

MATERIAL SAFETY DATA SHEET

COMPANY DETAILS:

Western Stock Distributors

17 Rheola Street
West Perth WA 6005

Telephone: (08) 93212888

Facsimile : (08) 93224163

STATEMENT OF HAZARDOUS NATURE:

Hazardous according to criteria of Worksafe Australia.

I IDENTIFICATION

Product Name : WSD FLOCKMASTER MKII INSTANT WETTING
POWDER SHEEP DIP
Shipping Name (ADG Code) : Pesticide, Solid, Toxic, N.O.S. (contains Magnesium Fluorosilicate)
UN No. : 2588
Dangerous Goods Class : 6.1
Sub Risk Class : None allocated
Packaging Group : III
Hazchem Code : 2X
Poison Schedule : S6
Chemical Class : Preparation containing a fluorosilicate, rotenone and sulphur.
Formulation Type : Wettable powder.

Uses : **Instant wetting powder for the control of lice, ked and itchmite on sheep and the Mycotic dermatitis organism in the dip wash.**

Physical appearance & Properties:

Appearance : Pale brown powder with a distinctive odour
Vapour pressure (20°C) : < 0.1 kPa
Percentage volatile materials : Not available
Flashpoint (°C) : 190° C
Autoignition Temperature(°C): 228°C
Flammability : The sulfur is flammable
Specific gravity : 0.9 approximately
Solubility in water : Wettable powder

Ingredients:

Component	CAS No	%(w/w)
Magnesium fluorosilicate	18972-56-0	40.0
Rotenone	83-79-4	1.3
Sulfur	7704-34-9	25.0
Wetting agents and other non-hazardous ingredients		to weight

This is a commercial product, and the exact ratio of components may vary. Trace quantities of impurities are also likely.

II HEALTH HAZARD DATA

Health Effects:

Chronic exposure is harmful to the liver and kidneys; can cause skin irritation, seriously damage eyes and may cause osteosclerosis. Poisoning effects may be delayed and patients should be kept under observation for at least 48 hours.

Acute Effects:

Ingestion: Toxic if swallowed. Magnesium fluorosilicate LD₅₀ Oral (guinea pig) 200 mg/kg

Rotenone LD₅₀ Oral (rat) 130 – 1500 mg/kg

Eye contact: May cause severe burns and irritation. Risk of serious damage to eyes.

Skin contact: Irritating to the skin, may cause burns. Harmful by skin absorption.

Inhalation: Toxic by inhalation of the dust. Strongly irritating to the respiratory system and mucous membranes. Can cause fluoride poisoning.

First Aid:

Ingestion: If swallowed or if symptoms of poisoning develop, contact a doctor or Poisons Information Centre. (Phone: 13 1126)

Eye contact: If this product comes into contact with eyes, hold eyes open and wash with running water for at least 15 minutes.

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

Inhalation: Remove the victim from exposure - avoid becoming a casualty. Keep at rest until fully recovered. If the effects persist, seek medical advice.

Advice to doctor:

Treat symptomatically. This product contains Magnesium fluorosilicate (40% w/w), which is toxic, causes burns and irritates.

III PRECAUTIONS FOR USE

Always Read and Follow the Label Instructions and Warnings

Risk Phrases: R22 – Harmful if swallowed.

Exposure Standards:

A Time Weighted Average (TWA) concentration for an 8 hour day/5 day week has not been established for this specific product by Worksafe Australia. There is a blanket recommendation of 10mg/m³ for inspirable dusts or mists when limits have not been established.

The Time Weighted Average (TWA) concentration for an 8 hour day/5 day week for Fluorides is 2.5 mg/m³ and for Rotenone is 5 mg/m³

The nature of this product makes it unlikely that this level will be approached under normal use.

Engineering Controls:

In industrial situations, air concentrations below the TWA value should be maintained, otherwise use respiratory protection. Natural ventilation should be adequate under normal use conditions. If the air concentration of the dust is high, the process should be modified to reduce the problem.

Personal protection:

Avoid skin and eye contact.

Wear cotton overalls buttoned to the neck and wrist, safety boots, eye protection, a washable hat and impervious elbow-length PVC gloves when using this product.

After handling this product, always wash hands before smoking, eating, drinking or using the toilet.

Wash contaminated clothing or other personal protective equipment before storing or re-using.

Respiratory Protection: If there is a risk of inhalation of dust from the product, wear a mask or respirator meeting the requirements of AS/NZS 1715.

Protective Gloves: Impermeable protective gloves should be worn when using this product. For help in selecting suitable equipment, consult AS 2161.

Eye Protection: It is good industrial practice to always use protective eyewear. For help in selecting suitable equipment, consult AS 1336 and AS/NZS 1337.

Flammability:

The sulfur is flammable.

IV SAFE HANDLING INFORMATION

Safety Phrases: S13 – Keep away from food, drink and animal foodstuffs.

S24/25 – Avoid contact with skin or eyes.

Storage & Transport:

Observe all relevant regulations regarding sale, transport and storage of this class of product.

This product is classified as a dangerous good in accordance with the Australian Code for the Transport of Dangerous Goods by Road and Rail. (Shipping Name – Pesticide, Solid, Toxic, N.O.S. (contains Magnesium fluorsilicate); UN Number - 2588; Dangerous Goods Class – 6.1 toxic).

The product is a S6 Scheduled Poison and the sulfur is flammable.

Store below 30°C (room temperature) in the closed, original container, in a dry, well-ventilated area, and protect from sunlight. Keep away from extreme heat and open flames.

Spills and disposals:

Wear overalls, respirator, eye protection and impervious gloves to prevent skin and eye contamination and the inhalation of dust.

Clean up spills with care to minimise generation of dust and to prevent contamination of drains or waterways. Use a minimum of water to moisten the spilt material and thus reduce dust. Scoop, sweep up and collect and seal in properly labelled drums for disposal.

Wash all contaminated clothing and equipment before re-use.

Dispose of in compliance with Local, State and Federal Regulations.

Fire/Explosion Hazard:

Contains sulfur (25%), which has an autoignition temperature of 235°C. Sulphur dust or vapour may form explosive mixtures with air.

Flammability: This product is combustible.

Extinguishing Media: Use foam, carbon dioxide or dry chemical powder. Avoid water.

Special Fire fighting Procedures: As fire decomposition products from this product may form toxic mixtures in confined spaces, wear an air supplied respirator.

Polymerisation: This product is unlikely to spontaneously polymerise.

Decomposition Products: On decomposition this product will evolve toxic, irritating and corrosive gases.

Materials to avoid: Oxidising agents and strong acids.

V OTHER INFORMATION

Contact Points:

Police and Fire Brigade:

Dial 000

National Poisons Information Centre:

Dial 13 1126 (from anywhere in Australia)

SPECIALIST COMPANY ADVICE:-

Western Stock Distributors

17 Rheola St

West Perth WA 6005

Phone:- (08) 9321 2888

Fax :- (08) 9322 4163

This Material Safety Data Sheet summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

If clarification or further information is needed to insure that an appropriate risk assessment can be made, the user should contact this company.