Material Safety Data Sheet



STONEMEDIC 5X POWDER

Section 1. Chemical product and company identification

Trade name : STONEMEDIC 5X POWDER

Product use : Floor care product

Supplier : Ecolab Inc. Professional Products Division

370 N. Wabasha St. St. Paul, MN 55102 1-800-247-5362

Code : 910983

Date of issue : 25-March-2005

EMERGENCY HEALTH INFORMATION: 1-800-328-0026 Outside United States and Canada CALL 1-651-222-5352

Section 2. Composition, Information on Ingredients

Name
aluminaCAS number% by weight
1344-28-120potassium hydrogen oxalate127-95-7>50

Section 3. Hazards identification

Physical state : Solid. (Powder.)

Emergency overview

: Warning!

HARMFUL IF SWALLOWED.

CAUSES RESPIRATORY TRACT, EYE AND SKIN IRRITATION.

Do not ingest. Avoid contact with skin and clothing. Avoid breathing dust. Keep container closed. Use only with adequate ventilation. Wash thoroughly after

handling.

Potential acute health effects

Eyes : Irritating to eyes.
Skin : Irritating to skin.

Inhalation: Irritating to respiratory system.

Ingestion : Harmful if swallowed.

See toxicological Information (section 11)

Section 4. First aid measures

Eye contact: In case of contact, immediately flush eyes with cool running water. Remove

contact lenses and continue flushing with plenty of water for at least 15 minutes.

Get medical attention if irritation persists.

Skin contact: Wash with soap and water. Get medical attention if irritation occurs. Wash

clothing before reuse.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If

breathing is difficult, give oxygen. Get medical attention.

Ingestion : Rinse mouth; then drink one or two large glasses of water. Do NOT induce

vomiting unless directed to do so by medical personnel. Never give anything by

mouth to an unconscious person. Get medical attention immediately.

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Section 5. Fire fighting measures

Flash point

: > 100°C

Fire fighting media and instructions

: Use an extinguishing agent suitable for surrounding fires.

Dike area of fire to prevent product run-off.

No specific hazard.

Special protective equipment for fire-fighters

: Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full facepiece operated in positive pressure

mode.

Section 6. Accidental release measures

Personal precautions

: Ventilate area of leak or spill. Do not touch damaged containers or spilled material unless wearing appropriate protective equipment (Section 8). Stop leak if without risk. Prevent entry into sewers, water courses, basements or confined areas.

Environmental precautions

Methods for

cleaning up

: Avoid dispersal of spilled material and runoff and contact with soil, waterways,

drains and sewers.

: If emergency personnel are unavailable vacuum or carefully scoop up spilled materials and place in an appropriate container for disposal. Avoid creating dusty conditions and prevent wind dispersal.

Section 7. Handling and storage

Handling

: Do not ingest. Avoid contact with eyes, skin and clothing. Keep container closed. Use only with adequate ventilation. Avoid breathing dust. Wash thoroughly after handling.

Storage

: Keep out of the reach of children. Keep container tightly closed. Keep container in a cool, well-ventilated area.

Store between 0 and 50°C

Section 8. Exposure Controls, Personal Protection

Engineering controls

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal protection

Eyes: Use safety eyewear designed to protect against splash of liquids.

Hands: Use chemical resistant, impervious gloves.

Skin: No protective equipment is needed under normal use conditions.

Respiratory: Avoid breathing dust.

<u>Name</u>

Exposure limits

alumina

ACGIH TLV (United States, 5/2004). Notes: 1996 Adoption The value is for total dust containing no asbestos and < 1% crystalline silica. Refers to Appendix A --

Carcinogens.

TWA: 10 mg/m³ 8 hour(s). Form: All forms **OSHA PEL (United States, 6/1993).**

TWA: 5 mg/m³ 8 hour(s). Form: Respirable fraction

TWA: 15 mg/m³ 8 hour(s). Form: Total dust

Section 9. Physical and chemical properties

Physical state : Solid. (Powder.)

Color : Yellow.
Odor : Odorless.
pH : 0 (1%)

Solubility: Partially soluble in cold water, hot water.

Section 10. Stability and reactivity

Stability: The product is stable.

Section 11. Toxicological information

Potential acute health effects

Eyes : Irritating to eyes.

Skin : Irritating to skin.

Inhalation: Irritating to respiratory system.

Ingestion: Harmful if swallowed.

Chronic effects on humans

Chronic effects : Contains material which causes damage to the following organs: lungs, upper

respiratory tract, skin, eye, lens or cornea.

Section 12. Ecological information

Products of degradation

: These products are carbon oxides (CO, CO₂) and water. Some metallic oxides.

Section 13. Disposal considerations

Waste disposal

: The generation of waste should be avoided or minimized wherever possible.

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Consult your local or regional authorities.

Section 14. Transport information

Regulatory information	UN number	Proper shipping name	Class	Packing group	Additional information
DOT Classification	UN2811	Toxic solids, organic, n.o.s.(Potassium binoxalate)	6.1	III	Limited quantity Yes. Packaging instruction Passenger Aircraft Quantity limitation: 100 kg Cargo Aircraft Quantity limitation: 200 kg Special provisions IB8, IP3

APPLIES ONLY DURING ROAD TRANSPORT

Any variation of the shipping description based on the packaging is not addressed.

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Section 15. Regulatory information

HCS : Toxic material Classification Irritating material

Target organ effects

U.S. Federal regulations

: SARA 302/304/311/312 extremely hazardous substances: None.

SARA 302/304 emergency planning and notification: None.

TSCA 8(b) : All materials are listed or exempt.

inventory SARA 313

Product name Concentration 10 - 30

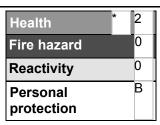
Form R - Reporting requirements

California prop. : No products were found.

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Section 16. Other information

Hazardous Material Information System (U.S.A.)



Date of issue : 25-March-2005.
Responsible : Regulatory Affairs

name

Date of previous : 25-March-2005.

issue

Notice to reader

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.