMULATION: There is a likelihood for bioaccumulation or biomagnification.

ECOTOXICITY: 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 the 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. 7549.

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.