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MSDS Ref: TR  
**213**

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1.PRODUCT NAME:

**TRIBOR 10**

**HSE NO. 7915**

2.HAZARD IDENTIFICATION



Irritant – irritating to eyes and skin  
 May impair fertility  
 May affect the unborn child if swallowed  
 Avoid exposure – obtain special instructions before use.

3. COMPOSITION

Hazardous ingredient	CAS No.	EC No.	Weight %	Symbols	Risk Phrases
Disodium octaborate tetrahydrate	12280-03-04		10%		R60, R61
Ethylene glycol	107-21-1		20%		
Xn, Harmful R22					
Benzalkonium Chloride	61789-71-9		2%	Xn, Harmful	R22, R34

4.FIRST AID

SWALLOWING:

Rinse mouth and administer 1 pint warm water (cold if not available). Do not induce vomiting- seek medical attention immediately. Never administer anything by mouth to an unconscious person. See also section 11.

EYES:

Flush with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

INHALATION:

Remove patient to fresh air, keep warm and at rest. Seek medical attention immediately.

SKIN:

Remove contaminated clothing and wash affected areas with soap and water. Launder contaminated clothing before re-use. If irritation persists, consult a doctor.

5.FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Product is non-combustible. Essentially an aqueous solution.

PPE: FIRE

Neoprene/PVC or synthetic gloves, chemical resistant boots and clothing. Breathing apparatus in the event of smoke inhalation.

## 5. FIRE FIGHTING MEASURES (cont'd)

PRODUCTS OF COMBUSTION:	Exposure to extreme heat may liberate water vapour with trace quantities of Hydrogen Chloride and Oxides of Nitrogen and Carbon.
PPE: SPILLAGE:	Neoprene/PVC or synthetic rubber gloves and eye/face protection and chemical resistant boots.

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## 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Where possible shut off or remove source of leak. Absorb spillage with sand/sawdust or vermiculite and place into suitable HDPE/plastic drum. Seal and mark with contents to await disposal. Wash down with copious water.
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If product has entered watercourses or ditches inform Police or Fire Brigade.

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## 7. HANDLING AND STORAGE

HANDLING PRECAUTIONS:	Wear suitable gloves, overalls and eye/face protection. Keep out of reach of children. When using, do not eat, drink or smoke.
STORAGE INFORMATION:	Store in safe, cool, dry conditions, away from food, drink and animal foodstuffs. Store only in original container, tightly closed.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Wear suitable gloves, (neoprene/PVC or synthetic rubber). Eye/face protection to BS2092 for chemical resistance and coveralls. If spraying wear suitable respiratory protection, either an air-fed mask or cartridge type respirator fitted with P2 or P3 cartridge.

Engineering controls of operator exposure may replace PPE if it provides equal or a higher degree of protection (ie. Local exhaust ventilation, non-atomising spray etc.).

Wash hands and skin before and after work. Do not apply to surfaces where food is prepared, stored or eaten. Remove or cover all foodstuffs before application. Do not apply to hot surfaces or unprotected electrical equipment or naked flames. Keep unprotected persons and animals away from treated surfaces for 48 hours or until surfaces are dry or covered. Avoid excessive contamination of coveralls and launder regularly.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear/Amber liquid
Odour	Slight

(Cont'd).

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9. PHYSICAL AND CHEMICAL PROPERTIES (Cont'd).

pH	8	Flash Point	>100°C
Boiling Point	100°C	Auto Ignition	Not Known
Melting Point	N/A	Oxidising properties	None
Explosives Properties	None	Density	1.08-1.10g/cm <sup>3</sup>
Vapour Pressure	N/A	(Specify Solvent)	n-Octanol/Water
Solubility in water	Soluble		
Solubility in solvent	Insoluble		
Partition Coefficient	N/A		

10. STABILITY/REACTIVITY

Stable and non-reactive under normal conditions of handling and storage.

INCOMPATIBLE SUBSTANCES

Strong Oxidising Agents

11. TOXICOLOGICAL INFORMATION

LD (50) 15,000 mg/kg (Wistar Rat Scantox)

EFFECTS OF ACUTE (OVER) EXPOSURE

SKIN: Reddening at the site of contact possible accompanied by itching/stinging.

EYES: Watering, soreness and severe irritation

INHALATION: Due to the low volatility of the product there should be no hazard associated with inhalation under normal conditions of use. Excessive inhalation of spray mist may cause irritation of nasal passages and mucous membranes, cough, confusion or dizziness.

INGESTION: \*Abdominal pains, nausea, vomiting, possible reddening of the mouth and gastric tract.  
 NB: This product contains 1,2 Ethandiol which can be dangerous in high doses. To block the Toxic Aldehyde administer Ethanol orally.

Medical Personnel should contact their nearest Poisons Unit for further advice.

12. ECOLOGICAL INFORMATION

Do not allow product, waste or empty container to contaminate ponds, waterways, ditches, drains or water storage tanks.

Toxic to aquatic life. Possible phytotoxic – avoid contact with plant life. All ingredients potentially biodegradable.

Do not use on or near bees or bee keeping equipment including hives.

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### 13.DISPOSAL CONSIDERATIONS

DISPOSAL OF PRODUCT:	Disposal of Waste in accordance with the Environmental Protection Act 1990. Preferably by high temperature incineration at a site approved and licensed by the Local Authority, operated by a competent approved and licensed Waste Disposal Contractor.
DISPOSAL OF PACKAGING:	Cleaned and empty containers may be disposed of as inert waste (remove the label). Duty of Care Waste Transfer Form should specify Pesticide Product.

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### 14. TRANSPORT INFORMATION

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

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### 15.REGULATORY INFORMATION

CLASSIFICATION Irritating to eyes and skin

R22 Harmful if swallowed.  
R34 Causes burns.  
R60 May impair fertility.  
R61 May cause harm to the unborn child.

This product is approved under the Control of Pesticides Regulations 1986 for use by Professional Operators as directed. HSE No. 6286

The control of Substances Hazardous to Health Regulations 1988 will relate to this product when used at work.

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### 16.OTHER INFORMATION

Recommended uses and restrictions: Use only as directed

#### **NOTICE TO CUSTOMER:-**

**ENSURE ALL POTENTIAL USERS OF THIS PRODUCT ARE AWARE OF THIS SDS PRIOR TO USING THE PRODUCT.**

**KEEP SDS IN A SAFE PLACE READILY LOCATABLE IN CASE OF FUTURE REQUIREMENT. READ THIS SDS IN CONJUNCTION WITH THE LABEL AND DIRECTIONS FOR USE ON THE PRODUCT CONTAINER.**

**DESTROY ALL OBSOLETE COPIES RELATING TO THIS PRODUCT THIS SDS RELATES ONLY TO THE PRODUCT SPECIFIED. COPIES OF THIS DOCUMENT ARE AVAILABLE ON REQUEST.**

**THIS SAFETY DATA SHEET IS BASED ON THE BEST OF CURRENT INFORMATION AND ADVICE AVAILABLE TO US AND IS BELIEVED TO BE TRUE AND ACCURATE. NO LIABILITY CAN BE ACCEPTED FOR LOSS, DAMAGE OR INJURY AS CONDITIONS OF USE ARE OUTSIDE OUR CONTROL. THIS IS NOT A TECHNICAL SPECIFICATION.**

*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.*

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