SpillTech
Smart Spill Solutions™

Safety Data Sheet

1. Product and Company Identification

Product Identifier: AcidSafe Dry Acid Neutralizing Sorbent

General Use: Sorbent changes color to tell you when absorbed acids have been neutralized and are safe to clean up.

Product Description: Loose powder

Specific Product Identifiers: *(includes but not limited to)* ANS1, ANS12, ANS5

COMPANY PROFILE:
SpillTech
Brookley Aeroplex
Mobile, AL 36615

TELEPHONE NUMBERS:
Emergency: (770) 929-6609
Technical Information: 1 (800) 228-3877
www.spilltech.com

2. Hazards Identification

Potential Health Effects: See Section 11 for more information

GHS Classification:
Serious eye damage (Category 2A)

GHS Labeling

Symbol:



Signal Word: Warning

Hazard Statements: Causes serious eye irritation.
HNOC: Do not use on hydrofluoric acid (hf) or compounds containing (hf)
Contact with (hf) will produce highly toxic silicon tetrafluoride gas.

Precautionary Statements:
Prevention:
Wash hands thoroughly after handling.
Wear eye protection/face protection.

Response:
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.

This product does not contain carcinogens or potential carcinogens as listed by OSHA, IARC, or NTP.

This material contains components that are considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Potential Environmental Effects: See Section 12 for more information.

3. Composition / Information on Ingredients

CAS: 497-19-8	Sodium Carbonate	+/- 40%
CAS: none assigned	Amorphous Mineral Silicate	

4. First Aid Measures

Emergency first aid procedures by route of exposure:

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Skin: Wash off with soap and plenty of water. Consult a physician if needed.
Eyes: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician

5. Fire Fighting Measures

Flash Point: Not Available
Auto-ignition Temperature: Not Available
Flammable Limits: Not Available
Suitable Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Note: This material is non-combustible as supplied
Special Fire Fighting Procedures: Wear self-contained breathing apparatus for fire-fighting if necessary.
Products of Combustion: Hazardous decomposition products formed under fire conditions – oxides of phosphorus, sodium oxides, and Carbon oxides. Note: Product as supplied is non-combustible

6. Accidental Release Measures

Personal Protection: For large spills wear gloves, Tyvek suits, safety glasses, and appropriate NIOSH approved respiratory protection. Keep unnecessary personnel away.
Environmental Precautions: Prevent discharge to open bodies of water, municipal sewers, and watercourses.
Method for Containment: Gently sweep up to avoid creating dust. Dry material should be collected for reuse.
Methods for Clean-up: Sweep or scrape up and containerize in approved chemical waste container.

7. Handling and Storage

Handling: Avoid contact with skin and eyes. Avoid formation of dust
Storage: Keep container in a cool, dry well-ventilated area. Keep container tightly closed and sealed until ready for use. Reaction with certain food products and their residues containing reducing sugars can create carbon dioxide gases.

8. Exposure Controls / Personal Protection

Engineering Controls: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protective Equipment (PPE)
Respiratory Protection: Wear appropriate respirator when ventilation is inadequate.
Eye/Face Protection: Safety glasses with side shields are recommended as minimum protection in industrial settings.
Hand Protection: Handle with gloves.
Body: Avoid skin contact. If product comes in contact with clothing, immediately remove clothing, dust off with a dry towel then wash with lots of soap & water.
Other Protective Equipment: Facilities storing or utilizing this material should be equipped with eyewash and safety shower facilities.

9. Physical and Chemical Properties

Appearance: State Granular
Color: Dark Purple
Odor: odorless
pH (as is): 11.4
Vapor Density: Not Available
Boiling Range: Not Available
Vapor Pressure: Not Available
Melting Point: 1564° F

Freezing Point: Not Available
Flash Point: Not Available
Flammability Properties: Not Available
Solubility (in water): Moderate
Specific Gravity: 2.53
Evaporation Rate: Not Available
Auto-ignition temperature: Not Available
Decomposition temperature: Not Available

10 Stability and Reactivity

Stability: This material is considered stable at ambient temperatures 70ºC (21ºC).
Stable: Yes
Condition to Avoid: None Known
Incompatible Materials: (hf) hydrofluoric acid, Aluminum Powder, Fluorine, Lithium. Reaction with certain food products and their residues containing reducing sugars can create carbon dioxide gases.
Hazardous Decomposition: Upon decomposition products formed under fire conditions – Sodium oxide and carbon dioxide gases.
Hazardous Reactions: This product will not undergo polymerization.

11 Toxicological Information

Sodium Carbonate (CAS 497-19-8)
Carcinogenic Effects: A4 - Not classifiable for human or animal by ACGIH, IARC, or OSHA.
Mutagenic Effects: Not Available
Teratogenic Effects: Not Available
Developmental Toxicity: Not Available
Target Organs:

Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.
Ingestion: May be harmful if swallowed.
Skin: May be harmful if absorbed through skin. Causes skin irritation.
Eyes: Causes eye irritation.

12 Ecological Information

Ecotoxicity:

Sodium Carbonate (CAS 497-19-8)
LC50 – Lepomis macrochirus (Bluegill) – 300 mg/l – 96h
EC50 – Daphnia magna (Water flea) – 265 mg/l – 48 h

13 Waste Disposal Considerations

Product as supplied is considered to be non-hazardous as defined by RCRA (40 CFR 261). Once used consideration should be given to the liquid it was used on. Dispose of in accordance with local, state, and federal regulations.

14 Transportation Information

Not regulated as a dangerous good by DOT

15 Regulatory Information

TSCA Inventory: This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.

SARA 302/304: The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires facilities subject to Subparts 302 and 304 to submit emergency planning and notification information based on Threshold Planning Quantities (TPQs) and Reportable Quantities (RQs) for "Extremely Hazardous Substances" listed in 40 CFR 302.4 and 40 CFR 355. Not listed

CERCLA: The Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires notification of the National Response Center concerning release of quantities of "hazardous substances" equal to or greater than the reportable quantities (RQ's) listed in 40 CFR 302.4. As defined by CERCLA, the term "hazardous substance" does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically designated in 40 CFR 302.4. Chemical substances present in this product or refinery stream that may be subject to this statute are: Not listed

(Section Continues on Pg. 5)

15 Regulatory Information (cont.)

SARA 311/312 Hazard: The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires facilities subject to this subpart to submit aggregate information on chemicals by "Hazard Category" as defined in 40 CFR 370.2. This material would be classified under the following hazard categories: Acute Health Hazard

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm

16 Other Information

Disclaimer:
The information and recommendations contained in the Material Safety Data Sheet (MSDS) are supplied pursuant to 29 CFR 1910.1200 of the Occupational Safety and Health Standards Hazard Communication Rule. The information and recommendations set forth herein are presented in good faith and believed to be correct as of this date hereof.

SpillTech, however, makes no representation as to the completeness or accuracy thereof, and information is supplied upon the express condition that the persons receiving the information will be required to make their own determination as to its suitability for their purposes prior to use. In no event will SpillTech be responsible for any damages of any nature whatsoever resulting from the use of, reliance upon, or the misuse of this information. User assumes all risk of use, storage and handling of the product in compliance with applicable federal, state and local laws and regulations.

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The information as supplied herein is simply to be informative and intended solely to alert the user of the substance which is the subject matter of this MSDS. The ultimate compliance with federal, state or local regulations concerning the use of this compound, or compliance with respect to product liability, rests solely upon the purchaser thereof.

This information relates to the material designated and may not be valid for such material used in combination with any other materials nor in any process.

Approved by: Robin Thornett, Marketing Manager, SpillTech
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