

# MATERIAL SAFETY DATA SHEET

## SECTION I - PRODUCT IDENTIFICATION

**Product Name:** K15 CARPET CLEANING COMPOUND

**Product Use:** Carpet cleaner

**WHMIS Class:** Class E - Corrosive Material

**TDG Classification:** CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.  
(Sodium metasilicate); Class 8; UN3262; PG III

**Manufacturer/Supplier:** Kemsol Products Ltd.

**Address:** PO Box 1577  
Regina, SK S4P 3C4

**Telephone:** (306) 569-0636

HEALTH	3
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

## SECTION II - HAZARDOUS INGREDIENTS

### Ingredients

Sodium metasilicate  
Sodium tripolyphosphate

### CAS#

6834-92-0  
7758-29-4

### Wt%

1 - 5  
30 - 60

### ACGIH-TLV

10 mg/m<sup>3</sup> TWA  
Not available

### LC<sub>50</sub>

Not available  
Not available

### LD<sub>50</sub>

800 mg/kg oral, rat  
3900 mg/kg oral, rat

## SECTION III - PHYSICAL DATA

**Boiling Point (°C):** Not applicable

**Vapour Pressure (mm Hg):** Not applicable

**Vapour Density (Air = 1):** Not applicable

**Solubility in Water:** Complete

**Physical State:** Solid

**Appearance; Odour:** White powder; mild

**Specific Gravity (H<sub>2</sub>O = 1):** 1.070

**% Volatile (Wt %):** 0

**Evaporation Rate (Ether = 1):** Not applicable

**pH (10%):** 12.3

**Viscosity:** Not applicable

**Odour Threshold (ppm):** Not available

## SECTION IV - FIRE AND EXPLOSION DATA

**Flammability:** Not flammable by WHMIS criteria.

**Flash Point (°C, TCC):** None

**LEL:** Not applicable

**UEL:** Not applicable

**Hazardous Combustion Products:** May include and are not limited to oxides of carbon, oxides of phosphorous.

**Autoignition Temperature (°C):** Not applicable

**Means of Extinction:** Dry chemical, foam, water, carbon dioxide.

**Special Fire Hazards:** Firefighters should wear self-contained breathing apparatus.

## SECTION V - REACTIVITY DATA

**Conditions for Chemical Instability:** Stable.

**Incompatible Materials:** Oxidizers, acids.

**Reactivity, and Under What Conditions:** Not available.

**Hazardous Decomposition Products:** May include and are not limited to oxides of carbon, oxides of phosphorous when heated to decomposition.

SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry: Eye, Skin contact, Inhalation, Ingestion.

EFFECTS OF ACUTE EXPOSURE:

Eye: May cause chemical burns. May cause blindness.

Skin: May cause chemical burns. Harmful contact may not cause immediate pain.

Inhalation (dusts): Harmful. May cause respiratory tract irritation or chemical burns.

Ingestion: Harmful if swallowed. May cause chemical burns to mouth, throat and stomach.

EFFECTS OF CHRONIC EXPOSURE:

Skin: Corrosive by WHMIS criteria.

Irritancy: Corrosive by WHMIS criteria.

Respiratory Tract Sensitization: No data available.

Carcinogenicity: Non-hazardous by WHMIS criteria.

Teratogenicity, Mutagenicity, Reproductive Effects: No data available.

Synergistic Materials: Not available.

SECTION VII- PREVENTATIVE MEASURES

Gloves: Rubber gloves. Confirm with a reputable supplier first.

Eye Protection: Dust goggles recommended. Chemical splash goggles if risk of contact with solutions.

Respiratory Protection: Not normally required if good ventilation is maintained.

Other Protective Equipment: As required by employer code.

Engineering Controls: Local exhaust recommended for dusts.

Leak and Spill Procedure: Before attempting clean up, refer to hazard data given above. Use broom or dry vacuum to collect material for proper disposal without raising dust. Rinse area with water. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

Waste Disposal: Review federal, provincial, and local government requirements prior to disposal.

Storage and Handling Requirements: Keep out of reach of children. Store in a closed container away from incompatible materials. Store in a cool, dry, well-ventilated area.

SECTION VIII - FIRST AID

Eye: Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Obtain medical attention immediately.

Skin: Brush away excess of dry material. Immediately flush with cool water for 15 minutes. Obtain medical attention if irritation persists.

Inhalation: Move victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion: Do not induce vomiting. Rinse mouth with water then drink one or two glasses of water. Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing.

SECTION IX - PREPARATION INFORMATION

Date: 06/01/09

Telephone: (306) 569-0636

MSDS Prepared by: Kemsol Products Ltd.

Disclaimer

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this form. If user requires independent information on ingredients in this or any other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-905-572-4400) or CSST in Montreal, Quebec (514-873-3990).