



SST Australia Pty Ltd
P.O. Box 2032, Bayswater Village, Bayswater, VIC., 3153
Phone (03) 9720 6306, Fax (03) 9720 6407

MATERIAL SAFETY DATA SHEET

PRODUCT NAME - SST ENVIRODYE RED

Not Classified as Hazardous according to criteria of Worksafe Australia

U.N. NUMBER: None Allocated
CLASS: None Allocated
HAZCHEM: None Allocated
PACK GRP: None Allocated
EPG: None Allocated
POISONS SCHEDULE: None Allocated

CHEMICAL ENTITY

Diazo dyestuff

INGREDIENTS

Proprietary information

CAS No

Proportion

High

This material is listed on the Australian Inventory of Chemical Substances (AICS)

USES

A tank mix red dye additive to assist in identification of areas sprayed with pesticide.

RISK AND SAFETY PHRASES

Risk Phrases: None Allocated

Safety Phrases: None Allocated

In keeping with good handling practise:

Keep container tightly closed and dry

Keep away from food, drink, and animal feeding stuffs

When using product, do not eat, drink or smoke.

Avoid contact with skin or eyes

Wear suitable protective clothing, gloves, eye/face protection

PHYSICAL PROPERTIES

Appearance - Dark red coloured liquid

Odour - None

Boiling/Melting Point - ca 100 oC

Vapour Pressure - Not Applicable

Specific Gravity (20 C) - 1.1 Approx

Flash Point - Not Applicable

Flammability Limits - Not Applicable

Decomposition Temperature - > 200° C

Solubility - Miscible in water

pH (1% aq.) - 6.5 - 7.5

Viscosity - <100 Cp

Can react with strong oxidising or reducing agents.

PRODUCT NAME - SST ENVIRODYE RED

HEALTH EFFECTS

Acute:

INGESTION: Slight, (Oral, rat LD50 >2000mg/Kg)

SKIN: Non irritant. – EC 83, OECD 404 rabbit

EYES: Non irritant. – EC 83, OECD 405 rabbit

INHALATION: Not yet available

Chronic:

None Known

As with any chemical, ingestion, inhalation, and prolonged or repeated skin contact should be avoided by adoption of good occupational work practice.

FIRST AID

SKIN: Wash contaminated skin with plenty of soap and water. Remove contaminated clothing and wash before re-use. Seek medical advice

EYES: Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids must be held open. In all cases of eye contamination it is advisable to seek immediate medical advice.

INHALATION: Remove victim from exposure. Seek medical advice

INGESTION: Thoroughly wash out mouth with water immediately and drink plenty of water. Seek medical assistance.

ADVICE TO DOCTOR: Treat symptomatically.

TOXICITY: LD50 Oral (rat): >2000 mg/Kg

PRECAUTIONS FOR USE

EXPOSURE STANDARDS (TWA): No value assigned for this specific material or its ingredients by the National Occupational Health and Safety Commission (Worksafe Australia).

STEL: None set

HANDLING CONTROLS: Use good occupational work practice. Ensure ventilation adequate to maintain air concentrations below exposure standards. Local exhaust ventilation recommended

PERSONAL PROTECTION: To avoid eye contact and repeated or prolonged skin contact wear overalls, goggles and long impervious PVC or nitrile gloves. Wash contaminated clothing before re-use. Wash hands after use.

FLAMMABILITY: Not flammable under normal conditions of use

STABILITY & REACTIVITY:

Stability – Stable under normal conditions of use

Reactivity - Can react with strong oxidizing or reducing agents

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SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT:

General: No specified transport requirements. Store in a cool, dry place and out of direct sunlight. Store away from sources of heat or ignition.

UN Number: Not Allocated

Dangerous Goods Class & Sub Risk: Not Allocated

Packing Group: Not Allocated

Hazchem Code: Not Allocated

IATA Class: Not Allocated

IMDG Reference: Not Allocated

Minimum Temperature: Sensitive < -0 oC

Maximum Temperature: Sensitive > 60 oC

Incompatible DG Classes: None Known

Incompatible Receptacle: None Known

Incompatible Substances: None Known

Emergency Procedure Guide Date: Not Applicable

SPILLS: in case of spill wear personal protection as indicated above. Contain spill then cover and soak up with an inert absorbent (soil, sand, vermiculite).

Place residue in marked, sealed containers for disposal as chemical waste. Followed by thorough wash down of effected area.

DISPOSAL: Refer to State Land Management Authority.

Land Fill – No

Secure Land Fill – No

Incineration – Yes

High Temperature Incineration – Suitable

Contaminated empty containers must be disposed of as chemical waste.

FIRE/EXPLOSION HAZARD: Thermal decomposition will emit oxides of nitrogen and noxious fumes. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of combustion. Avoid strong oxidizing and reducing agents.

EXTINGUISHING MEDIA: Water, foam, carbon dioxide, dry powder, BCF.

ENVIRONMENTAL EFFECT: Prevent discharge to natural waterways. Ensure adequate dilution to sewer

Poorly eliminated by adsorption on effluent treatment sludge

Tested Material : Standardised Product

OECD Biological degradation -10-25% (OECD 302B)

BOD 5 - 0 mg O2/g

COD - 215 mg O2/g

Fish toxicity (Zebra fish) - LC0 : >1000mg/L 96 Hrs

LC50 : >1000mg/L

Daphnia Toxicity - Eco > 100 mg/L 48 hr

OECD 202 Part1

Toxicity to bacteria - >100mg/L (3 Hours)

Organo Halogen content - Not applicable

Heavy Metal Content - Metal content under ETAD

Res. Limits

Phosphorus Content - Not Applicable



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FURTHER INFORMATION

EEC Classification/Labelling : " Not Classified "

Contact Points - John Illingworth

Phone - (03) 9720 6306

Fax - (03) 9720 6407

Mobile - 0418 844 861

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