

MATERIAL SAFETY DATA SHEET

NFPA RATING: Health = 0 Flammability = 0 Reactivity = 0
HMIS RATING: Health = 0 Flammability = 0 Reactivity = 0

SECTION I – IDENTITY AND MANUFACTURER'S INFORMATION (RDZ-91A)

Manufacturer's Name: HILLYARD INDUSTRIES Product Name: HILLYARD FOAMING ANTI-MICROBIAL SOAP
Address: 302 North Fourth Street Date Prepared: May 13, 2009 (version 1)
St. Joseph, MO 64501 Prepared by: Regulatory Affairs Department
Emergency Telephone No.: (800) 424-9300 (Only in the event of chemical emergency involving a spill, leak, fire, exposure or accident involving chemicals.) Other information calls: (816) 233-1321 (Ext. 8285)
<http://www.hillyard.com>

SECTION II – INGREDIENTS/IDENTITY INFORMATION**Components**

(Specific Chemical Identity: Common Name(s)	CAS#	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	%
Triclosan	3380-34-5	N/A	N/A	N/A	<1%
Water	7732-18-5	N/A	N/A	N/A	---

SECTION III – PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point:	212°F	Specific Gravity (H ₂ O = 1): 25°C =	1.01	Density:	8.41
Vapor Pressure (mm Hg.):	N.E.	Percent Volatile by Volume (%):	N.E.		
Vapor Density (AIR = 1):	N.E.	Evaporation Rate (ethyl ether = 1):	N.E.		
Solubility in Water:	complete	Appearance and Odor:	Clear, orange liquid, pleasant odor		
pH (concentrate) =	6-7				

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash point: N/A Flammable Limits: LEL = N/A UEL = N/A
Extinguishing Media: As appropriate for the surrounding fire.
Special Fire Fighting Procedures: As appropriate for the surrounding fire.
Unusual Fire and Explosion Hazards: None.

SECTION V – PHYSICAL HAZARDS

Stability: Stable Conditions to Avoid: None known
Incompatibility (Materials to Avoid): None known
Hazardous Decomposition Products or Byproducts: None known
Hazardous Polymerization: Will not occur

SECTION VI – HEALTH HAZARD DATA

Routes of entry: Inhalation? yes Skin? no Ingestion? yes
HEALTH HAZARDS (1. Acute and 2. Chronic)

1. May cause mild eye irritation with prolonged exposure. May be harmful if swallowed.
2. None known to Hillyard Industries when used according to label directions.

Chemical listed as Carcinogen or Potential Carcinogen:

National Toxicology Program = No I.A.R.C. Monographs = No OSHA = No

This product has no carcinogens listed by IARC, NTP, NIOSH, or ACGIH as of this date, greater than or equal to 0.1%.

Signs and Symptoms of Exposure: If in eyes, burning sensation, watering or redness may occur. If swallowed, possible gastrointestinal irritation or disturbance may occur.

Medical Conditions Generally Aggravated by Exposure: None known

Emergency and First Aid Procedures: If in eyes, flush with water for 15 minutes. If swallowed and patient is conscious and alert, dilute by drinking large quantities of water; induce vomiting and get medical attention. Never give anything by mouth to an unconscious person. Always seek medical attention when product is swallowed or when symptoms are significant or persist.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken In Case Material Is Released Or Spilled: Small spills (less than 1 gallon), may be washed down a drain or cleaned up and disposed of into a sanitary sewer system. Large spills (more than 1 gallon) should be contained and collected by absorption or vacuuming, then disposed of properly.

Waste Disposal Method: Dispose of in accordance with state or local regulations.

Precautions To Be Taken In Handling And Storing: Keep container closed when not in use. Do not contaminate water, food or feed. Do not reuse empty containers.

Other Precautions: KEEP OUT OF REACH OF CHILDREN.

SECTION VIII – CONTROL MEASURES

Respiratory Protection (Specify Type): Not normally required with adequate ventilation.

Ventilation:

Local Exhaust = Not normally needed **Mechanical (General) =** Normally Sufficient **Special =** n/a **Other =** n/a

Protective Gloves: None needed. **Eye Protection:** None needed, avoid putting product into eyes while washing hands.

Other Protective Clothing or Equipment: Avoid prolonged contact. Wear clothing to prevent contact with concentrate if necessary. Eye wash, safety shower to be available when working with concentrate.

Work / Hygienic Practices: Avoid contact with eyes and clothing. May be harmful if swallowed. Protect food and drink from contamination by product.

SECTION IX – TRANSPORTATION INFORMATION

Applicable regulations: 49 CFR = no; IMCO = no; IATA = no

Proper shipping name: Cleaning compound, NOI, NMFC, 48580, Class 55

UN NO.: not applicable **Limited Qty.:** not applicable **Hazard Class =** not applicable

Labels required: not required **DOT Exception:** not applicable

EPA Hazardous waste number / code: not listed

Hazardous waste characteristics: Ignitability: not applicable; Corrosivity: not applicable; Reactivity: not applicable

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