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MATERIAL SAFETY DATA SHEET

PRODUCT NAME – SST PENATRA

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

CHEMICAL CONSTITUTION

Polyalkyleneoxide modified polymethylsiloxane

USES

A tank mix adjuvant additive to assist the spreading and penetration of pesticides.

PHYSICAL PROPERTIES

Specific Gravity (20 °C)	1.02 Approx
Flash Point	100 °C (Closed cup)
Appearance	Yellow coloured liquid, polyether odor
Solubility	Soluble in water.
pH (1% aq.)	4 - 6

HEALTH EFFECTS

Acute:

INGESTION: May be slightly toxic.

SKIN: May lead to irritation and defatting on repeated or prolonged exposure.

EYES: Causes severe irritation.

INHALATION: May be slightly toxic. May produce respiratory irritation.

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 water. Remove contaminated clothing and wash before re-use. If irritation persists seek medical advice.

EYES: Hold eyes open and immediately irrigate with copious quantities of water for at least 15 minutes and seek immediate medical advice.

INHALATION: Remove victim from exposure. If not breathing give artificial respiration or oxygen. Seek medical assistance if effects persist.

INGESTION: Give plenty of water or milk to drink and induce vomiting. Use fingers in the throat or IPECAC Syrup (AFP). Seek medical assistance.

ADVICE TO DOCTOR: Treat symptomatically.

PRODUCT NAME – SST PENATRA

TOXICITY: LD50 ORAL	RAT: 3200 mg/Kg
LD50 ACUTE DERMAL	RAT: 1500mg/kg
4-HR LC50 ACUTE INHALATION	RAT: 1.08mg/l

NOT A LISTED CARCINOGEN NTP, IARC, OR OSHA

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 ventilation.

PERSONAL PROTECTION: To avoid eye contact and repeated or prolonged skin contact wear overalls, goggles with full face shield and impervious gloves (*USDA accepted Nitrile (CFR-20) or Neoprene rubber (CFR-21)*). Have eyewash station available. Wash contaminated clothing before re-use. Wash hands after use.

FLAMMABILITY: Not considered flammable but will burn in a fire.

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, dry place and out of direct sunlight. Store away from sources of heat or ignition.

SPILLS: Wash area down thoroughly with water or cover with an inert absorbent (soil, sand, vermiculite) to dispose of in sealed labelled drum followed by thorough wash down of effected area. Spillages are slippery.

DISPOSAL: Refer to State Land Management Authority. Normally suitable for disposal at approved land waste site.

FIRE/EXPLOSION HAZARD: Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion. Avoid strong oxidizing agents.

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

ENVIRONMENTAL EFFECT: Generally regarded as 'hard' when tested for biodegradability. Avoid contaminating waterways.

FISH TOXICITY: Rainbow trout LC50 2.1 mg/l

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All information contained in this document is as accurate as possible based in information submitted by raw material suppliers. SST Products Pty. Ltd. will not be responsible for any damages that may result from reliance upon the information contained herein.

12 May 2003