

MATERIAL SAFETY DATA SHEET

HIL00831

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: Floor Conditioner and Neutralizer in Water Soluble Packets; Arsenal 31
 Synonyms: HIL0083100; ST-796-HI
 Company: Hillyard Industries
 302 North Fourth Street
 St. Joseph, Missouri 64502
 Phone: 816-233-1321
 Fax: 800-861-0252

Formula ID Number: FP-10
 MSDS File Name: HILLYARD FLR COND & NEUT
 EPA Reg #: None
 DOT Hazard Class: None
 DOT Shipping Name: Compound, cleaning, NOI, powder. Item 48581, Class 55
 USDA Acceptance Date & Category Code: None

Concentrate		In Dilution		HAZARD RATING 4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant
1	Flammability	0		
2	Health	1		
0	Reactivity	0		
None	Special Hazard	None		

Emergency Contact: CHEM-TEL, 800-255-3924

Abbreviation Key: N.A.=Not Applicable, N.D.=Not Determined

SECTION 2 – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

CHEMICAL IDENTITY	CAS NO.	HAZARD	PEL(ppm)	TLV(ppm)	% (Optional)
Sodium carbonate	497-19-8	Irritant			10-20%
Citric acid	77-92-9	Irritant			>50%

SARA Section 313 Title III Notification Required: No

SECTION 3 – PHYSICAL DATA

Appearance and Odor: White granules and crystals
 Solubility in water: Complete
 Boiling Point: N.D.
 Melting Point: 153°
 Vapor Pressure (mm Hg): N.D.
 Vapor Density (Air=1): N.D.
 Evaporation Rate (Water=0.3): N.D.
 pH (Concentrate): N.D.
 pH (1% Solution): 4.4
 Specific Gravity: N.A.

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: Non-combustible, >200°F
 Extinguishing Media: N.A.
 Flammable Limits: LEL: N.A., UEL: N.A.
 Special Fire Fighting Procedures: Use full protective clothing and self-contained breathing apparatus.
 Unusual Fire & Explosion Hazards: None

SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable: Unstable:
 Hazardous Polymerization: May Occur Will Not Occur
 Conditions to Avoid: Freezing and extreme heat.
 Conditions to Avoid: None known
 Incompatibility (Materials to Avoid): Strong acids and bases.
 Hazardous Decomposition or By-Products: None known

SECTION 6 – HEALTH HAZARD DATA/FIRST AID PROCEDURES

Health Hazards (Acute and Chronic): Mildly acidic; may cause burning to eyes and respiratory passages. Possible irritant to skin over prolonged periods of exposure.
 Emergency and First Aid Procedures:
 Eyes: If contact occurs, flush with plenty of cool water for 15 minutes. Consult a physician.
 Skin: May be irritating to skin. Flush with water and wear gloves in the future to minimize exposure. Wash hands thoroughly after handling. Discontinue use if irritation persists and consult a physician.
 Signs and Symptoms of Exposure: Irritation of exposed tissues, especially eyes, skin, throat, nasal cavities, and other mucous membranes.
 Inhalation: Remove from exposure. Obtain medical attention immediately.
 Ingestion: May be harmful if swallowed. Drink large amounts of water or milk. **DO NOT** induce vomiting. Get medical attention immediately. Avoid contamination of foods.
 Medical Conditions Aggravated by Exposure: N.D.
 Carcinogenicity: IARC Monographs? Yes No
 NTP? Yes No OSHA Regulated? Yes No

NOTE TO PHYSICIAN: No specific antidote. Use supportive care. Treatment should be based on physician's judgment in response to the patient's reaction.

SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Ventilation: Local Exhaust: Recommended for control of dusts.
 Mechanical: Recommended for control of dusts.
 Steps to be Taken if Material is Spilled or Released: Sweep up for salvage or disposal. Take care to avoid contact with large amounts of dust.
 Skin Protection: Use neoprene, rubber, or other chemical resistant gloves. Wear protective clothing to prevent repeated or prolonged contact.
 Waste Disposal: Comply with all local, state and federal regulations. Consult your state DNR or the EPA for specific questions. Wastewater should never enter a fresh water body without treatment.
 Eye Protection: Avoid eye contact.
 Handling and Storage: Wear all recommended safety gear. Do not mix with other chemicals or cleaning agents. Avoid contact with dust. Avoid high humidity as it causes caking.
 Respirator Protection: In general, respirators are not needed if the product is used in a well-ventilated area.
 Other Precautions: Keep out of the reach of children.

SECTION 8 - OTHER REGULATORY INFORMATION

California Safe Drinking Water and Toxic Enforcement Act of 1986 - No chemicals listed by California are present at a level that poses a significant risk of causing cancer or reproductive toxicity.

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MSDS data relates only to the material designated and does not relate to its use with any other material or process. The data is believed to be accurate. However, since use conditions and are outside our control, Hillyard Industries makes no warranties, expressed or implied, and assumes no liability for failure to follow directions and safety precautions.