MATERIAL SAFETY DATA SHEET

EMERGENCY NO.: N/A

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SECTION I - MATERIAL IDENTIFICATION

ST. LOUIS, MO 63132

SUPPLIER:

ADDRESS:

CHEMICAL NAME Sodium Carbonate/Amorphous Mineral Silicate TRADE NAME AcidSafe Acid Neutralizing

& SYNONYMS: Sorbent - Applies to all "A"

CHEMICAL FAMILY: Sodium/Alumino-Silicate series products (i.e.; ANxxxx, ASxxxx)

SECTION II - INGREDIENTS AND HAZARDS

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

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 **Melting Point:** Water Solubility: $\sim 25 \text{ g}/100 \text{ ml}$ 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

4 = Extreme

Hazard Code 4 = Extreme3 = High

2 = Moderate

1 = Slight

0 = Negligible

HEALTH

n REACTIVITY

FLAMMABILITY

Unusual fire and explosion hazards: N/A

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 irration.

Carcinogenicity: NTP: No IARC Monographs: No OSHA regulated: No

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AcidSafe - Applies to all "A" series products

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

Judgments as to the suitability of information herein for purchaser's purposes are necessarily purchaser's responsibility. Therefore, although reasonable care has been taken in the preparation of such information, UPRIGHT, INC. extends no warranties, makes no representations and assumes no responsibility as to accuracy or suitability of such information for application to purchaser's intended purposes or for the consequences of its use.

Signed			
Signed			

Jim Dunn, Managing Partner

Date: 12/29/05 MSDS No. A100-4