

MATERIAL SAFETY DATA SHEET

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SECTION I - MATERIAL IDENTIFICATION

CHEMICAL NAME Sodium Carbonate/Amorphous Mineral Silicate **TRADE NAME** *AcidSafe Acid Neutralizing*
& SYNONYMS: **& SYNONYMS:** *Sorbent - Applies to all "A" series products (i.e.; ANxxxx, ASxxxx)*
CHEMICAL FAMILY: Sodium/Alumino-Silicate

SECTION II - INGREDIENTS AND HAZARDS

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|----------------------------|-------|------------|----------|
| Sodium Carbonate | < 54% | C.A.S. No. | 497-19-8 |
| Alizarin | < 5% | C.A.S. No. | 72-48-0 |
| Amorphous Mineral Silicate | < 40% | | N/A |

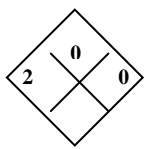
SECTION III - PHYSICAL DATA

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|------------------------------------|----------------------|------------------------------------|-------|
| Boiling point (750 mm hg): | N/A | Specific gravity (H2O = 1): | 2.4 |
| Vapor pressure at (mm HG.): | N/A | Evap. Rate: | N/A |
| Vapor density (Air = 1): | N/A | Volatiles, % by Volume: | N/A |
| Water Solubility: | ~25 g/100 ml | Melting Point: | 851°C |
| Appearance & Odor: | Pink Powder/Odorless | pH: | 11.5 |

SECTION IV - FIRE AND EXPLOSION DATA

N.F.P.A. HAZARD INFORMATION LABEL

Flash Point: Non-Flammable **Autoignition Temp:** N/A
Flammability Limits In Air: LOWER = N/A / UPPER = N/A
Extinguishing media: Any Available medium, non-flammable as supplied
Special fire fighting procedures: N/A
Unusual fire and explosion hazards: N/A

| | |
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| Hazard Code 4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Negligible | FLAMMABILITY HEALTH  REACTIVITY SPECIAL |
|--|--|

SECTION V - HEALTH HAZARD INFORMATION

TLV: N/A

Signs/Symptoms of exposure: Irritation effects
Medical conditions which may be aggravated by contact: None known
Target organs: N/A
Primary entry route(s): Inhalation: Yes Skin: Yes Ingestion: No
Acute & chronic effects: Risk of serious eye damage. Can cause severe skin irritation.
Carcinogenicity: NTP: No IARC Monographs: No OSHA regulated: No

SECTION V: - HEALTH HAZARD INFORMATION - Continued**EFFECTS OF OVEREXPOSURE****FIRST AID:** **Eye contact:** Flush eyes with water. Seek medical attention if necessary.**Skin Contact:** Remove with soap and water.**Inhalation:** Remove to fresh air. If needed, seek medical assistance.**Ingestion:** If swallowed, wash out mouth with water. Seek medical attention.**SECTION VI - REACTIVITY DATA**

Material is stable. Hazardous polymerization will not occur.

Chemical Incompatibility (Materials to Avoid): Hydrofluoric Acid (HF) & Strong Oxidizers**Hazardous Decomposition (By-Products):** None**SECTION VII - SPILL, LEAK & DISPOSAL PROCEDURES****Spills, Leaks: (steps to be taken):** Wear proper protective equipment; dry sweep; avoid dust production. Maintain good housekeeping standards and procedures.**Waste Disposal Method:** Observe all Federal, State, and Local laws concerning health and environment.**Storage & Handling Information:** Store in a dry place.**SECTION VIII - SPECIAL PROTECTION INFORMATION - (For acid spill cleanup)****Personal protective equipment:****Goggles:** Chemical splash goggles/face shield**Gloves:** Chemical Resistant**Respirator:** Use NIOSH/MSHA equivalent**Other:** Chemical splash apron or cover-alls.**Work Place Consideration:****Ventilation:** As appropriate.**Safety Station:** Yes**Contaminated equipment:** Wash down with water after dry material has been removed.**SECTION IX - TRANSPORTATION****Department of Transportation:** Non-Regulated

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Signed



Dr. Michael Stachiw

Date: January 1, 2016

MSDS AN & AS Series