

MATERIAL SAFETY DATA SHEET -68-

SECTION 1

Product Name:

HERCULES JOHNI-RINGS

DATE PREPARED 01/28/87 DATE ISSUED 02/12/93

ISSUED TO:

Capital Supply Co
PO Box 431
Farmington MO 63640-0431



HERCULES®

**MATERIAL
SAFETY
INFORMATION
SERVICE**

Hercules Chemical Company, Inc.
29 West 38 Street • New York, NY 10018-5595
Information Phone: 212-869-4330 - Ext. 226

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	%(OPTIONAL)
This product is defined as an "article" and is not classified as hazardous in accordance with OSHA 1910.1200				

HMIS Hazard Rating: 0 1 0 A

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	SPECIFIC GRAVITY (H ₂ O = 1)	VAPOR DENSITY (AIR = 1)
N/A	.82 to .86	N/A
VAPOR PRESSURE (mm Hg.)	MELTING POINT	EVAPORATION RATE (Butyl Acetate = 1)
0.01	140 deg. to 170 deg.F	N/A

SOLUBILITY IN WATER Insoluble

APPEARANCE AND COLOR Soft amber to brown color. No odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT	FLAMMABLE LIMITS	LEL	UEL
450 deg. to 550 deg.F	N/D	N/A	N/A

EXTINGUISHING MEDIA Use water fog, foam, dry chemical, or CO₂. Do not use a direct stream of water.

SPECIAL FIRE FIGHTING PROCEDURES Do not enter confined space without proper protective equipment, when handling wax fires. Cool fire exposed containers with water.

UNUSUAL FIRE AND EXPLOSION HAZARDS

When heated above its flash point, can release flammable vapors which can burn or be explosive in confined spaces if exposed to sources of ignition.

SECTION 5 - REACTIVITY DATA

STABILITY	CONDITIONS TO AVOID
STABLE	High heat temperatures over 160 deg.F

INCOMPATIBILITY (MATERIALS TO AVOID) Avoid strong oxidants.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS CO & CO₂ & unidentified organic compounds may be formed during combustion.

HAZARDOUS POLYMERIZATION Will not occur.

SECTION 6 - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY	INHALATION?	SKIN?	INGESTION?
	N/A	Yes/Secondary	Yes/Secondary

HEALTH HAZARDS (ACUTE AND CHRONIC)
None known

CARCINOGENICITY:	NTP?	IARC MONOGRAPHS?	OSHA REGULATED?
	NO	NO	NO

SIGNS AND SYMPTOMS OF EXPOSURE

None

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

None

EMERGENCY AND FIRST AID PROCEDURES

SKIN: Wash with soap and water. EYES: As with all foreign material, flush eyes with water. If irritation occurs, consult a physician. INGESTION: No significant adverse health effects are expected. Consult a physician, if large quantities are ingested.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Sweep up spilled material in containers for disposal.

WASTE DISPOSAL METHOD

Non-hazardous landfill.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Do not store over 110 deg.F to prevent the rings from melting or deforming in shape.

OTHER PRECAUTIONS

None

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE)

Not required

VENTILATION	LOCAL EXHAUST	Adequate	SPECIAL	N/A
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	MECHANICAL (GENERAL)	N/A	OTHER	N/A
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PROTECTIVE GLOVES Not required

EYE PROTECTION Safety glasses

OTHER PROTECTIVE CLOTHING OR EQUIPMENT None

WORK/HYGIENIC PRACTICES

None

N/A

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