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MATERIAL SAFETY DATA SHEET

PRODUCT NAME – SST COMPANION

CHEMICAL ENTITY CAS-No.: PROPORTION
Soyal phosholipids in liquid Propionic Acid.

UN No: N/A

Class: N/A

Sub Risk: N/A

Hazchem Code: N/A

Pack Group: N/A

EPG No: N/A

Poisons Schedule (Aust)/Toxic Substances (NZ): N/A – Not Applicable

RECOMMENDED USES:

A tank mix additive for pesticide sprays to prevent active hydrolysis by acidifying alkaline water and to assist the penetration of certain herbicides.

PHYSICAL PROPERTIES

Appearance	Brown Coloured Liquid.
Specific Gravity 20°C	1.01
Flash Point	> 62 C
Boiling point °C	> 100 C
Volatile component	
Solubility in Water	Miscible in Water
PH (1% aqueous Soln)	3-4

OTHER PROPERTIES

HAZARDS IDENTIFICATION

Classified as hazardous according to criteria of Worksafe Australia.

Hazard Category

R-Phrases(s) R 34-Causes Burns

R 41-Risk of Serious damage to eyes

Safety Phrase(s) S 2 -Keep out of the reach of children

S 23-Do not breath Vapours

S 26- In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Center

PRODUCT NAME – SST COMPANION

TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms that may arise if the product is mishandled and overexposure occurs are:

Acute:

SKIN: Moderate - severe irritant, can cause burns in concentrated form..

EYES: Moderate - severe irritant, can cause burns in concentrated form.

INHALATION: Inhalation of mists may result in headaches, dizziness and possible nausea and irritation to upper respiratory tract.

INGESTION: Low to moderate toxicity. Short term exposure by ingestion may cause gastro intestinal irritation and nausea.

TOXICITY: LD50(rat): Acute oral >10000 mg/Kg

LD50(rat): Acute Inhalation >15mg/L/4hr

Chronic No data Available

FIRST AID

INGESTION: Wash out mouth immediately. Give plenty of water or milk to drink or milk of magnesia and DO NOT induce vomiting. Seek medical assistance

EYES: Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids held open. Seek immediate medical assistance.

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

INHALATION: Remove victim from exposure. Seek medical assistance if effects persist.

ADVICE TO DOCTOR: Treat symptomatically.

PRECAUTIONS FOR USE / PERSONAL PROTECTION

EXPOSURE STANDARDS (TWA): 90 mg/cubic meter

HANDLING CONTROLS: Use good occupational work practice with good natural or mechanically aided ventilation or wear organic vapour respirator.

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

FIRE/EXPLOSION HAZARD

SPECIFIC HAZARD: **Non Flammable liquid.** Vapors can form flammable mixtures in air if heated above the flash point. Keep away from sources of ignition and heat. No hazardous combustion products known. Avoid contact with strong alkali agents.

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

PRODUCT NAME – SST COMPANION

STABILITY AND REACTIVITY

STABILITY: No data Available

HANDLING AND STORAGE

STORAGE: Considered non hazardous

Store in a cool place, away from heat sources or direct sunlight.

TRANSPORT INFORMATION

Considered non hazardous for transport by the Australian code for the Transport of Dangerous Goods by Road and Rail.

ACCIDENTAL RELEASE / DISPOSAL MEASURES

SPILLS: 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. Prevent run off into drains and waterways.

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

ENVIRONMENTAL EFFECTS

Readily biodegradable >70% DOC reduction

Fish toxicity (Leuciscus idus) EC/LC50 >1500 mg/L/48h

Moderately toxic to aquatic life. Prevent discharge to natural waterways. Ensure adequate dilution to sewer.

REGULATORY INFORMATION

Poisons Schedule (Aust)/Toxic Substances (NZ): N/A – Not Applicable

OTHER INFORMATION

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