

SDS Reference CAT087  
Version No. 2  
Revision Date 05-08-2008  
First issued 12<sup>TH</sup> FEBRUARY 2004

# Safety Data Sheet

catomance  
t e c h n o l o g i e s

MYSTOX TRP

## 1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

**Product Name** MYSTOX TRP  
**Use(s)** Durable tentage reproofing emulsion  
**Company Identification** MURPHY AND SON LIMITED  
ALPINE STREET, OLD BASFORD  
NOTTINGHAM  
NG6 0HQ, UNITED KINGDOM  
**Telephone:** 01462 457186  
**Emergency telephone:** 01462 457186 (24hrs)

## 2. HAZARDS IDENTIFICATION



HARMFUL



DANGEROUS  
FOR THE  
ENVIRONMENT

**Physical & Chemical:** NON HAZARDOUS  
**Health:** LIMITED EVIDENCE OF A CARCINOGENIC EFFECT. THE PRODUCT CONTAINS A SUBSTANCE THAT HAS A WORKPLACE EXPOSURE LIMIT.  
**Environmental:** TOXIC TO AQUATIC ORGANISMS. MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical Characterisation** AQUEOUS PREPARATION WITH ADDITIVES

<u>Chemical name</u>	<u>CAS-No</u>	<u>EINECS/ELINCS</u>	<u>Classification</u>	<u>Concentration</u>
ANTIMONY TRIOXIDE	1309-64-4	215-175-0	Carc Cat 3 R40	5-10%
(±)-1-((2-(2,4-DICHLOROPHENYL)-4-PROPYL-1,3-DIOXOLAN-2-YL)METHYL)-1H-1,2,4-TRIAZOLE	60207-90-1	262-104-4	Xn: R22 Xi: R43 N: R50, 53	< 0.5%
ZIRCONIUM ACETATE	7585-20-8	231-492-7	Xi: R36/37	Approx. 5%
ZINC BORATE	1332-07-6	215-566-6	N: R50, 53	Approx. 5%

## 4. FIRST AID MEASURES

**General information** Remove contaminated clothing immediately, to be disposed of or washed before reuse.  
**Inhalation** If inhaled, provide fresh air, warmth, rest and if necessary, seek medical advice.  
**Skin contact** Wash contaminated skin with soap and large quantities of water. If necessary, seek medical advice.  
**Eye contact** Wash eyes thoroughly with plenty of water until irritation subsides. If necessary (e.g. irritation persists), consult an eye specialist/ophthalmologist.  
**Ingestion** Allow the patient to vomit on his own accord. Give copious water to drink; if necessary seek medical advice.

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## 5. FIRE FIGHTING MEASURES

<b>General hazard</b>	THE PRODUCT IS NOT FLAMMABLE
<b>Extinguishing media</b>	To suit local surroundings (e.g. water spray, carbon dioxide, foam or chemical powder)
<b>Extinguishing media not to be used</b>	None known.
<b>Special exposure hazards</b>	The thermal decomposition products released should be considered toxic if inhaled.
<b>Protective equipment</b>	Wear self-contained breathing apparatus.
<b>Further information</b>	Avoid run-off water entering the drains (e.g. use barriers)

## 6. ACCIDENTAL RELEASE MEASURES

<b>Methods for cleaning up</b>	Adhere to personal protective measures. Take up with absorbent material, e.g. sand, sawdust into tightly closable containers. Label container and dispose of as prescribed.
<b>Environmental considerations</b>	Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.

## 7. HANDLING & STORAGE

<b>Advice on safe handling</b>	Handle in accordance with good hygiene and safety practice.
<b>Storage conditions</b>	Ensure adequate ventilation of the storage area. Keep containers tightly closed and dry.
<b>Further information</b>	

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Exposure controls</b>	Monitoring of the workplace should be considered in accordance with EH40 (or equivalent) controls LTEL (8 hour TWA):            ppm            0.5    mg/m <sup>3</sup> (WEL data for antimony compounds, as Sb, EH40/2005)
<b>Engineering controls</b>	Ensure adequate ventilation of working area
<b>Personal protection</b>	Observe normal standards for handling chemicals. It is recommended that those with a medical history of sensitisation should not handle this product. Avoid contact with skin and eyes. Store working clothes separately. Wash hands before breaks and after work. Wear personal protective equipment appropriate to the task (see below)
<b>Eye protection</b>	Safety goggles (e.g. EN 166)
<b>Skin protection</b>	Plastic or rubber gloves (also consider your own risk assessment; e.g. breakthrough times, rates of diffusion and degradation, tasks undertaken)
<b>Respiratory protection</b>	Respirator if ventilation is judged to be insufficient.
<b>Other protection</b>	Protective overalls

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## 9. PHYSICAL & CHEMICAL PROPERTIES

Physical form	Viscous emulsion		
Colour	Green		
Odour	Distinctive, non-solvent odour		
pH	Approx. 5		
Boiling pt / range	Not determined. °C		
Melting pt / range	Not determined. °C		
Flash point	Not applicable. °C		
Density	Approx. 1.2		
Explosive limits	Lower:	% (v/v)	Higher: % (v/v)
Viscosity			
Vapour pressure			
Water solubility	Not determined		

## 10. STABILITY & REACTIVITY

Stability	Stable under normal conditions of handling.		
Thermal decomposition			
Conditions to avoid	None known.		
Material to avoid	None known.		
Hazardous reactions	None known.		
Hazardous decomposition products			

## 11. TOXICOLOGICAL INFORMATION

Acute toxicity	LD <sub>50</sub> rat (oral)	mg/kg	No data available.
Dermal compatibility	No data are available		
Mucous membrane compatibility	No data are available		

## 12. ECOLOGICAL INFORMATION

Acute toxicity	LC <sub>50</sub> Fish	mg/l	No data available.
Degradability	No data available.		
Further information	Zinc borate is classified as very toxic to the aquatic environment. Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.		

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## 13. DISPOSAL CONSIDERATIONS

**Advice on disposal** In accordance with national and local authority regulations, e.g. The Hazardous Waste (England & Wales) Regulations 2005.

**Contaminated packaging** Treat empty containers in the same way as the product or if possible wash out thoroughly and recycle.

## 14. TRANSPORT INFORMATION

**United Nations number** UN 3082

**Packaging group** III

**IMDG code** 9/3082/III

**RID / ADR** 9/III

**ICAO / IATA** 9/3082/III

**Marine pollutant** The product should not be marked as a marine pollutant

**Proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (zinc borate)

**Emergency action code** 2X

## 15. REGULATORY INFORMATION

**Classification & labelling** The product is classified in accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations [CHIP 3.1] Contains antimony trioxide; ( $\pm$ )-1-((2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl) methyl)-1*H*-1,2,4-triazole; may cause an allergic reaction.



HARMFUL



DANGEROUS  
FOR THE  
ENVIRONMENT

**Risk phrases** R40 LIMITED EVIDENCE OF A CARCINOGENIC EFFECT.  
R51/53 TOXIC TO AQUATIC ORGANISMS; MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.

**Safety phrases** S36/37 WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES.  
S61 AVOID RELEASE TO THE ENVIRONMENT. REFER TO SPECIAL INSTRUCTIONS/SAFETY DATA SHEET. .

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## 16. OTHER INFORMATION

**Further information** The SDS has been revised in the following sections: 1; 2; 3; 8; 13

**Sources of data** The Approved Supply List, Approved Carriage List and other suppliers' safety data sheets

### Risk phrases referred to in section 3

R22: Harmful if swallowed.  
R36/37: Irritating to eyes and respiratory system  
R40: Limited evidence of a carcinogenic effect.  
R43: May cause sensitisation by skin contact  
R50: Very toxic to aquatic organisms  
R53: May cause long-term adverse effects in the aquatic environment.

**Date of issue** 05-08-2008

This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. It should not be construed as guaranteeing specific properties.