

MATERIAL SAFETY DATA SHEET

PRODUCT NAME : ACTICIDE SPX

1. COMPOSITION

Contains 1.5% mixture of 5-Chloro-2-methyl-4-isothiazolin-3-one (CAS NO. 26172-55-4) and 2-Methyl-4-isothiazolin-3-one (CAS NO. 2682-20-4)

2. PHYSICAL PROPERTIES

2.1	Appearance	Mobile Liquid
2.2	Colour	Pale Yellow
2.3	Odour	Mild
2.4	Freezing Point	-5°C
2.5	Boiling Point	>100°C
2.6	Specific Gravity (20°C)	1.04 – 1.05
2.7	Bulk Density	-
2.8	Vapour Pressure	17mm Hg
2.9	Viscosity (25°C)	3cps
2.10	Solubility	Completely soluble in water
2.11	pH value	3.5 +/- 0.3
2.12	Flash Point	-
2.13	Auto-ignition Temperature	-
2.14	Explosion Limit	-
2.15	Decomposition Point	-
2.16	Decomposition Products	Hydrogen chloride and oxides of sulphur
2.17	Hazardous Reaction	-
2.18	Other notes	Corrosive to metals

3. TRANSPORT/SHIPPING

3.1	Tariff Code	380890 000	3.5	EMS	-
3.2	UN Number	-	3.6	MFAG	-
3.3	Class Number	-	3.7	Packing Group	-
3.4	IMDG Page	-			

4. CLASSIFICATION

4.1	Hazard Symbol:	Xi, Irritant
4.2	Risk and Safety Phrases	R36 – Irritating to eyes R43 – May cause sensitization by skin contact S24 – Avoid contact with skin S26 – In case of contact with eyes, rinse immediately with plenty of water. Seek medical advice.

5. PROTECTIVE MEASURES

5.1	Storage Precautions	Store in original containers or polythene/ polythene lined vessels or seek specific advice. Protect from extremes of temperature.
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5.2	Protective Equipment	Protective clothing including gloves and goggles/face mask.
5.3	Work Hygiene	Remove all contaminated clothing immediately.
5.4	Fire and Explosion Hazard	No Hazard.
	Extinguishing Media	-
	Special Fire-fighting Methods	-
	Unusual Fire & Explosion Hazards	-
5.5	Waste Disposal	Through specialist waste disposal contractors.

6. LEAKS/SPILLAGES

Absorb spillages in an inert solid such as clay, sand or vermiculite and transfer to heavy duty polythene bags. Dispose of through specialist contractor or seek specific advice.

7. EMERGENCY AND FIRST AID MEASURES

7.1	Skin Contact	Wash immediately and very thoroughly with water.
7.2	Eye Contact	Irrigate immediately and thoroughly with clean water. Should irritation occur, obtain medical advice.
7.3	Swallowing	Rinse mouth and throat with water immediately and dilute stomach contents with water. Obtain medical aid immediately.
7.4	Inhalation	Remove individual into open air. In case of shortness of breath, obtain medical aid.

8. TOXICOLOGY

8.1	Acute Oral LD(50)	3,875 mg/kg (rat)
8.2	Acute Dermal LD(50)	>5,000 mg/kg (rat)
8.3	Primary Skin Irritation Index	1.4 slightly irritant (Draize Test – rabbit)
8.4	Primary Eye Irritation	Positive (rabbit)

9. ECOLOGY

ACTICIDE SPX is biologically degradable when diluted to below the minimum inhibitory concentration.

DKW0892.SPX

The information contained in this MSDS is intended to assist in the use of the above product without risk to safety or health and is based on current knowledge and experience. The data does not signify any warranty with regard to the product's properties.