

Safety Data Sheet



Date: 10/05/2018
(Preparation Date)

Complies with 91/155/EEC, 1907/2006 (REACH) and amendments, OSHA's Hazard Communication Standard, 29 CFR 1910.1200; and the requirements of the U.S. Department of Labor Occupational Safety & Health Administration.

Regulatory Status:

This preparation is not classified as hazardous under U.S. OSHA 29 CFR 1910.1200; E.C. Directive 1999/45/EC; Canadian R.S. 1985, c. H-3; U.K. CHIP 2002 No. 1689; and/or U.N. GHS ST/SG/AC 10/30.

None of the components present in this preparation at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: OSHAkits.com Absorbent **SERIES NAME:** N/A

DESCRIPTION: Dry, white, granular, odorless powder blend

PRODUCT #:

PRODUCT USE: Solidification of bodily fluid spills and other liquid spills other than hydrofluoric acid and highly alkaline liquids

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SECTION 2: HAZARDS IDENTIFICATION

According to OSHA 29 CFR 1910.1200 HCS:

2.1 Classification of the substance or mixture

No applicable GHS categories

2.2 Label elements & Hazard Symbols

No label element(s) require statements; No symbols/pictograms required

2.3 Other hazards

This product is not considered hazardous under the U.S. OSHA 29 CFR 1910.1200 Hazard Communication Standard.

Interactions with Other Chemicals: Hazardous decomposition: Reacts with Hydrofluoric Acid to form toxic silicon tetra fluoride gas.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

CAS #	Component	Percent
9003-04-7	Acrylic Acid Polymer, Sodium Salt	> 25%
93763-70-3	Amorphous Alumina Silicate	> 60%
144-55-8	Sodium Bicarbonate + trade secret	< 2%

Component Information / Information on Non-Hazardous Components

The components of this product are not regulated as hazardous under 29 CFR and 49 CFR. See Sections 8, 11, 14, and 15 for further regulatory information.

SECTION 4: FIRST AID MEASURES

Primary routes of entry: Eye and skin contact; ingestion; inhalation & skin absorption.

Medical condition Aggravated by Exposure: Eyes/skin hypersensitivity

EYES: Immediately flush with plenty of water for 15 minutes. Get medical attention if irritation persists.

SKIN: Skin irritation is unlikely. Remove absorbent dust blend from skin using soap and water. Seek medical attention if irritation persists.

INGESTION: Rinse mouth with water. Do not induce vomiting. If large amounts are swallowed, or if adverse symptoms appear, seek medical attention.

INHALATION: Respiratory irritation is unlikely. If inhaled, move to source of fresh air. Seek medical attention if symptoms persist.

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SECTION 5: FIRE-FIGHTING MEASURES

GENERAL INFORMATION: No recognized fire hazards associated with the finished product. Use extinguishing measures that are appropriate to local circumstances.

FLASH POINT: NA

AUTOIGNITION TEMPERATURE: NA

HAZARD CLASSIFICATION: None

HEALTH: ☐ 1 **FLAMMABILITY:** ☐ 0 **REACTIVITY:** ☐ 0 SPECIAL ☐

EXTINGUISHING MEDIA: Dry chemical foam, carbon dioxide, and water fog.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear full protective clothing including self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

HAZARDOUS DECOMPOSITION PRODUCTS: Temperatures above 200°C. Thermal decomposition can give toxic products, organic derivatives, and carbon monoxide.
Reacts with Hydrofluoric Acid to form toxic silicon tetra fluoride gas.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions Put on appropriate personal protective equipment. Refer to protective measures in Sections 7 and 8.

Spill and Leak Procedures Sweep or vacuum material when possible and shovel into a waste container. Residuals may be flushed with water into the drain for normal wastewater treatment. Dispose as for any inert, non-carcinogenic solid waste. This is a non-hazardous waste suitable for disposal in an approved solid waste landfill.

Environmental Precautions Material is not harmful to the environment.

SECTION 7: HANDLING & STORAGE

HANDLING & STORAGE: Handle in accordance with good industrial hygiene and safety practice. Handle as an eye and respiratory tract irritant. Store in a dry, closed container.

OTHER PRECAUTIONS: Incompatible materials: Hydrofluoric Acid

SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1 Exposure Guidelines

The exposure limits for nuisance dust are: OSHA PEL: 15 mg/m³ (50 mppcf*) TWA, ACGIH 10 mg/m³.

CAS No.	Ingredient	Source	Value
9003-04-7	Acrylic Acid Polymer, Sodium Salt	OSHA, ACGIH, NIOSH, Supplier	No established limit
93763-70-3	Amorphous Alumina Silicate	OSHA, ACGIH, NIOSH, Supplier	No established limit
144-55-8	Sodium Bicarbonate + trade secret	OSHA, ACGIH, NIOSH, Supplier	No established limit

Carcinogen Data

Chemicals by CAS No.	Source	Value
9003-04-7	OSHA	Select Carcinogen: No
144-55-8	NTP	Known: No; Suspected: No
93763-70-3	IARC	Group 1:No; Group 2a:No; Group 2b:No; Group 3:No; Group 4:No

Other Exposure Guidelines

This product is not regulated as a hazardous material. However, the manufacturer recognizes the potential for respiratory tract irritation as a nuisance dust, and therefore recommends an eight-hour exposure limit of 0.05 mg/m³. Provide local exhaust ventilation to maintain worker exposure to less than 0.05 mg/m³.

8.2 PERSONAL PROTECTIVE EQUIPMENT

Eyes/Face

Wear safety glasses with side shields or goggles when handling product in the manufacturing environment. Safety glasses/goggles usually not necessary for occasional handling/usage.

Skin

Use impervious gloves when handling the product in the manufacturing environment. Follow stated guidelines from manufacturer for all other uses.

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Respiratory

None for general use. Wear respirator with a high efficiency filter if particulate concentration in the work area exceeds 0.05 mg/m³ over an eight hour time period.

General

Obey reasonable safety precautions and practice good housekeeping. Remove material after absorption has taken place. Wash thoroughly after handling.

SECTION 9: PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance	Dry White Granular Powder
Odor	None
Physical State	Solid
Specific Gravity (Bulk Density)	0.08 – 0.74 g/ml
Melting Point	> 330 °C
Solubility in Water	Swells in water
Auto-Ignition Temperature	> 400 °C
pH	6 – 8

SECTION 10: STABILITY AND REACTIVITY

STABILITY: This material is chemically stable under normal and anticipated storage and handling conditions.

CONDITIONS TO AVOID: Store protected from moisture. Keep away from heat and sources of ignition.

INCOMPATIBILITY (MATERIAL TO AVOID): Hydrofluoric Acid. Material reacts to form toxic silicon tetra fluoride gas.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Decomposition above 200°C. Thermal decomposition can give toxic byproducts, organic vapors, and carbon monoxide. Material reacts with Hydrofluoric Acid to form toxic silicon tetra fluoride gas.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity: Product is non-toxic

INHALATION: Inhalation of the product may cause irritation to the nose, throat, and respiratory tract

SKIN CORROSION/IRRITATION: No known hazard

EYE DAMAGE/IRRITATION: Eye contact may cause abrasive irritation to eyes

GERM CELL MUTAGENICITY: Product does not classify under this category

CARCINOGENICITY: Product is not carcinogenic and does not classify under this category

REPRODUCTION TOXICITY: Product does not classify under this category

STOT-SINGLE EXPOSURE: Product does not classify under this category

STOT-REPEATED EXPOSURE: Product does not classify under this category

ASPIRATION HAZARD: Product does not classify under this category

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: None known

AQUATIC TOXICITY: None known

TERRESTRIAL: No data available

PERSISTENCE AND DEGRADABILITY: Material is non-biodegradable

BIOACCUMULATIVE POTENTIAL: No data available

MOBILITY IN SOIL: No data available

OTHER ADVERSE EFFECTS: None known

Environmental Fate:

Absorbent blend is relatively inert in aerobic and anaerobic conditions. They are immobile in landfills and soil systems (> 90% retention), with the mobile fraction showing biodegradability. They are also compatible with incineration of municipal solid waste. Incidental down-the-drain disposal of small quantities of the absorbent will not affect the performance of wastewater treatment systems.

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SECTION 13: DISPOSAL CONSIDERATIONS

General Product Information

This product is a non-hazardous waste material suitable for approved solid waste landfills.

Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions

Dispose of in accordance with Local, State, and Federal Regulations. Take the precautionary disposal measures governing the absorbed substance itself.

SECTION 14: TRANSPORTATION INFORMATION

International Transportation Regulations:

This product is not a hazardous material and is not regulated by the Department of Transportation.

SECTION 15: REGULATORY INFORMATION

General Product Information

This product is not federally regulated as a hazardous material.

Clean Air Act

No information is available.

Component Analysis

No information available.

Food and Drug Administration

No information available.

Component Analysis – Inventories

TSCA (USA)

Conforms, not listed

EINECS (EC)

Conforms

ENCS (Japan)

Conforms

CEPA (Canada)

All substances listed under the DSL or not required

WHMIS (Canada)

Not a controlled product under this directive

Proposition 65 - Carcinogens (>0.0%):	Crystalline Silica - Quartz To the best of our knowledge, there are no chemicals at levels which require reporting under these statutes.
EPCRA 311/312 Chemicals and RQs	
EPCRA 302 Extremely Hazardous	
EPCRA 313 Toxic Chemicals	
Proposition 65 - Developmental Toxins (>0.0%):	
Proposition 65 - Female Repro Toxins (>0.0%):	
Proposition 65 - Male Repro Toxins (>0.0%):	
N.J. RTK Substances (>1%):	
Penn RTK Substances (>1%):	

SECTION 16: OTHER INFORMATION

DISCLAIMER: The information provided in this Safety Data Sheet has been compiled, in good faith, from our experience and data presented in various technical publications. A SDS for a substance is not primarily intended for use by the general consumer, focusing instead on the hazards of working with the material in an occupational setting. It is believed to be accurate and represents the best information currently available. HOWEVER, NORTHFIELD MEDICAL MANUFACTURING MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER TYPE, EXPRESSED OR IMPLIED, WITH RESPECT TO PRODUCTS DESCRIBED OR DATA OR INFORMATION PROVIDED, AND WE ASSUME NO LIABILITY RESULTING FROM THE USE OF SUCH PRODUCTS, DATA OR INFORMATION. Users should make their own investigations to determine the suitability of the information for their particular purposes, and the user assumes all risk arising from their use of the material. The user is required to comply with all laws and regulations relating to the purchase, use, storage and disposal of the material, and must be familiar with and follow generally accepted safe handling procedures. In no event shall Northfield Medical Manufacturing be liable for any claims, losses, or damages of any individual or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Northfield Medical Manufacturing has been advised of the possibility of such damages. We reserve the right to update SDS sheets from time to time as new information becomes available. It is the responsibility of the user to verify that they have the latest revision available.

Manufactured By/Contact Source for Additional Information

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