

MATERIAL SAFETY DATA SHEET

Product Name: SWEEPING COMPOUND - REGULAR

Product No. 117.00

SAVIN PRODUCTS COMPANY, INC

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: SWEEPING COMPOUND - REGULAR

Emergency phone: Chemtrec: 800-424-9300

Product Information: 781-961-2744

Company: SAVIN PRODUCTS COMPANY, INC
214 HIGH STREET
RANDOLPH, MA 02368

Date Prepared: 01-15-04

Supersedes: 02-15-02

Prepared by: KJS

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Exposure Limits</u>	<u>Typical % by Weight</u>
1. Wood Dust (Softwood)	ZC9850000 (RTECS)	OSHA PEL: TWA 15 mg/m ³ (total) TWA 5 mg/m ³ (respirable) TLV 5 mg/m ³ (ACGIH)	40-50%
2. Silica	14808-60-7	OSHA PEL: 1.2 mg/m ³ TWA (respirable dust)* TLV: 0.1 mg/m ³ (respirable dust) (ACGIH 1997).	20-30%
3. Petroleum Hydrocarbon Distillate	64742-46-7	MIST - OSHA PEL: TWA 5 mg/m ³ ACGIH TLV: 10 mg/m ³	3-8%

* As calculated using the OSHA formula $PEL\ mg/m^3 = 10\ mg/m^3 / (SiO_2 + 2)$ assuming 6.4% respirable quartz in product as determined by Liberty Mutual Insurance Company Analytical Laboratory..

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING: Harmful if inhaled. This product as sold presents no inhalation hazard. However, the dust generated from the swept surface under normal use conditions may cause respiratory tract and eye irritation. Prolonged exposure via inhalation of dust can cause fibrosis (silicosis). Avoid breathing dust. Keep container closed and use only with adequate ventilation.

EFFECTS of OVEREXPOSURE:

CARCINOGENICITY:

NTP: No

IARC: No

OSHA: No

EYE: May irritate eyes with redness and pain.

SKIN: May cause irritation by mechanical or chemical action.

INHALATION: Irritating to mucous membranes of the throat and lungs.

INGESTION: May result in gastric disturbances.

CHRONIC EFFECTS and MEDICAL CONDITIONS: Repeated or prolonged inhalation of the dust particles may cause silicosis. Symptoms include a progressive dry cough, shortness of breath and decreased chest expansion. Safe handling of this material on a long-term basis should emphasize the avoidance of all effects from repetitive acute exposure. This product may aggravate existing eye, skin and respiratory conditions. This product contains Crystalline SILICA which is a known human carcinogen!

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4. FIRST AID MEASURES

EYES: Flush with copious amounts of water. Get immediate medical attention.

SKIN: Remove contaminated clothing. Launder contaminated clothing before reuse.

INHALATION: Remove to fresh air. If breathing is difficult, oxygen may be given, preferably with a physician's advice. If not breathing, give artificial respiration. Get medical attention.

INGESTION: If swallowed, do not induce vomiting. If vomiting does occur keep head below hips to help prevent aspiration. Do not give anything by mouth to an unconscious person. Get immediate medical attention.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

Flash Point: >256° F Test: SETA CC (component)

Explosive Limits: LEL: N/A UEL: N/A

NFPA/OSHA: Class III-B Combustible.

EXTINGUISHING MEDIA: Use water spray, dry chemical, CO².

UNUSUAL FIRE and EXPLOSION HAZARDS: Combustion may produce noxious and irritating gases which require fresh air source in fire fighting.

FIREFIGHTING INSTRUCTIONS: Firefighters should wear NIOSH approved, positive pressure, self-contained breathing apparatus and full protective clothing when appropriate.

6. ACCIDENTAL RELEASE MEASURES

SPILLS: Sweep up and containerize for reclamation or disposal.

7. HANDLING AND STORAGE

Handle according to good manufacturing and warehousing practices. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet facilities. Promptly remove soiled clothing and wash thoroughly before reuse. Store only in tightly closed containers away from heat. This product contains mineral oil which suppresses the generation of dust during normal use.
FOR COMMERCIAL USE ONLY. DO NOT USE IN HOUSEHOLD AREA.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION: N/A

PROTECTIVE GLOVES: N/A

RESPIRATORY PROTECTION: No occupational exposure standards have been developed for this material. Where exposure through inhalation may occur from use, NIOSH/MSHA approved respiratory protection equipment is recommended.

VENTILATION: Ventilation is required in case of dust conditions. Either local exhaust or general room ventilation is usually adequate.

OTHER PROTECTIVE EQUIPMENT: N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Green, granular solid. Mild odor

BOILING POINT: Solid N/A

VAPOR PRESSURE (mm): solid N/A

VAPOR DENSITY (air=1): solid N/A

% VOLATILITY : N/A

EVAPORATION RATE: ca Water

SOLUBILITY IN WATER: Insoluble

DENSITY: 20 lbs/ft³

pH(in soln.): ca 7.00

ODOR: Mild.

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10. STABILITY AND REACTIVITY

CHEMICAL STABILITY (CONDITIONS TO AVOID): Stable.

INCOMPATIBILITY: Strong acids, strong oxidizers and excessive heat.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, Carbon Dioxide and other toxic gases.

HAZARDOUS POLYMERIZATION: None

11. TOXICOLOGICAL INFORMATION

No LD50 or LC50 found for oral, dermal or inhalation routes of administration.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL/CHEMICAL FATE INFORMATION: N/A.

13. DISPOSAL CONSIDERATIONS

Generally permitted in sanitary landfill approved under local ordinances. Do not discharge to ponds, streams, waterways. Incineration is the usual disposal method. (EPA approval maybe required). Local agencies may require special disposal conditions. Contains no phosphates or surfactants.

14. TRANSPORT INFORMATION

SHIPPING NAME: Compound, Cleaning, Solid

HAZARD CLASS: Not regulated as HAZMAT.

ID #: N/A

PACKING GROUP: N/A

LABEL: N/A

15. REGULATORY INFORMATION

This material does not contain nor was it manufactured using ozone-depleting chemicals.

U.S. FEDERAL REGULATIONS:

TSCA STATUS: All ingredients on Toxic Substance Control Act Inventory.

CERCLA REPORTABLE QUANTITY: N/A

SARA TITLE III:

Section 302 Extremely Hazardous Substances: None.

Section 311/312 Hazardous Categories: Immediate (Acute)

Section 313 Toxic Chemicals: None

16. OTHER INFORMATION

All label precautions must be observed when handling, storing and transporting empty containers due to product residues.

REFERENCES:

- U.S. Dept. of Health and Human Services, NIOSH: Registry of Toxic Effects of Chemical Substances, 1985-86 Edition.
- Sax, N. Irving and Lewis, R.J.: Dangerous Properties of Industrial Materials, 7th Edition, Van Nostrand Reinhold Co., 1989.
- Lewis, R.J.: Hawley's Condensed Chemical Dictionary, 12th Edition, Van Nostrand Reinhold Co., 1993.
- U.S. Dept. of Transportation, U.S. Coast Guard: CHRIS Hazardous Chemical Data, 1982.
- U.S. Dept. of Labor, OSHA: Air Contaminants - Permissible Exposure Limits, 1989.
- National Fire Protection Association (NFPA): Fire Protection Guide on Hazardous Materials (NFPA 325M/49/491M/704), 9th Edition, 1986.
- National Fire Protection Association (NFPA): Hazardous Materials Response Handbook, Henry, M.F., Editor, 1989.
- Merck & Co., Inc.: The Merck Index, 11th Edition, 1989.

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