



Material Safety Data Sheet

Material Name: SAFETY KLEEN PROFESSIONAL NATURE'S BROOM ABSORBENT

ID: 820046

*** Section 1 - Chemical Product and Company Identification ***

Product Code: 7641

Product Use: Absorbent and filler. If this product is used in combination with other products, refer to the Safety Data Sheet for those products.

Synonyms: Not available

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Emergency # 1-800-468-1760
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PREPARED BY: Product MSDS Coordinator

APPROVED BY: MSDS Task Force

*** Section 2 - Hazardous Identification ***

EMERGENCY OVERVIEW

Appearance

Lightly colored oily granules

Signal Word

CAUTION!

Physical Hazards

Product can burn under significant fire conditions, but will not readily burn.

Health Hazards

May irritate the respiratory tract (nose, throat, and lungs), gastrointestinal tract, skin and eyes.

POTENTIAL HEALTH EFFECTS

Inhalation (Breathing)

Dust may irritate the respiratory tract (nose, throat and lungs).

Eyes

May cause mechanical irritation. Rubbing may cause abrasion of cornea.

Skin

May cause irritation. Mechanical rubbing may increase skin irritation. Not likely to be absorbed through the skin in harmful amounts.

Ingestion (Swallowing)

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Product contains a small amount of oil, which, if breathed into the lungs, can cause an aspiration hazard.

Medical Conditions Aggravated by Exposure

Individuals with pre-existing respiratory tract (nose, throat, and lungs), eye, and/or skin disorders may have increased susceptibility to the effects of exposure.

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Chronic

Prolonged or repeated eye contact with irritants may cause inflammation of the membrane lining the eyelids and covering the eyeball (conjunctivitis) or dermatitis. Prolonged contact with particulate matter may cause damage to the lung.

Cancer Information

No known carcinogenicity. For more information, see **SECTION 11: CARCINOGENICITY**.

Also see **SECTION 15: CALIFORNIA**.

Environmental Hazards

Based on components is not expected to be hazardous to aquatic life. Also see **SECTION 12: ECOLOGICAL INFORMATION**.; Based on components is not expected to be hazardous to aquatic life. Also see **SECTION 12: ECOLOGICAL INFORMATION**.

*** Section 3 - Composition / Information on Ingredients ***

CAS #	Component	Percent
9004-34-6	Cellulose	90-100
64741-44-2	Mineral oil	1-10

*** Section 4 - First Aid Measures ***

Inhalation (Breathing)

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Oxygen should only be administered by qualified personnel. Someone should stay with victim. Get medical attention if breathing difficulty persists.

Eyes

If irritation or redness from exposure develops, move away from exposure into fresh air. Upon contact, immediately flush eyes with plenty of lukewarm water, holding eyelids apart, for 15 minutes. Get medical attention.

Skin

Remove affected clothing and shoes. Wash skin thoroughly with soap and water. Get medical attention if irritation or pain develops or persists. Wash contaminated clothing before reuse.

Ingestion (Swallowing)

Do NOT induce vomiting. Immediately get medical attention. Call 1-800-468-1760 for additional information. Never give anything by mouth to an unconscious person.

Notes to Physicians

Treat symptomatically and supportively. Treatment may vary with condition of victim and specifics of incident. Call 1-800-468-1760 for additional information.

*** Section 5 - Fire Fighting Measures ***

Hazardous Combustion Products

Decomposition of this product may emit oxides of nitrogen and carbon monoxide, carbon dioxide, and unidentified organic compounds.

Conditions of Flammability

Product is not flammable, but will burn under fire conditions.

Extinguishing Media

Carbon dioxide, alcohol-resistant foam, dry chemical, water spray, or water fog.

Protective Equipment For Firefighting

A positive-pressure, self-contained breathing apparatus (SCBA) and full-body protective equipment are required for fire emergencies.

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Fire Fighting Equipment/Instructions

Keep storage containers cool with water spray.

NFPA Ratings: Health: 1 Fire: 1 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Fire and Explosion Hazards

Product is not sensitive to mechanical impact or static discharge.

*** Section 6 - Accidental Release Measures ***

Do not touch or walk through spilled product. Wear protective equipment and provide engineering controls as specified in **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Ventilate area and avoid breathing dust. Shovel spill with a clean tool into a sealable container for disposal.

*** Section 7 - Handling and Storage ***

Handling Procedures

Use clean tools. Avoid breathing dust. Use in a well ventilated area. Avoid contact with eyes, skin, clothing, and shoes. Wash thoroughly after handling. Keep away from heat and open flames.

Shipping and Storing

Keep container tightly closed when not in use and during transport. Store containers in a cool, dry place away from incompatible materials. Keep containers away from heat, flame, sparks, or other sources of ignition.

*** Section 8 - Exposure Controls / Personal Protection ***

Exposure Guidelines

Component Exposure Limits

Cellulose (9004-34-6)

ACGIH: 10 mg/m3 TWA

OSHA Final: 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)

OSHA Vacated: 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)

NIOSH: 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)

Engineering Controls

Provide general ventilation needed to maintain concentration of vapor or mist below applicable exposure limits. Where adequate general ventilation is unavailable, use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below applicable exposure limits.

Personal Protective Equipment: Respiratory

None necessary for ordinary use. Use NIOSH-certified P- or R- series particulate filter respiratory protective equipment when concentration of dust exceeds applicable exposure limits. Protection provided by air purifying respirators is limited. Selection and use of respiratory protective equipment should be in accordance in the USA with OSHA General Industry Standard 29 CFR 1910.134; or in Canada with CSA Standard Z94.4.

Personal Protective Equipment: Eyes/Face

Where eye contact is likely, wear safety glasses; contact lens use is not recommended.

Personal Protective Equipment: Skin

None necessary for ordinary use.

To avoid prolonged or repeated contact where spills are likely, wear appropriate protective gloves and clothing.

Personal Protective Equipment: Personal Hygiene

Use good personal hygiene. Wash thoroughly with soap and water after handling product and before eating, drinking, or using tobacco products. Clean affected clothing, shoes, and protective equipment before reuse. Discard affected clothing, shoes, and/or protective equipment if they cannot be thoroughly cleaned. Discard leather articles, such as shoes, saturated with these products.

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Other Personal Protective Equipment

Where spills and splashes are likely, facilities storing or using these products should be equipped with an emergency eyewash and shower, both equipped with clean water, in the immediate work area.

*** Section 9 - Physical & Chemical Properties ***

Appearance/Odor : Light colored oily granules
None

Boiling Point: Not applicable

Solubility (H2O): Insoluble

Density: Not available

Evaporation Rate: Not applicable

Auto Ignition Temperature: Not applicable

Flash Point: Not applicable

Viscosity: Not available

Vapor Density: 8.0 (air = 1) (mineral oil)

Freezing Point: Not available

pH: Not applicable

Odor Threshold: Not applicable

Melting Point: Not available

Specific Gravity: Not available

Octanol/H2O Coeff.: Not available.

Molecular Weight: Not applicable

LFL: Not applicable

UFL: Not applicable

Vapor Pressure: 0.2 mm Hg @ 100°F (37.8°C)
(mineral oil)

VOC Negligible

*** Section 10 - Chemical Stability & Reactivity Information ***

Stability

Stable under normal temperatures and pressures.

Incompatibility

Avoid strong oxidizing agents.

Reactivity

Polymerization is not known to occur under normal temperature and pressures. May react with water and release heat.

Hazardous Decomposition Products

None under normal temperatures and pressures., See also **SECTION 5: HAZARDOUS COMBUSTION PRODUCTS.**

Conditions To Avoid

Keep away from sources of ignition and incompatible materials. Avoid dispersion of dust in air.

*** Section 11 - Toxicological Information ***

Toxicity Data

Component Analysis - LD50/LC50

Cellulose (9004-34-6)

Inhalation LC50 Rat >5800 mg/m3 4 h

Mineral oil (64741-44-2)

Dermal LD50 Rabbit >2000 mg/kg; Inhalation LC50 Rat 1700 mg/m3 4 h; Oral LD50 Rat 5000 mg/kg

Acute Effects

Product causes mechanical irritation to the skin, eyes and respiratory tract. Ingestion may cause gastrointestinal irritation., Product is coated in mineral oil, which can be an aspiration hazard.

Repeated Dose Effects

Prolonged contact with particulate matter may cause damage to the lung.

Based on best current information, there is no known reproductive toxicity associated with this product.,

Based on best current information, there is no known mutagenicity associated with this product.,

Based on best current information, there is no known human sensitization associated with this product.

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Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

Target Organ Effects

Prolonged contact with particulate matter may cause damage to the lung.

Sensitization

Based on best current information, there is no known human sensitization associated with these products.

Mutagenicity

Based on best current information, there is no known mutagenicity associated with these products.

Reproductive Toxicity

Based on best current information, there is no known reproductive toxicity associated with these products.

Teratogenicity

Based on best current information, there is no known teratogenicity associated with these products.

Toxicologically Synergistic Products

Based on best current information, there are no known toxicologically synergistic products associated with these products.

*** Section 12 - Ecological Information ***

Ecotoxicity

Based on components, product is not expected to be harmful to aquatic life.

Component Analysis - Ecotoxicity - Aquatic Toxicity

Not available.

Persistence/Degradability

No information available for the product.

Bioaccumulation/Accumulation

No information available for the product.

Mobility in Environmental Media

No information available for the product.

Other Adverse Effects

No information available for the product.

*** Section 13 - Disposal Considerations ***

Disposal Instructions

Dispose in accordance with federal, state, provincial, and local regulations. Regulations may also apply to empty containers. The responsibility for proper waste disposal lies with the owner of the waste. Contact Safety-Kleen regarding proper recycling or disposal.

US EPA Waste Number & Descriptions

These products, if discarded, are not expected to be a characteristic or listed hazardous waste. Processing, use, or contamination by the user may change the waste code(s) applicable to the disposal of these products.

*** Section 14 - Transportation Information ***

Emergency Response Guide Number

Not applicable. Reference *North American Emergency Response Guidebook*

DOT Shipping Name: Not regulated as a hazardous material.

TDG Shipping Name: Not regulated as a dangerous good.

*** Section 15 - Regulatory Information ***

VOC (As Regulated)

Negligible

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SARA Sections 311/312

This product poses the following health hazards as defined in 40 CFR Part 370 and is subject to the requirements of sections 311 and 312 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA):

Immediate (Acute) Health Hazard

SARA 302/304

Component Analysis

Based on the ingredient(s) listed in SECTION 3, this product does not contain any "extremely hazardous substances" listed pursuant to Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Section 302 or Section 304 as identified in 40 CFR Part 355, Appendix A and B.

SARA Section 313

Component Analysis

This product does not contain any "toxic" chemical subject to the requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372.

CERCLA

Component Analysis

Based on the ingredient(s) listed in SECTION 3, this product does not contain any "hazardous substance" listed under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) in 40 CFR Part 302, Table 302.4.

TSCA

All the components of these products are listed on, or are automatically included as "naturally occurring chemical substances" on, or are exempted from the requirement to be listed on, the TSCA Inventory.

Component Analysis

Component	CAS #	TSCA
Cellulose	9004-34-6	Yes
Mineral oil	64741-44-2	Yes

State Regulations

These products do not contain detectable amounts of any chemical known to the State of California to cause cancer.

This product does not contain detectable amounts of any chemical known to the State of California to cause birth defects or other reproductive harm.

U.S. State Regulations

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	MA	MN	NJ	PA	CA
Cellulose	9004-34-6	No	Yes	Yes	Yes	Yes

No component(s) are listed under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65).

Canadian Regulations

These products have been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all information required by the CPR.

Component Analysis

Component	CAS #	CAN
Cellulose	9004-34-6	DSL
Mineral oil	64741-44-2	DSL

Canadian WHMIS Information

Class D2A - Chronic toxic effects., Class D2B - Irritating to eyes and skin.

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Canadian Environmental Protection Act (CEPA)

All the components of these products are listed on, or are automatically included as "substance occurring in nature" on, or are exempted from the requirements to be listed on, the Canadian Domestic Substances List (DSL).

* * * Section 16 - Other Information * * *

Label/Other Information

Not available.

Revision Information

Regulatory review and update.

Disclaimer

User assumes all risks incident to the use of this (these) product(s). To the best of our knowledge, the information contained herein is accurate. However, Safety-Kleen assumes no liability whatsoever for the accuracy or completeness of the information contained herein. No representations or warranties, either express or implied, or merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which information refers. The data contained on this sheet apply to the product(s) as supplied to the user.

End of Sheet 820046