



# S H E P A R D B R O S . I N C .

## M A T E R I A L S A F E T Y D A T A S H E E T ( M S D S )

**SECTION 1.****COMPANY AND PRODUCT IDENTIFICATION:**

MANUFACTURER: Shepard Bros., Inc.	EMERGENCY TELEPHONE NUMBER (Chemtrec): Domestic:(800) 424 – 9300 International (703) 527 - 3887
ADDRESS: 503 S. Cypress St. La Habra, CA 90631	TELEPHONE NUMBER FOR INFO: (562) 697-1366
DATE PREPARED: 8/23/10	FAX NO. (562) 697-5786
PRODUCT NAME: <b>MCCALLA CONCRETE FLOOR CLEANER (R4020)</b>	DESCRIPTION: Concrete Floor Cleaner

**SECTION 2.****HAZARDS IDENTIFICATION:****I. EMERGENCY OVERVIEW**

White free flowing powder. May irritate skin and eyes. Dusts may irritate respiratory tract.  
May react with acids to release carbon dioxide gas and heat.  
Routes of Entry: eyes, skin, inhalation of dust or mist.

**II. POTENTIAL HEALTH EFFECTS**

**INHALATION:** Prolonged inhalation of product dusts may irritate nose, throat and lungs.

**SKIN CONTACT:** Prolonged contact may cause skin irritation (red, dry, cracked skin).

**EYE CONTACT:** Causes irritation

**INGESTION:** Harmful if swallowed. May cause gastrointestinal irritation.

**CHRONIC EFFECTS AND MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:** Chronic effects and medical conditions aggravated by overexposure to this product have not been established.

**SECTION 3.****COMPOSITION / INFORMATION ON INGREDIENTS:**

The identity of individual components of this mixture is proprietary information and regarded to be a trade secret. However, based on the health hazard determination of ingredients present at a concentration greater than 1% and 0.1% or more of a carcinogenic substance, this mixture presents the following hazard:

HAZARDOUS COMPONENTS	% (RANGE)	CAS NO.	OSHA PEL	ACGIH TLV
Sodium Metasilicate	6834-92-0	1 – 10	Not established	Not established *Manufacturer's recommended exposure limit is 2 mg/m <sup>3</sup> ceiling limit.
Ethylene Glycol Monobutyl Ether	111-76-2	1 – 5	50 ppm (skin)	20 ppm
Sodium Carbonate	497-19-8	70 - 90	Not established*	Not established

\*Particulates Not Otherwise Regulated

OSHA (PEL/TWA) 15 mg/m<sup>3</sup> (total dust); 5mg/m<sup>3</sup> (resp. fraction)

MSHA (PEL/TWA) 10 mg/m<sup>3</sup>



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## MATERIAL SAFETY DATA SHEET (MSDS)

### SECTION 4.

#### FIRST AID MEASURES:

**INHALATION:** Immediately move victim to fresh air. Give artificial respiration if breathing has stopped. Get medical attention immediately.

**SKIN:** Immediately flush the area with flowing water for at least 15 minutes, while removing contaminated clothing. Wash the area with a nonabrasive soap and plenty of water. Wash clothing separately before reuse.

**EYES:** Immediately flush with plenty of water, alternately lifting the upper and lower eyelids. If appropriate, after 5 minutes, remove contact lenses and continue flushing the eyes for an additional 15 minutes. Get medical attention if irritation persists.

**INGESTION:** Drink 2-3 glasses of water. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. Get prompt medical attention.

### SECTION 5.

#### FIRE FIGHTING MEASURES:

**EXTINGUISHING MEDIA:** Foam, CO<sub>2</sub>, water fog, sand/earth

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None known

**SPECIAL FIRE FIGHTING PROCEDURES:** Must wear NIOSH approved or equivalent self-contained breathing apparatus and protective clothing.

### SECTION 6.

#### ACCIDENTAL RELEASE MEASURES:

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Recover usable material by convenient method. Vacuum or sweep up the material. Consult state or federal agencies for disposal procedures and locations.

### SECTION 7.

#### HANDLING AND STORAGE:

**USAGE PRECAUTIONS:** Use as directed. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice. Use approved respiratory protection when ventilation systems are not available. Avoid breathing dusts.

**STORAGE PRECAUTIONS:** It is recommended that this material be stored in a cool area. Protect containers against damage. Keep closed until used. Store away from heat, sparks, open flame or sunlight. Keep out of reach of children.

**OTHER PRECAUTIONS:** not applicable

### SECTION 8.

#### EXPOSURE CONTROLS AND PERSONAL PROTECTION:

**ENGINEERING CONTROLS:** Ensure adequate ventilation. Local exhaust is suggested for use in enclosed or confined areas. Maintain eye wash equipment.

**RESPIRATORY PROTECTION:** No special respiratory protection equipment is required with adequate ventilation. If dust cannot be controlled with ventilation or other engineering means, use a NIOSH/MSHA approved respirator, with a full-facepiece or a full-facepiece respirator with organic vapor cartridges.

**SKIN PROTECTION:** Wear long-sleeve shirt and trousers, and impervious (rubber or neoprene) gloves for routine product use.

**EYE PROTECTION:** Wear safety glasses with side shields.



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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES:

**FLASH POINT:** NA  
**BOILING POINT:** NA  
**MELTING POINT:** ND  
**VAPOR PRESSURE (mm Hg):** NA  
**% VOLATILE BY VOLUME:** not available  
**BULK DENSITY:** 65 – 75 lb/ft<sup>3</sup>  
**APPEARANCE:** White free flowing powder.  
**ODOR / TASTE:** Mild  
**SOLUBILITY IN WATER:** Complete  
**pH at 25°C:** 11 – 12 (1% solution)  
**VISCOSITY:** ND

### SECTION 10. STABILITY AND REACTIVITY:

**STABILITY**      \_\_\_\_\_ Unstable      X   Stable

**INCOMPATIBILITY (*Materials to Avoid*):** Avoid contact with active metals such as aluminum, tin, or zinc and strong acids.

**HAZARDOUS DECOMPOSITION PRODUCTS:** High temperatures and flames may produce toxic carbon monoxide and oxides of sodium.

**HAZARDOUS POLYMERIZATION:** \_\_\_\_\_ MAY OCCUR      X   WILL NOT OCCUR

**CONDITIONS TO AVOID:** High temperatures, flames, and incompatibles.

### SECTION 11. TOXICOLOGICAL INFORMATION:

Toxicological data is not available.

### SECTION 12. ECOLOGICAL INFORMATION:

Ecological data is not available.

### SECTION 13. DISPOSAL CONSIDERATIONS:

Collect and dispose of in accordance with Federal, State and Local laws and regulations.

### SECTION 14. TRANSPORT INFORMATION:

#### DOT

Not regulated

### SECTION 15. REGULATORY INFORMATION:

This product is not considered a carcinogen or cancer suspect under NTP, IARC and OSHA.

**CALIFORNIA PROPOSITION 65:** None

**Label:** NA

**NFPA RATING:** Health: 2    Fire: 0    Reactivity: 0



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**MATERIAL SAFETY DATA SHEET (MSDS)**

**SECTION 16.**

**OTHER INFORMATION:**

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**SUPERSEDES:** MSDS issued on 1/20/09

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NA: not applicable      ND: not determined

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