

**Section 1 - PRODUCT AND COMPANY IDENTIFICATION****Material Name**

SAFETY-KLEEN PROFESSIONAL ABSORBENT

**Product Code**

3391, 7640, 7366, 7566

**Synonyms**

Corncobs

**Product Use**

Absorbent for spill cleanup. If this product is used in combination with other products, refer to the Safety Data Sheet for those products.

**Restrictions on Use**

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 THE SAFETY DATA SHEET FOR THE ABSORBED CHEMICAL.

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**Section 2 - HAZARDS IDENTIFICATION****Classification in accordance with paragraph (d) of 29 CFR 1910.1200.**

Combustible Dust

Serious Eye Damage/Eye Irritation - Category 2B

Specific target organ toxicity - Single exposure - Category 3

**GHS Label Elements****Symbol(s)****Signal Word**

Warning

# Safety Data Sheet

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## Hazard Statement(s)

May form combustible dust concentrations in air.  
Causes eye irritation.  
May cause respiratory irritation.

## Precautionary Statement(s)

### Prevention

Wash thoroughly after handling. Avoid breathing dust. Use only outdoors or in a well-ventilated area.

### Response

IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.  
Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

### Storage

Store in a well-ventilated place. Keep container tightly closed. Store locked up.

### Disposal

Dispose of in accordance with all applicable federal, state and local regulations.

### Other Hazards

None known.

## Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Component Name	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 dusts.

## Section 4 - FIRST AID MEASURES

### Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

### Skin

IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

### Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

### Ingestion

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

### Most Important Symptoms/Effects

#### Acute

Eye irritation, respiratory tract irritation.

#### Delayed

No information on significant adverse effects.

### Indication of any immediate medical attention and special treatment needed

Treat symptomatically and supportively.

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## Section 5 - FIRE FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

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

#### Unsuitable Extinguishing Media

Do not use high-pressure water streams.

### Special Hazards Arising from the Chemical

Negligible fire hazard. May form combustible dust concentrations in air (during handling or processing).

Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. May cause a fire if mixed with incompatible materials such as oxidizers.

### Hazardous Combustion Products

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

### Fire Fighting Measures

Move container from fire area if it can be done without risk. Cool containers with water spray until well after the fire is out. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.

Withdraw immediately in case of rising sound from venting safety device or any discoloration of tanks due to fire. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.

Apply water from a protected location or from a safe distance. Dike for later disposal.

### Special Protective Equipment and Precautions for Firefighters

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

## Section 6 - ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protective clothing and equipment, see Section 8.

### Methods and Materials for Containment and Cleaning Up

Sweep or shovel clean product into a sealable container for reuse or disposal.

## Section 7 - HANDLING AND STORAGE

### Precautions for Safe Handling

Use methods to minimize dust. Avoid significant deposits of material, especially on horizontal surfaces, which may become airborne and form combustible dust clouds and may contribute to secondary explosions.

Wash thoroughly after handling. Wear protective gloves. Avoid breathing dust. Use only outdoors or in a well-ventilated area.

### Conditions for Safe Storage, Including any Incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Store locked up. See SECTION 14: TRANSPORT INFORMATION for packing group information.

### Incompatible Materials

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

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### Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Component Exposure Limits

<b>Corn cob fractions (all natural corn cob fractions with no additives)</b>	<b>Not Available</b>
Alberta	10 mg/m <sup>3</sup> TWA (total) ; 3 mg/m <sup>3</sup> TWA respirable (related to Particulates not otherwise classified (PNOC))
British Columbia	10 mg/m <sup>3</sup> TWA (including nuisance dusts ) total dust ; 3 mg/m <sup>3</sup> TWA (including nuisance dusts ) respirable fraction (related to Particulates not otherwise classified (PNOC))
Manitoba	10 mg/m <sup>3</sup> TWA inhalable particles, recommended ; 3 mg/m <sup>3</sup> TWA respirable particles, recommended (related to Particulates not otherwise classified (PNOC))
New Brunswick	3 mg/m <sup>3</sup> TWA particulate matter containing no Asbestos and <1% Crystalline silica, respirable fraction ; 10 mg/m <sup>3</sup> TWA particulate matter containing no Asbestos and <1% Crystalline silica, inhalable fraction (related to Particulates not otherwise classified (PNOC))
Northwest Territories	10 mg/m <sup>3</sup> TWA (insoluble or poorly soluble ) inhalable fraction ; 3 mg/m <sup>3</sup> TWA (insoluble or poorly soluble ) respirable fraction (related to Particulates not otherwise classified (PNOC))
	20 mg/m <sup>3</sup> STEL (insoluble or poorly soluble ) inhalable fraction ; 6 mg/m <sup>3</sup> STEL (insoluble or poorly soluble ) respirable fraction (related to Particulates not otherwise classified (PNOC))
Nova Scotia	10 mg/m <sup>3</sup> TWA inhalable particles, recommended ; 3 mg/m <sup>3</sup> TWA respirable particles, recommended (related to Particulates not otherwise classified (PNOC))
Nunavut	10 mg/m <sup>3</sup> TWA (insoluble or poorly soluble ) inhalable fraction ; 3 mg/m <sup>3</sup> TWA (insoluble or poorly soluble ) respirable fraction (related to Particulates not otherwise classified (PNOC))
	20 mg/m <sup>3</sup> STEL (insoluble or poorly soluble ) inhalable fraction ; 6 mg/m <sup>3</sup> STEL (insoluble or poorly soluble ) respirable fraction (related to Particulates not otherwise classified (PNOC))
Ontario	10 mg/m <sup>3</sup> TWA inhalable ; 3 mg/m <sup>3</sup> TWA respirable (related to Particulates not otherwise classified (PNOC))
Prince Edward Island	10 mg/m <sup>3</sup> TWA inhalable particles, recommended ; 3 mg/m <sup>3</sup> TWA respirable particles, recommended (related to Particulates not otherwise classified (PNOC))
Quebec	10 mg/m <sup>3</sup> TWAEV (including dust, inert or nuisance particulates ;containing no Asbestos and <1% Crystalline silica ) total dust (related to Particulates not otherwise classified (PNOC))

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Saskatchewan	10 mg/m3 TWA (insoluble or poorly soluble ) inhalable fraction ; 3 mg/m3 TWA (insoluble or poorly soluble ) respirable fraction (related to Particulates not otherwise classified (PNOC))
	20 mg/m3 STEL (insoluble or poorly soluble ) inhalable fraction ; 6 mg/m3 STEL (insoluble or poorly soluble ) respirable fraction (related to Particulates not otherwise classified (PNOC))
ACGIH:	10 mg/m3 TWA inhalable particles, recommended ; 3 mg/m3 TWA respirable particles, recommended (related to Particulates not otherwise classified (PNOC))
OSHA (US):	15 mg/m3 TWA total dust ; 5 mg/m3 TWA respirable fraction (related to Particulates not otherwise classified (PNOC))
	15 mppcf TWA respirable fraction ; 5 mg/m3 TWA respirable fraction ; 50 mppcf TWA total dust ; 15 mg/m3 TWA total dust (related to Particulates not otherwise classified (PNOC))

### ACGIH - Threshold Limit Values - Biological Exposure Indices (BEI)

There are no biological limit values for any of this product's components.

### 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. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment).

### Individual Protection Measures, such as Personal Protective Equipment

#### Eye/face protection

Wear safety glasses. Additional protection like goggles, face shields, or respirators may be needed dependent upon anticipated use and concentrations of mists or vapors. Eye wash fountain and emergency showers are recommended. Contact lens use is not recommended.

#### Respiratory Protection

A respiratory protection program which meets USA's OSHA General Industry Standard 29 CFR 1910.134 or Canada's CSA Standard Z94.4-M1982 requirements must be followed whenever workplace conditions warrant a respirator's use. Consult a qualified Industrial Hygienist or Safety Professional for respirator selection guidance.

#### Glove Recommendations/Skin Protection

Wear appropriate chemical resistant gloves.

#### Protective Materials

Personal protective equipment should be selected based upon the conditions under which this material is used. A hazard assessment of the work area for PPE requirements should be conducted by a qualified professional pursuant to regulatory requirements. The following PPE should be considered the minimum required: Gloves, Safety glasses, and Lab coat or apron.

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## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Free-flowing granules.	<b>Physical State</b>	Solid
<b>Odor</b>	Odorless	<b>Color</b>	Tan.
<b>Odor Threshold</b>	Not available	<b>pH</b>	Not available
<b>Melting Point</b>	1200 - 1300 °C (2200 - 2400 °F)	<b>Boiling Point</b>	Not available
<b>Boiling Point Range</b>	Not available	<b>Freezing point</b>	Not available
<b>Evaporation Rate</b>	Not available	<b>Flammability (solid, gas)</b>	Not available
<b>Autoignition Temperature</b>	Not available	<b>Flash Point</b>	198 °C (388 °F Clean product )
<b>Lower Explosive Limit</b>	Not available	<b>Decomposition temperature</b>	Not available
<b>Upper Explosive Limit</b>	Not available	<b>Vapor Pressure</b>	Not available
<b>Vapor Density (air=1)</b>	Not available	<b>Specific Gravity (water=1)</b>	1.3 (bulk specific gravity Water = 1 )
<b>Water Solubility</b>	(Slightly soluble )	<b>Partition coefficient: n-octanol/water</b>	Not available
<b>Viscosity</b>	Not available	<b>Kinematic viscosity</b>	Not available
<b>Solubility (Other)</b>	Not available	<b>Density</b>	11 lb/gal (US )
<b>Volatile Organic Compounds (As Regulated)</b>	0 WT%; 0 LB/US gal; 0 g/L As per 40 CFR 51.100(s)		

## Section 10 - STABILITY AND REACTIVITY

### Reactivity

No reactivity hazard is expected.

### Chemical Stability

Stable at normal temperatures and pressure.

### Possibility of Hazardous Reactions

Will not polymerize.

### Conditions to Avoid

Avoid generation of dusts. Avoid heat, flames, sparks and other sources of ignition Avoid contact with incompatible materials.

### Incompatible Materials

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

### Hazardous decomposition products

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

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## Section 11 - TOXICOLOGICAL INFORMATION

### Information on Likely Routes of Exposure

#### Inhalation

May cause respiratory tract irritation.

#### Skin Contact

May cause irritation.

#### Eye Contact

Causes eye irritation.

#### Ingestion

No information on significant adverse effects.

### Acute and Chronic Toxicity

#### Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and no selected endpoints have been identified.

### Product Toxicity Data

#### Acute Toxicity Estimate

No data available.

#### Immediate Effects

Eye irritation, respiratory tract irritation

#### Delayed Effects

No information on significant adverse effects.

#### Irritation/Corrosivity Data

Eye irritation and respiratory tract irritation.

#### Respiratory Sensitization

No information available for the product.

#### Dermal Sensitization

No information available for the product.

#### Component Carcinogenicity

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

#### Germ Cell Mutagenicity

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

#### Tumorigenic Data

No data available

#### Reproductive Toxicity

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

#### Specific Target Organ Toxicity - Single Exposure

Respiratory system

#### Specific Target Organ Toxicity - Repeated Exposure

No information on significant adverse effects.

#### Aspiration hazard

No data available.

#### Medical Conditions Aggravated by Exposure

Skin disorders, eye disorders, respiratory disorders

## Section 12 - ECOLOGICAL INFORMATION

### Component Analysis - Aquatic Toxicity

No LOLI ecotoxicity data are available for this product's components.

### Invertebrate Toxicity

No additional information is available.

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## Persistence and Degradability

No information available for the product.

## Bioaccumulative Potential

No information available for the product.

## Mobility

No information available for the product.

## Other Toxicity

No information available for product.

## Section 13 - DISPOSAL CONSIDERATIONS

### Disposal Methods

Not regulated. Processing, use, or contamination by the user may change the waste code(s) applicable to the disposal of this product.

Dispose of in accordance with all applicable federal, state 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.

## Section 14 - TRANSPORT INFORMATION

### US DOT Information:

UN/NA #: Not regulated as hazardous material for transport.

### IATA Information:

UN#: Not regulated as dangerous goods for transport.

### IMDG Information:

UN#: Not regulated as hazardous material for transport.

### TDG Information:

UN#: Not regulated as hazardous material for transport.

### International Bulk Chemical Code

This material does not contain any chemicals required by the IBC Code to be identified as dangerous chemicals in bulk.

## Section 15 - REGULATORY INFORMATION

### Federal Regulations

#### 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 311/312 Hazardous Categories

**Acute Health:** Yes **Chronic Health:** No **Fire:** No **Pressure:** No **Reactive:** No

#### 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.



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## TSCA Inventory

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.

## 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).

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.

## Canada Regulations

### CEPA - Priority Substances List

None of this product's components are on the list.

### Ozone Depleting Substances

None of this product's components are on the list.

### Council of Ministers of the Environment - Soil Quality Guidelines

None of this product's components are on the list.

### Council of Ministers of the Environment - Water Quality Guidelines

None of this product's components are on the list.

## Section 16 - OTHER INFORMATION

### NFPA Ratings

Health: 0 Fire: 2 Instability: 0

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

### Summary of Changes

Regulatory review and update.

### Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CA/MA/MN/NJ/PA - California/Massachusetts/Minnesota/New Jersey/Pennsylvania\*; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CFR - Code of Federal Regulations (US); CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EC - European Commission; EEC - European Economic Community; EIN - European Inventory of (Existing Commercial Chemical Substances); EINECS - European Inventory of Existing Commercial Chemical Substances; ENCS - Japan Existing and New Chemical Substance Inventory; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; F - Background (for Venezuela Biological Exposure Indices); IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; ISHL - Japan Industrial Safety and Health Law; IUCLID - International Uniform Chemical Information Database; JP - Japan; Kow - Octanol/water partition coefficient; KR KECI Annex 1 - Korea Existing Chemicals Inventory (KECI) / Korea Existing Chemicals List (KECL); KR KECI Annex 2 - Korea Existing Chemicals Inventory (KECI) / Korea Existing Chemicals List (KECL) , KR - Korea; LD50/LC50 - Lethal Dose/ Lethal Concentration; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; MX - Mexico; Ne-Non-specific; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety

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and Health; NJTSR - New Jersey Trade Secret Registry; Nq - Non-quantitative; NSL – Non-Domestic Substance List (Canada); NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PEL- Permissible Exposure Limit; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; Sc - Semi-quantitative; STEL - Short-term Exposure Limit; TCCA – Korea Toxic Chemicals Control Act; TDG - Transportation of Dangerous Goods; TLV - Threshold Limit Value; TSCA - Toxic Substances Control Act; TW – Taiwan; TWA - Time Weighted Average; UEL - Upper Explosive Limit; UN/NA - United Nations /North American; US - United States; VLE - Exposure Limit Value (Mexico); VN (Draft) - Vietnam (Draft); WHMIS - Workplace Hazardous Materials Information System (Canada).

### **Other Information**

#### **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, of 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 supplied to the user.