

# 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  
 NSF Certified: None

Concentrate		In Dilution		HAZARD RATING
0	Flammability	0		
1	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:   
 Conditions to Avoid: Freezing and extreme heat.  
 Incompatibility (Materials to Avoid): Strong acids and bases.

Hazardous Polymerization: May Occur  Will Not Occur   
 Conditions to Avoid: None known  
 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. Signs and Symptoms of Exposure: Irritation of exposed tissues, especially eyes, skin, throat, nasal cavities, and other mucous membranes. Medical Conditions Aggravated by Exposure: N.D. Carcinogenicity: IARC Monographs? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NTP? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> OSHA Regulated? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<u>Emergency and First Aid Procedures:</u> 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. Inhalation: Remove from exposure. Obtain medical attention immediately. Ingestion: May be harmful if swallowed. Drink large amounts of water or milk. <b>DO NOT</b> induce vomiting. Get medical attention immediately. Avoid contamination of foods.
---	--

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. Skin Protection: Use neoprene, rubber, or other chemical resistant gloves. Wear protective clothing to prevent repeated or prolonged contact. Eye Protection: Avoid eye contact. 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.	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. 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. 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.
---	--

## 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.

rev. 03/20/07

This 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 vary 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.