

SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Hypo-Sorb Absorb-Up

RECOMMENDED USE: Powder Absorbent to Clean-Up and Deodorize Body Fluid Spills

RESTRICTIONS ON USE: None Known

MANUFACTURER:

H&S Manufacturing Company

727 East Broadway

Williston, ND 58801

TELEPHONE: (701) 572-5400 (Monday-Thursday 8:00 a.m. CST - 5:00 p.m. CST)

(Friday 8:00 a.m. CST - 12:00 p.m. CST)

EMERGENCY TELEPHONE NUMBER: (701) 572-5400 (Monday-Thursday 8:00 a.m. CST - 5:00 p.m. CST)

(Friday 8:00 a.m. CST - 12:00 p.m. CST)

ITEM NUMBER: HC-722; HC-606; HC-125

SDS DATE OF PREPARATION: January 15, 2016

SECTION 2: HAZARDS IDENTIFICATION

GENERAL: Contains small amounts of chemicals that are hazardous to health and the environment, but in quantities too small to constitute any practical risks to health or the environment.

CLASSIFICATION: Acute Toxicity Oral 4
Skin Sensitization 1
Carcinogen Category 1A
Specific Target Organ Toxicity, Repeated Exposure Category 1

HAZARD PHRASES: Harmful if swallowed
May cause an allergic skin reaction
May cause eye, skin and respiratory tract irritation
May cause cancer by inhalation
Causes damage to lungs through prolonged or repeated exposure



PRECAUTIONARY PHRASES: Keep out of reach of children
Wear suitable gloves
Wash hands thoroughly after handling
If swallowed, call a physician
If on skin wash with plenty of water
If rash occurs, get medical attention
Dispose of contents to an approved waste disposal plant

SECTION 3: INGREDIENT INFORMATION

<u>Ingredient Identification</u>	<u>Approximate Concentration</u>	<u>C.A.S. Numbers</u>
Diatomaceous Earth, Flux-Calcined (kieselguhr)	70-82%	68855-54-9
(contains 35-50% Crystalline Silica - Cristobalite)		14464-46-1
2-Propenoic acid, homopolymer, potassium salt	10-17%	25608-12-2
Calcium Hypochlorite	10-20%	7778-54-3
Sodium Chloride	0-5%	7647-14-5
Calcium Chlorate	<1%	10137-74-3
Calcium Chloride	<1%	10043-52-4
Calcium Hydroxide	<1%	1305-62-0
Calcium Carbonate	<1%	471-34-1
Water	0-4%	7732-18-5

SECTION 4: FIRST AID MEASURES

General: Remove contaminated clothing

Inhalation: Keep patient calm, remove to fresh air, blow nose to evacuate dust, seek medical attention.

Assist in breathing if necessary.

Ingestion: Immediately rinse mouth and then drink plenty of water, do not induce vomiting, seek medical attention immediately.

Skin: Wash thoroughly with soap and water. If irritation develops, seek medical attention.

Eyes: Wash affected eyes for at least 15 minutes under running water with eyelids held open. Seek medical attention.

Physician: Treat according to symptoms (decontamination, vital functions), no known specific antidote. Probable mucosal damage may contraindicate the use of gastric lavage.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media: Water only. Do not use dry extinguishers containing ammonium compounds.

Additional Information: Avoid whirling up the material/product because of the danger of dust explosion.

Protective Fire-Fighting Equip.: Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Breathing protection required, protect eyes with goggles

Environmental Precautions: Do not discharge into drains/surface waters/groundwater

Clean-up: Spills should be contained and placed in suitable containers for disposal

Further Information: Forms slippery surfaces with water. High risk of slipping due to leakage/spillage of product.

SECTION 7: HANDLING AND STORAGE

Precautions For Safe Handling: Minimize dust generation. Avoid contact with eyes. Do not breathe dust. This product is capable of dust explosion. Avoid all sources of ignition: heat, sparks, open flame.

Conditions For Safe Storage: Store in a dry place to maintain packaging integrity and product quality. Do not store near hydrofluoric acid or concentrated caustic solutions.

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Respiratory Protection: Breathing protection if dusts are formed

Hand Protection: Chemical resistant protective gloves

Eye Protection: Tightly fitting safety goggles

General Safety & Hygiene: Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is recommended. Wash soiled clothing immediately.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White powder

Odor: Chlorine-like

Odor Threshold: Not determined

Color: White

pH Value: 10.4-10.8 (1% solution in neutral, distilled water) @ 25 Deg. C

Melting Point: Estimated 60° C

Boiling Point: Not Applicable

Flash Point: Not Applicable

Evaporation Rate: Not Applicable

Flammability: Not determined/applicable

UEL: Not determined

LEL: Not determined

Vapor Pressure: Not determined/applicable

Vapor Density: Not determined/applicable

Relative Density: 2.3

Solubility in Water: Insoluble, only capable of swelling

Partition Coefficient: Not determined/applicable

Autoignition Temp: Not Applicable

Decomposition Temp: >1300° C
Physical State: Solid
Viscosity: Not Applicable
Oxidizing: Oxidizer

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Material is not reactive
Conditions to Avoid: Avoid extreme heat and naked flames
Materials to Avoid: Hydrofluoric acid and concentrated caustic solutions, atmospheric moisture, strong oxidizing agents
Stability: Material is stable
Hazardous Reactions: Material is not reactive under normal conditions of handling
Decomposition Products: None if stored and handled as prescribed. Otherwise; hydrocarbons, carbon monoxide, carbon dioxide
Decomposition Temp.: 170-180 Deg C; 338-356 Deg F

SECTION 11: TOXICOLOGICAL INFORMATION

Potential Health Effects

Likely Routes of Exposure

Eye	<u>See below</u> May cause irritation (tear formation and redness) if dust gets in eyes Corrosive to eyes.
Skin	Not absorbed by the skin, but may cause dryness if prolonged exposure
Ingestion	Ingestion of small quantities is not considered harmful, but may cause irritation of the mouth, throat and stomach
Inhalation	Acute inhalation can cause dryness of the nasal passage and lung congestion, coughing and general throat irritation. Acute inhalation of high concentrations of respirable crystalline silica may cause acute silicosis.
Chronic Effects	This product contains crystalline silica. Respirable crystalline silica may cause lung cancer and lung disease (silicosis) if inhaled for prolonged periods. Symptoms of silicosis include wheezing, cough and shortness of breath.
Carcinogenicity	Flux-calcined diatomaceous earth (Kieselguhr) is composed of amorphous and crystalline silica. Respirable crystalline silica (cristobalite) is classified by IARC and NTP as a known human carcinogen. Crystalline silica is only known to cause cancer when inhaled in a respirable form. It is not known to cause cancer by any other route of exposure.
NTP/IARC	Respirable crystalline silica (cristobalite) is classified as a known human carcinogen.
Acute Toxicity	This product is corrosive to all tissues contacted and upon inhalation, may cause irritation to mucous membranes and respiratory tract. The dry material is irritating to the skin. However when wet, it will produce burns to the skin.
Corrosiveness, Sensitization	Corrosive to eyes.
Reproductive Toxicity	Not available
Teratogenicity, Mutagenicity	Not available

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: This product can be toxic to fish and aquatic invertebrates
Persistence and Degradability: Non-biodegradable, inert
Bioaccumulative Potential: Little potential for bioaccumulation
Mobility in Soil: No mobility
Other Adverse Effects: Do not release untreated into natural waters. The ecotoxic effect of the product has not been tested.

Dispose of in accordance with Local Authority requirements.

Basic Shipping Information:

Additional Information:

SECTION 15: REGULATORY INFORMATION

U.S. Federal:

TSCA

Diatomaceous Earth and Cristobalite appear on the EPA TSCA inventory list.

CERCLA

This is an EPA registered pesticide EPA #1258-427.

Diatomaceous Earth is not classified as a hazardous substance under regulations of the Comprehensive Environmental Response Compensation and Liability Act (CERCLA), 40 CFR 302.

SARA TITLE III

Not Listed

California Proposition 65:

This product contains crystalline silica, a chemical known to the State of California to cause cancer.

INTERNATIONAL .

WHMIS Classification

Class D-2-A

SECTION 16: OTHER INFORMATION

NFPA		4-Extreme 3-High 2-Moderate 1-Slight 0-Insignificant

HMIS	1* Health
	0 Flammability
	0 Reactivity
	E Protective Equipment