



Material Safety Data Sheet

Material Name: SAFETY-KLEEN ABSORBENT

ID: 82320

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

Product Code: 3391, 7640, 7366, 7566

Product Use: Absorbent for spill cleanup.

Do NOT use for oxidizers (such as sodium hydroxide or drain cleaner), acids (such as battery acid), or alkalis. This product does not render fluids non-flammable, neutral, or less hazardous.

IMPORTANT: DURING AND AFTER USE, HAZARDS MAY CHANGE. FOR MORE INFORMATION, SEE ABSORBED CHEMICALS' MATERIAL SAFETY DATA SHEET.

Synonyms: Corncobs

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Emergency # 1-800-468-1760

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www.safety-kleen.com

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PREPARED BY: Product MSDS Coordinator

APPROVED BY: MSDS Task Force

*** Section 2 - Hazardous Identification ***

EMERGENCY OVERVIEW

Appearance

Free-flowing granules, tan, and odorless.

Signal Word

CAUTION!

Physical Hazards

Can form an explosive mixture with air in confined areas. May cause a fire if mixed with incompatible materials such as oxidizers.

Health Hazards

May irritate the eyes and skin.

POTENTIAL HEALTH EFFECTS

Inhalation (Breathing)

Dust may cause coughing or sneezing.

Eyes

May cause mechanical irritation.

Skin

May cause irritation, but no permanent health effects are expected. Not likely to be absorbed through the skin in harmful amounts.

Ingestion (Swallowing)

No significant adverse effects are expected upon ingestion of the product.

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.

Chronic

Prolonged or repeated eye contact may cause irritation.

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Cancer Information

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

Environmental Hazards

No information available. Also see SECTION 12: ECOLOGICAL INFORMATION.

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

CAS #	Component	Percent
Not Available	Corn cob fractions (all natural corn cob fractions with no additives)	100

Component Related Regulatory Information

This product may be regulated, have exposure limits or other information identified as the following: Nuisance particulates.

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

Inhalation (Breathing)

If affected, remove to fresh air. Call a physician if symptoms develop or persist.

Eyes

For mechanical irritation, move away from exposure into fresh air. Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. If irritation persists get medical attention.

Skin

Get medical attention if irritation or pain develops or persists.

Ingestion (Swallowing)

If product is ingested, consult a physician, if necessary. Call 1-800-468-1760 for additional information. If spontaneous vomiting occurs, keep head below hips to avoid breathing the product into the lungs. Never give anything to an unconscious person by mouth.

Notes to Physicians

Treat symptomatically and supportively. Call 1-800-468-1760 for additional information.

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

Hazardous Combustion Products

Decomposition and combustion materials may be toxic. Burning may produce nitrogen oxides, carbon monoxide, and unidentified organic compounds.

Conditions of Flammability

Sparks or flame.

Extinguishing Media

Carbon dioxide, regular foam, dry chemical, water spray, or water fog.

Protective Equipment For Firefighting

Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

Fire Fighting Equipment/Instructions

Keep storage containers cool with water spray.

NFPA Ratings: Health: 0 Fire: 2 Reactivity: 0

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

Fire and Explosion Hazards

Dusts can form explosive mixtures with air. The minimal explosive concentration is a 200 mesh dust cloud (0.045 oz/ft³). Product is not sensitive to mechanical impact or static discharge.

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

Wear protective equipment and provide engineering controls as specified in **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**. Avoid breathing dusts. Sweep or shovel clean product into a sealable container for reuse or disposal.

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

Handling Procedures

Avoid breathing dusts. Avoid dust generation. Use in a well ventilated area. Avoid contact with skin and eyes.

Shipping and Storing

Keep container tightly closed when not in use and during transport. Keep the container dry.

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

Exposure Guidelines

Component Exposure Limits

Corn cob fractions (all natural corn cob fractions with no additives) (Not Available)

ACGIH: 10 mg/m³ TWA (inhalable particles, recommended); 3 mg/m³ TWA (respirable particles, recommended, related to Nuisance particulates)

OSHA Final: 15 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable fraction, related to Nuisance particulates)

OSHA Vacated: 15 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable fraction, related to Nuisance particulates)

Engineering Controls

Provide general or dilution ventilation needed to maintain concentration of airborne dust below applicable exposure limits.

Personal Protective Equipment: Respiratory

Respirators should not normally be required except in unusual circumstances where exposure limits may be exceeded. In this case, wear an N-, P-, or R- rated respirator. Selection and use of respiratory protective equipment should be in accordance with the USA and OSHA General industry Standard 29 CFR 1910.134; or in Canada with CSA Standard Z94.4.

Personal Protective Equipment: Eyes/Face

Wearing safety glasses is recommended. Contact lenses may be worn with eye protection.

Personal Protective Equipment: Skin

Not required for clean product.

Personal Protective Equipment: 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.

Other Personal Protective Equipment

None required for clean product.

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

Appearance/Odor : Free-flowing granules, tan, and odorless.	pH: Not applicable
Boiling Point: Not applicable	Melting Point: 2200° to 2400°F (1200° to 1300°C)
Solubility (H2O): Slight	Specific Gravity: 1.3 (water = 1) (bulk specific gravity)
Density: 11 LB/US gal (1300 g/L)	Molecular Weight: Not available
Evaporation Rate: Not applicable	Flash Point: 350°F (177°C) Open Cup (based on clean product) 388°F (198°C) Closed Cup (based on clean product)
Odor Threshold: Not applicable	Vapor Density: Not applicable
LFL: Not available.	Freezing Point: 2200° to 2400°F (1200° to 1300°C)
UFL: Not available.	Auto Ignition Temperature: Not available.
Vapor Pressure: Not applicable	

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

Stability

Stable under normal temperatures and pressures. Avoid sparks or flame.

Incompatibility

Avoid acids (such as battery acid), alkalies (such as sodium hydroxide or drain cleaner), or oxidizing agents.

Reactivity

Polymerization is not known to occur under normal temperature and pressures. Not reactive with water.

Hazardous Decomposition Products

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

Conditions To Avoid

Avoid generation of dusts. Keep away from heat, sparks, or open flame.

*** Section 11 - Toxicological Information ***

Toxicity Data

Component Analysis - LD50/LC50

No LD50/LC50's are available for this product's components.

Acute Effects

Dust may cause coughing or sneezing., May cause mechanical irritation., May cause irritation, but no permanent health effects are expected. Not likely to be absorbed through the skin in harmful amounts.

Repeated Dose Effects

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

Component Carcinogenicity

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

Target Organ Effects

None identified.

Sensitization

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

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Mutagenicity

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

Reproductive Toxicity

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

Teratogenicity

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

Toxicologically Synergistic Products

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

*** Section 12 - Ecological Information ***

Ecotoxicity

No information available.

Component Analysis - Ecotoxicity - Aquatic Toxicity

Not available.

Persistence/Degradability

No information available.

Bioaccumulation/Accumulation

No information available.

Mobility in Environmental Media

No information available.

Other Adverse Effects

No information available.

*** Section 13 - Disposal Considerations ***

Disposal Instructions

Processing, use, or contamination by the user may change the waste code(s) applicable to the disposal of this product. 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

No information available.

*** Section 14 - Transportation Information ***

Emergency Response Guide Number

Not applicable

DOT Shipping Name: Not regulated a hazardous material for transport.

TDG Shipping Name: Not regulated as a dangerous good for transport.

*** Section 15 - Regulatory Information ***

Volatile Organic Compounds (As Regulated)

0 WT%; 0 LB/US gallon; 0 g/L As per 40 CFR 51.100(s)

SARA Sections 311/312

This product does not pose physical or health hazards as defined in 40 CFR Part 370 and is not subject to the requirements of sections 311 and 312 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA).

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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

The component of this product is listed on, or is automatically included as "naturally occurring chemical substances" on, or is exempted from the requirement to be listed on, the TSCA Inventory.

Component Analysis

No information is available.

State Regulations

This product does 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

None of this product's components are listed on the state lists from CA, MA, MN, NJ or PA.

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

No information is available.

Canadian WHMIS Information

Not a controlled product under Canadian WHMIS regulations.

Canadian Environmental Protection Act (CEPA)

The component of this product is listed on, or is automatically included as "substance occurring in nature" on, or is exempted from the requirements to be listed on, the Canadian Domestic Substances List (DSL).

* * * Section 16 - Other Information * * *

Label/Other Information

No additional information available.

Revision Information

Regulatory update. Revised format (Sections 2 and 3 switched). Section 1 (Product code added, Address changed, Revision dates), Section 5 (Fire fields), Section 7 (Handling), Section 11 (Toxicology fields), Section 16 (Revision).

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Disclaimer

User assumes all risks incident to the use of this product. 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 expressed or implied, or merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to the information or the product to which the information refers. The data contained on this sheet apply to the product as supplier to the user.

End of Sheet 82320