

MATERIAL SAFETY DATA SHEET

Sipcam Agro USA, Inc.
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In Case of Emergency, Call
Sipcam Agro USA, Inc.: 770-587-1032
CHEMTREC: 800-424-9300

I. GENERAL INFORMATION

1-Slight Health Hazard 0-Noncombustible 0-Nonreactive

Above: Ratings based on NIOSH "Identification System for Occupationally Hazardous Materials" (1974).

II. TRANSPORTATION INFORMATION

This product is regulated for transportation purposes as follows:

	<u>Yes</u>	<u>No</u>
IATA (Air)		X
IMO (Water)		X
DOT (Land)		X

SARA TITLE III INFORMATION

313 Inventory Ingredients: Propiconazole (14.3% wt/wt)

312 Hazards Classification: Acute and Chronic Health*

*See Section VII for Health Hazard Information

III. PRODUCT IDENTIFICATION

Product Name(s): PROPENSITY 1.3ME
Synonyms: Sipcam Propiconazole 1.3ME

IV. HAZARDOUS INGREDIENTS

The substances listed below are those identified as hazardous chemicals under the criteria of the OSHA Hazard Communication Standard (29 CFR 1910.1200).

<u>Component</u>	<u>CAS No.</u>
Propiconazole	60207-90-1

Exposure Limits:

ACGIH-TLV: Not Established

OSHA-PEL: Not Established

V. PHYSICAL DATA (* denotes data for technical active ingredient)

Boiling Point:	100° C approx.
Melting Point:	Liquid at ambient temperatures
Freezing Point:	
Specific Gravity (H ₂ O=1):	1.09 @ 20° C
Vapor Pressure:	N/A
Vapor Density (Air = 1):	N/A
Solubility in H ₂ O:	Miscible in water
% Volatiles by Volume:	N/A
Evaporation Rate (Butyl Acetate = 1):	
Appearance and Odor:	Clear yellow liquid; slightly alcoholic odor

VI. FIRE AND EXPLOSION DATA

Flash Point: Non-flammable
Special Fire Fighting Procedures: No special procedures
Unusual Fire and Explosion Hazards: None known

VII. HEALTH HAZARD INFORMATION

Oral LD50 (rat): > 505 mg/kg (Category III)
Dermal LD50 (rat): > 2,020 mg/kg (Category III)
Inhalation LC50 (4-hour; rat): > 2.3 mg/liter of air (Category IV)
Primary Eye Irritation (rabbit): Moderately irritating (Category III)
Primary Dermal Irritation Index (rabbit): Slightly irritating (Category IV)

Emergency and First Aid Procedures

Eyes: Flush eyes with plenty of water for at least 15 minutes holding eyelids apart to ensure flushing of the entire eye surface. Consult a physician if irritation persists.
Skin: Wash affected skin areas with soap and water.
Inhalation: Remove subject to fresh air.
Ingestion: Dilute by giving 2 glasses of water to drink and call a physician. Never give anything by mouth to an unconscious person.

Possible Effects of Chronic Overexposure (No studies have been performed on humans):
None known.

VIII. REACTIVITY DATA

Conditions Contributing to Instability: None known.
Incompatibility: Avoid contact with strong oxidizers.
Hazardous Decomposition Products: None known
Hazardous Polymerization: Material not known to polymerize.

IX. SPILL OR LEAK PROCEDURES

Steps To Be Taken If Material Is Released Or Spilled:

Keep out of lakes, streams or ponds. Contain spills. Absorb the spilled liquid with dry clay, sawdust, or diatomaceous earth. Remove as much contaminated absorbent material as possible by shoveling and sweeping. Place contaminated materials in closed, labeled containers and store in a safe place to await proper disposal. Do not contaminate water while cleaning equipment or disposing of wastes. Persons performing this work should wear adequate personal protective equipment and clothing.

Waste Disposal Method:

Waste portions of this product and contaminated absorbent materials may be disposed of by incineration.

X. INDUSTRIAL HYGIENE CONTROL MEASURES

Ventilation Requirements

Good industrial hygiene practice dictates that indoor work areas be isolated and provided with adequate local exhaust ventilation. Work upwind in out-of-doors batch operations.

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT

EYE: Splashproof goggles or face shields.

GLOVES: Wear protective chemical-resistant gloves to minimize skin-contact.

OTHER CLOTHING AND EQUIPMENT

Protective clothing consisting of long sleeve shirt, long pants, socks and shoes should be worn when handling this product. Clothing should be changed at least daily. Persons exposed routinely to this active material should shower prior to leaving work each day. Safety shower and eye-wash stations should be provided in all areas in which this product is stored and/or handled. Contaminated clothing should be removed and washed thoroughly before re-using. Do not wear leather shoes, as such material cannot be decontaminated.