
MATERIAL SAFETY DATA SHEET

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Revised 2/02/04
Replaces 8/12/03
Printed 2/03/04

HI CYCLE 115

MSDS ID: 00229

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: HI CYCLE 115
PRODUCT DESCRIPTOR: WATER TREATMENT
MANUFACTURER: JOHNSON DIVERSEY, INC. EMERGENCY PHONE NUMBER: (800) 851-7145
3630 E. KEMPER ROAD
CINCINNATI, OH. 45241

II. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME(CAS NUMBER)	%	EXPOSURE LIMITS	UNITS
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ACRYLIC POLYMER (PROPRIETARY)	<30	NONE ESTABLISHED	

III. HAZARDS IDENTIFICATION

ROUTES OF ENTRY: INHALATION: YES
SKIN: YES
INGESTION: YES
SIGNS AND SYMPTOMS OF EXPOSURE:
ACUTE: MAY CAUSE SKIN AND EYE IRRITATION. INHALATION OF HIGH VAPOR OR MIST CONCENTRATION MAY CAUSE HEADACHE, NAUSEA, IRRITATION OF NOSE, THROAT AND LUNGS. MATERIAL IS POSSIBLE HARMFUL IF SWALLOWED.
CHRONIC: NO KNOWN CHRONIC HEALTH EFFECTS.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
OPEN WOUNDS, HANDLING CONCENTRATE MAY DRY SKIN

IV. FIRST AID MEASURES

EYES: FLUSH WITH FRESH WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION.
SKIN: FLUSH WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. REMOVE CONTAMINATED CLOTHES AND SHOES. WASH THOROUGHLY WITH SOAP AND FRESH WATER.
INGESTION: GIVE SEVERAL GLASSES OF WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
INHALATION: MOVE VICTIM TO FRESH AIR. GET MEDICAL ATTENTION IF BREATHING DIFFICULTIES PERSIST. APPLY ARTIFICIAL RESPIRATION IF NECESSARY.

V. FIRE FIGHTING MEASURES

FLASH POINT: N/A	DEG F	FLAME EXTENSION: N/A	IN.
FLAMMABLE LIMITS IN AIR BY VOLUME:		LEL: N/A	UEL: N/A
UNUSUAL FIRE OR EXPLOSION HAZARDS:		NONE KNOWN	
EXTINGUISHING MEDIA:		WATER, CO2	
FIRE FIGHTING INSTRUCTIONS:		KEEP DRUMS THAT ARE EXPOSED TO FIRE; COOL WITH H2O	

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VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED: DIKE SPILL, ABSORB WITH CLAY OR SAND. PLACE IN AN APPROPRIATE COVERED CONTAINER. FLUSH SMALL AMOUNTS TO SANITARY SEWER.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: AVOID BREATHING MIST. WASH HANDS THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: FACE AND EYE PROTECTION WITH SIDE SHIELDS.
PROTECTIVE GLOVES: WATERPROOF
RESPIRATORY PROTECTION: NONE NORMALLY NEEDED.
OTHER PROTECTIVE CLOTHING/EQUIPMENT: CLOTHING TO COVER ARMS, LEGS, AND FEET.
EMERGENCY SHOWER
EXPOSURE GUIDELINES: SEE SECTION II FOR DETAILED INFORMATION.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (F): 212 SPECIFIC GRAVITY: 1.0980
VOLATILE BY VOLUME: N/A SOLUBILITY IN WATER: 100
VAPOR PRESSURE (MMHG): 18.4 AT 20 C
APPEARANCE AND ODOR: YELLOW LIQUID; MILD ODOR

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: YES
INCOMPATIBILITY WITH OTHER MATERIALS: STRONG ACIDS OR ALKALI
HAZARDOUS DECOMPOSITION PRODUCTS: NONE KNOWN
HAZARDOUS POLYMERIZATION: NONE

XI. TOXICOLOGICAL INFORMATION

NO DATA AVAILABLE

XII. ECOLOGICAL INFORMATION

NO DATA AVAILABLE

XIII. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTY CONTAINER. TRIPLE RINSE, ADD RINSE WATER TO OPERATION. DISPOSE OF CONTAINER IN ACCORDANCE WITH LOCAL STATE AND FEDERAL REGULATIONS.

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XIV. TRANSPORT INFORMATION

HAZARDOUS MATERIALS DESCRIPTION/PROPER SHIPPING NAME:

Please refer to the Bill of Lading/receiving documents for up to date shipping information.

XV. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

CERCLA/EPCRA:SECTION 313 TOXIC CHEMICALS:

NOT SARA REGULATION

LISTED CARCINOGEN: None

NTP: NO IARC: NO OSHA: NO

HMIS RATINGS: HEALTH: 1 FIRE: 0 REACTIVITY: 0

PERSONAL PROTECTIVE EQUIPMENT: D

STATE RIGHT-TO-KNOW INFORMATION:

NOT TO BE SOLD IN NEW JERSEY AND PENNSYLVANIA

XVI. OTHER INFORMATION

THE INFORMATION IN THIS MSDS RELATES TO THIS SPECIFIC MATERIAL. IT MAY NOT BE VALID FOR THIS MATERIAL IF USED OTHER THAN AS RECOMMENDED BY DIVERSEY LEVER OR IN COMBINATION WITH OTHER MATERIALS. IT IS THE USER'S RESPONSIBILITY TO EVALUATE THE APPLICABILITY OF THIS INFORMATION FOR HIS PARTICULAR CONDITIONS OF STORAGE, HANDLING AND USE.