

# 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: FP10

MSDS File Name: HILLYARD FLR COND & NEUT

EPA Reg #: None

DOT Hazard Class: None

DOT Shipping Name: Cleaning Compounds, NOI, powder. Item 48581, Class 55

NSF Certified: N.A.

EPA/DfE Recognized: N.A.

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

**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)
Citric acid	77-92-9	Irritant			>50%
Sodium carbonate	497-19-8	Irritant			10-20%

SARA Section 313 Title III Notification Required: No

## SECTION 3 – PHYSICAL DATA

Appearance and Odor:	Solubility in water: Complete	Vapor Pressure (mm Hg): N.D.	pH (Concentrate): N.D.
White granules and crystals;	Boiling Point: N.D.	Vapor Density (Air=1): N.D.	pH (1% Solution): 3.0 – 4.0
Unscented	Melting Point: 153°	Evaporation Rate (Water=0.3): N.D.	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: <input checked="" type="checkbox"/> Unstable: <input type="checkbox"/>	Hazardous Polymerization: May Occur <input type="checkbox"/> Will Not Occur <input checked="" type="checkbox"/>
Conditions to Avoid: Freezing and extreme heat.	Hazardous Decomposition or By-Products: None known
Incompatibility (Materials to Avoid): Strong acids and bases.	

## 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.	<u>Emergency and First Aid Procedures:</u>
Signs and Symptoms of Exposure: Irritation of exposed tissues, especially eyes, skin, throat, nasal cavities, and other mucous membranes.	Eyes: If contact occurs, flush with plenty of cool water for 15 minutes. Consult a physician.
Medical Conditions Aggravated by Exposure: N.D.	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.
Carcinogenicity: IARC Monographs? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Inhalation: Remove from exposure. Obtain medical attention immediately.
NTP? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> OSHA Regulated? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	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.	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.
Respiratory 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.

### CANADA REGULATORY INFORMATION -

WHMIS (Canada) Hazard Classification: Class D2B: Toxic Material  
Transportation of Dangerous Goods Regulations: Not Regulated by TDGR

rev 9/19/13

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.