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MATERIAL SAFETY DATA SHEET

PRODUCT NAME – SST BROWNOUT

U.N. Number: None Allocated
CLASS: 3 Combustible Liquid
HAZCHEM: 2(S)
PACK GRP: None Allocated
EPG: None Allocated
POISONS SCHEDULE: Not Known

CHEMICAL CONSTITUTION	% w/w
Oxyfluorfen (CAS No.: 42874-03-3)	3.6
Hydrocarbon Solvent	> 60
Cyclic Amide Solvent	< 10

USES

Tank mix adjuvant for addition to Glyphosate herbicides to improve knockdown and brownout of weeds.

PHYSICAL PROPERTIES

Appearance	Clear yellow brown liquid with citrus odour.
Specific Gravity 20 °C	0.91
Flash Point	60 °C (CC) approx
Boiling Point °C	176 °C
Relative vapour density	0.01 approx
Volatile component %	85
Flammable Limits % (150 °C)	0.7 - 6.1

HEALTH EFFECTS

Acute:

SKIN: May cause severe dermatitis upon prolonged or repeated contact.

EYES: Severe irritant - causes redness and pain.

INHALATION: Sore throat, shortness of breath, coughing, dizziness, nausea

INGESTION: Abdominal pain, nausea, vomiting, diarrhoea, dizziness. Kidney injury may occur on repeated exposure.

As with any chemical, ingestion, inhalation, and prolonged or repeated skin contact should be avoided by 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 held open. Seek immediate medical assistance.

INHALATION: Remove victim from exposure. Artificially resuscitate if necessary. Seek medical assistance.

INGESTION: Give plenty of water or milk to drink. Do not induce vomiting unless more than 30 minutes from medical help. Seek immediate medical assistance.

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ADVICE TO DOCTOR: Treat symptomatically.

TOXICITY: Oral LD50 (rat) > 5,000 mg/Kg
Acute Dermal LD50 (rabbit) > 10,000 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).

HANDLING CONTROLS: Use good occupational work practice with good natural or mechanically aided ventilation.

PERSONAL PROTECTION: To avoid eye contact and repeated or prolonged skin contact wear overalls, goggles and impervious gloves and avoid breathing vapour. Use cartridge respirator suitable for organic vapours. Wash contaminated clothing before re-use. Wash hands after use.

FLAMMABILITY: Combustible liquid.

STORAGE AND TRANSPORT: Not defined as a Dangerous Good by the Australian Code for the Transport of Dangerous Goods by Road and Rail. Store in a cool place, away from heat sources or direct sunlight. Store well away from oxidising agents.

SPILLS: Absorb onto inert material (sand, vermiculite etc,) and transfer to separate containers for disposal by an approved disposal means. Do not flush into stormwater drain or sewer. Do not allow to enter waterways.

DISPOSAL: Refer to State Land Management Authority.

FIRE/EXPLOSION HAZARD: Combustible liquid. Heating can cause expansion or decomposition leading to violent rupture of containers. Keep containers cool with water spray. Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion. May react violently with oxidising substances.

Extinguishing Media: Water, foam, carbon dioxide. Dry powder.

REACTIVITY DATA: May react violently with oxidising substances. Incompatible with acidic materials and halogens. Hazardous polymerisation not expected.

ENVIRONMENTAL EFFECT: Do not contaminate waterways or streams.

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