

**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>1</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: 0.05 PPM (CEILING)	111-30-8

THIS PRODUCT IS REGULATED UNDER FIFRA BY THE U.S. EPA AND ITS COMPONENTS ARE NOT REQUIRED TO BE LISTED ON THE U.S. TSCA INVENTORY.

**III. PHYSICAL DATA**

<b>BOILING POINT (F):</b>	>100 C	<b>SPECIFIC GRAVITY (H2O=1):</b>	1.04
<b>VAPOR PRESSURE:</b>	17.5 mmHg (20C)	<b>PERCENT VOLATILE BY WEIGHT (%):</b>	NA
<b>VAPOR DENSITY:</b>	0.7	<b>MELTING / FREEZING POINT (F):</b>	-5 C
<b>SOLUBILITY IN WATER:</b>	COMPLETE	<b>PH:</b>	APPROXIMATELY 3.5
<b>APPEARANCE AND ODOR:</b>	CLEAR COLORLESS LIQUID WITH CHARACTERISTIC ODOR		

**IV. FIRE AND EXPLOSION DATA**

**FLASH POINT:** N/A

**AUTO IGNITION TEMPERATURE:** > 225 C

**EXTINGUISHER MEDIA:** WATER, CARBON DIOXIDE, DRY EXTINGUISHING MEDIA, FOAM

**SPECIAL FIRE FIGHTING PROCEDURES:** WATER MAY BE USED TO KEEP FIRE-EXPOSED CONTAINERS COOL UNTIL FIRE IS OUT. FIREFIGHTERS SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS AND TURN-OUT GEAR.

**FLAMMABLE LIMITS IN AIR, VOLUME PERCENTAGE (%):**  
**UPPER:** N/A **LOWER:** N/A

**UNUSUAL FIRE/EXPLOSION HAZARDS:** TOXIC GASES, VAPORS

**V. PHYSICAL HAZARDS**

**STABILITY:** STABLE

**MATERIALS TO AVOID:** STRONG ALKALIES, STRONG ACIDS

**HAZ. POLYMERIZATION:** WILL NOT OCCUR

**HAZARDOUS DECOMPOSITION PRODUCTS:** BURNING MAY PRODUCE CARBON MONOXIDE AND/OR CO2

**CONDITIONS TO AVOID:** NONE

**CONDITIONS TO AVOID:** HIGH TEMPERATURES

**VI. HEALTH HAZARDS**

**ACUTE:** CORROSIVE TO EYES  
**SIGNS AND SYMPTOMS OF EXPOSURE:** **CHRONIC:** SKIN IRRITANT  
 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.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:**

AVOID INHALATION OF VAPORS. INHALATION MAY AGGRAVATE ASTHMA AND INFLAMMATORY OR FIBROTIC PULMONARY DISEASE.

**LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN:** IARC: NO **NATIONAL TOXICOLOGY PROGRAM:** NO

**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. GET MEDICAL ATTENTION. DO NOT REMOVE CONTACT LENSES.

**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 SPILLS RECOVER IF POSSIBLE. ABSORB REMAINDER AND PLACE IN SUITABLE CONTAINERS FOR DISPOSAL. DISPOSE OF ABSORBED MATERIAL IN ACCORDANCE WITH REGULATIONS. TOXIC TO FISH, AVOID DISCHARGE TO NATURAL WATERS. SEE SECTION X FOR MORE REGULATORY INFORMATION.

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**WASTE DISPOSAL METHODS:** 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:** IF VAPORS OR MISTS ARE GENERATED, WEAR A NIOSH APPROVED ORGANIC VAPOR/MIST RESPIRATOR OR AN AIR-SUPPLIED RESPIRATOR AS APPROPRIATE.

**VENTILATION:** LOCAL EXHAUST: PREFERRED

**PROTECTIVE GLOVES:** CHEMICAL RESISTANT PROTECTIVE GLOVES, IE. BUTYL RUBBER OR NITRILE.

**EYE PROTECTION:** CHEMICAL SPLASH GOGGLES. ALSO FACE SHIELD IF SPLASHING HAZARD EXISTS.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** IMPERVIOUS CLOTHING: IE. BOOTS, APRONS TO MINIMIZE POTENTIAL CONTACT.

**WORK/HYGENIC PRACTICES:** CONTAMINATED CLOTHING SHOULD BE LAUNDERED BEFORE REUSE.

**OTHER:** SAFETY SHOWER/EYE WASH LOCATED IN AREA. DO NOT HEAT ABOVE 50 C

**X. REGULATORY INFORMATION**

**DOT SHIPPING NAME:** COMPOUND, INDUSTRIAL PROCESS WATER TREATING, LIQUID

**HAZARD CLASSIFICATION:** NA **UN / NA NUMBER:** NA

**DOT LABEL REQUIRED:** NA

**SARA TITLE III REPORTING:** SECTION 311: X SECTION 312: X SECTION 313: NA

**SARA 313 REPORTABLE PRODUCT:** NA

**SARA TPQ:** NA

**CERCLA REPORTABLE QUANTITY OF PRODUCT:** NA

**HMIS RATING:** HEALTH 3 FLAMMABILITY 1 REACTIVITY 0

**DATE PREPARED:** OCTOBER 2007  
**PREPARED BY:** STEVEN FENNELL

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

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