

# Material Safety Data Sheet

## I. GENERAL INFORMATION

PRODUCT NAME: **MBC 615**

MANUFACTURER'S ADDRESS: Nashville Chemical & Equipment Co., Inc.  
7001 Westbelt Drive  
Nashville, TN 37209

24-HOUR EMERGENCY PHONE: **1-800-424-9300**

TRADE NAME: Glutaraldehyde  
CHEMICAL FORMULA: As seen on label  
CHEMICAL FAMILY: Microbiocide

<b>HEALTH</b>	<b>3</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>REACTIVITY</b>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<b>H</b>

## II. HAZARDOUS INGREDIENTS

<u>PRINCIPAL HAZARDOUS INGREDIENT (S):</u>	<u>% OF PRODUCT</u>	<u>PEL / TLV</u>	<u>CAS NO.</u>
Glutaraldehyde	15	TLV: CEIL 0.05 ppm	111-30-8

## III. PHYSICAL DATA

<b>BOILING POINT (F):</b>	>100(C)	<b>SPECIFIC GRAVITY (H2O=1):</b>	1.04
<b>VAPOR PRESSURE:</b>	0.20	<b>% VOLATILE BY WEIGHT:</b>	N/A
<b>VAPOR DENSITY:</b>	0.7	<b>MELTING / FREEZING POINT (F):</b>	N/A
<b>SOLUBILITY IN WATER:</b>	COMPLETE	<b>PH:</b>	Approx. 3.50
<b>APPEARANCE AND ODOR:</b>	CLEAR COLORLESS LIQUID, WITH SHARP FRUITY MEDICINAL ODOR		

## IV. FIRE AND EXPLOSION DATA

<b>FLASH POINT:</b>	N/A	<b>FLAMMABLE LIMITS IN AIR, VOLUME PERCENTAGE (%)</b>	
<b>FLASH POINT METHOD USED:</b>	N/A	<b>UPPER:</b>	N/A
<b>AUTO IGNITION TEMPERATURE:</b>	NE	<b>LOWER:</b>	N/A
<b>EXTINGUISHER MEDIA:</b>	AS USED ON SURROUNDING FIRE		
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	WATER MAY BE USED TO KEEP FIRE-EXPOSED CONTAINERS COOL UNTIL FIRE IS OUT. SELF CONTAINED POSITIVE PRESSURE BREATHING APPARATUS		
<b>UNUSUAL FIRE/EXPLOSION HAZARDS:</b>	NONE KNOWN.		

## V. PHYSICAL HAZARDS

<b>STABILITY:</b>	STABLE	<b>CONDITIONS TO AVOID:</b>	NONE
<b>MATERIALS TO AVOID:</b>	STRONG ALKALIES, STRONG ACIDS		
<b>HAZ. POLYMERIZATION:</b>	WILL NOT OCCUR	<b>CONDITIONS TO AVOID:</b>	HIGH TEMPERATURES
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	BURNING MAY PRODUCE CARBON MONOXIDE AND/OR CO <sub>2</sub>		

## VI. HEALTH HAZARDS

<b>ACUTE:</b>	CORROSIVE TO EYES	<b>CHRONIC:</b>	SKIN IRRITANT
<b>SIGNS AND SYMPTOMS OF EXPOSURE:</b>	Product may be harmful if swallowed or absorbed through skin. Do not taste. Vapor is irritating to respiratory tract. Contact with eyes will cause severe corneal injury. Skin contact will cause irritation.		
<b>MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:</b>	Avoid inhalation of vapors. Inhalation may aggravate asthma and inflammatory or fibrotic pulmonary disease.		
<b>LISTED AS CARCINOGEN/POTENTIAL CARCINOGEN:</b>	<b>IARC: NO</b> <b>NATIONAL TOXICOLOGY PROGRAM: NO</b>		

## VII. EMERGENCY AND FIRST AID PROCEDURES

### TREAT SYSTEMATICALLY AS OUTLINED BELOW:

- INHALATION:** If affected, remove person to fresh air. Consult a physician if breathing difficulty occurs.
- SKIN:** Thoroughly wash exposed area with soap and water. Consult a physician if irritation occurs.
- EYES:** Flush with clean water for at least 15 minutes, lifting upper and lower eye lids occasionally. DO NOT REMOVE CONTACT LENSES. Get medical attention.
- INGESTION:** DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING TO DRINK. Obtain medical attention without delay.

## VIII. ENVIRONMENTAL DATA: SPILL AND DISPOSAL PROCEDURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

- LARGE AND SMALL SPILL:** Completely contain and dike spill. Recover if possible. Absorb remainder and dispose of properly. Toxic to fish. Avoid discharge to natural waters.

### SEE SECTION X FOR MORE REGULATORY INFORMATION.

- WASTE DISPOSAL METHODS:** Incinerate or dispose of as a pesticide waste in accordance with all federal, state and local regulations.

## IX. CONTROL MEASURES

- RESPIRATORY PROTECTION:** NIOSH approved respirator with organic cartridge. Self contained breathing apparatus for high concentrations.
- VENTILATION:** Local exhaust (preferred).
- PROTECTIVE GLOVES:** Rubber, nitrile (NBR), butyl, polyethelene
- EYE PROTECTION:** Chemical splash goggles and face shield
- OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Impervious clothing (i.e. boots, apron) to minimize potential contact.
- WORK/HYGENIC PRACTICES:** Contaminated clothing should be laundered before re-use.
- OTHER:** Eye wash fountain and safety shower located in area. Do not heat above 50 C.

## X. REGULATORY INFORMATION

- DOT SHIPPING NAME:** COMPOUND, INDUSTRIAL PROCESS WATER TREATING, LIQUID
- HAZARD CLASSIFICATION:** N/A      **UN / NA NUMBER:** N/A
- DOT LABEL REQUIRED:** N/A
- SARA TITLE 111 REPORTING:**      **SECTION 311:** X      **SECTION 312:** X      **SECTION 313:** N/A
- SARA 313 REPORTABLE PRODUCT:** N/A
- SARA TPQ:** N/A
- CERCLA REPORTABLE QUANTITY OF PRODUCT:** N/A
- HMIS RATING:**      **HEALTH**      **3**      **FLAMMABILITY**      **0**      **REACTIVITY**      **0**

**Date Prepared:** March 2002  
**Prepared By:** Chris Bunch

**NE = Not Established**      **N/A = Not Applicable**      **NR = Not Required**  
**< = Less Than**      **> = Greater Than**

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