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SAFETY DATA SHEET

29/11/11

PRODUCT IDENTIFICATION

Trade Name:	Magnesium Sulphate
Appearance:	Crystals of crystalline. Powder, hygroscopic.
Colour:	White.
Odour/Taste:	Odourless. Bitter.
Solubility:	Soluble in alcohol, glycerine. Moderately soluble in ether. Insoluble in acetone.
UN Classification:	Not classified.
Transport Classification:	Not applicable.

STABILITY AND REACTIVITY

Reacts vigorously with strong oxidising materials. Is combustible, dust may form explosive mixture with air. Avoid heat, flames and other sources of ignition. Will not polymerize. Irritating fumes and/or smoke. Oxides of Magnesium and sulphur.

FIRE FIGHTING

When the fertiliser is not directly involved in the fire use the best means available to control the fire. When the fertiliser is involved: Use dry chemicals, sand, dolomite etc. do not use water or foam ♦ Avoid breathing the fumes, wear approved self-contained breathing apparatus ♦ Call the Fire Brigade ♦ Open doors and windows to give maximum ventilation ♦ Use plenty of water ♦ Do not allow molten fertiliser to run into drains. If water containing fertiliser enters drain or water course inform the water authority as soon as possible.



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HEALTH & HAZARDS

Skin Contact:	Powder may irritate skin.
Eye Contact:	Particles may cause irritation and smarting.
Ingestion:	Gastrointestinal symptoms including upset stomach.
Inhalation:	Dust may irritate respiratory system or lungs.
Medical Symptoms:	Sore throat. Difficulty in breathing.

Not regarded as a health hazard under current legislation. Inhalation of dust may cause shortness of breath, tightness of the chest, sore throat and cough. May cause irritation to skin or eyes.

FIRST AID

Skin Contact:	Wash skin immediately with soap and water. Seek medical attention if any discomfort continues.
Eye Contact:	Rinse the eyes with water immediately.
Ingestion:	Seek medical advice if larger quantity has been consumed.
Inhalation:	Remove from source of exposure to fresh air.

OBTAIN MEDICAL ADVICE IF ANY OF THE ABOVE SYMPTOMS PERSIST

PRECAUTIONS FOR STORAGE, HANDLING & USE

DO NOT weld or apply heat to equipment or plant which may have contained fertiliser without first washing thoroughly to remove ALL fertiliser.



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Storage:

The basic requirements are the avoidance on involvement in a fire and contamination. Locate away from sources of heat, fire and explosion. Store at moderate temperatures in a dry, well-ventilated area. Keep away from combustible materials and chemical substances, taking care that it is not stored near hay, straw, grain, diesel oil, sawdust etc. Keep the storage areas clean, tidy and free from spillage.

DO NOT permit smoking or the use of naked lights in the storage area. Buildings used for storage should be dry and well ventilated. Stacks should be kept at least one meter from walls eaves and beams.

Handling & Use:

Avoid handling which leads to dust formation. Avoid spilling, skin and eye contact. Use in accordance with manufacturers advice. Do not exceed recommended rates of application.

Personal Protection:

Provide adequate general and local exhaust ventilation. Use with local exhaust ventilation to minimise dust levels. Wear respirator if there is dust formation. Dust filter P2 (for fine dust). Use protective gloves. Wear eye goggles, keep eye-wash handy. Wash hands after use and before eating, smoking and using toilet.

SPILLAGE

Do not breathe dust. Wear personal protective equipment. Use a respirator. Extinguish naked flames and remove all sources of ignition. Keep away from drains, water courses and soil. Shovel into dry containers. Cover and move the containers. Flush the area with water. Dispose of in accordance with local authority requirements.

USER RESPONSIBILITY

This safety data sheet provides health and safety information. The product is to be in applications consistent with company advice. Individuals handling this product should be informed of the recommended safety precautions and should have access to this information. Please consult company sales office for any further advice. To the best of the company's knowledge the information contained in this data sheet is correct at the time of publication. The user should contact the company for updated advice and in any event must be satisfied that the product is entirely suitable for its intended use. The company accepts no liability for any loss or damage resulting from reliance on this information.

