

SAFETY DATA SHEET AN20 THROUGH AN3220

SECTION 1: IDENTIFICATION

Product Name: AcidSafe Dry Acid Neutralizing Sorbent

Product Code(s): AN20 through AN3220

SDS Date: May 15, 2015

General Information:

WYK Sorbents, LLC • 11721 Lackland Road • St. Louis, MO 63146
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SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

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.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component	Sodium Carbonate	Amorphous Mineral Silicate
CAS Reg. No	CAS-#497-19-8	CAS-none assigned
Amount %	+/-40%	N/A
OSHA	TWA	Not Available
	STEL	Not Available
ACGIH	TWA	Not Available
	STEL	Not Available

SECTION 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 and 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.

SECTION 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.

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, Carbon oxides.

Note: Product as supplied is non-combustible

SECTION 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.

SECTION 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.

SECTION 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.

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SECTION 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

SECTION 10: STABILITY AND REACTIVITY

Stability: This material is considered stable at ambient temperatures 70°C (21°C).

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

SECTION 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.

SECTION 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

SECTION 13: 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.

SECTION 14: TRANSPORTATION INFORMATION

Not regulated as a dangerous good by DOT.

SECTION 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.**

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.

SECTION 16: OTHER SUPPLEMENTAL INFORMATION

Disclaimer: Prepared by WYK Sorbents, LLC on January 5, 2015

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.

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