

SAFETY DATA SHEET

WORKING COPY



Date Prepared : 09/17/2013
SDS No : 1D.01

MP-64

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: MP-64
GENERAL USE: Disinfectant
PRODUCT DESCRIPTION: Disinfectant
PRODUCT CODE: 1D.01/1D.02/1D.03
PRODUCT FORMULATION NAME: MP-64

MANUFACTURER

Centraz Industries Inc.
4051 BINGHAM AVE
ST. LOUIS, MO 63116
Customer Service: 314-752-7627

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (US Transportation & Medical) : (800) 424-9300

EPA REG. NO.: 47371-37

2. HAZARDS IDENTIFICATION

GHS LABEL



Exclamation
mark

SIGNAL WORD: WARNING

HAZARD STATEMENTS

POTENTIAL HEALTH EFFECTS

EYES: Direct contact with this material will produce severe eye irritation. Upon prolonged contact, chemical burns with possible irreversible damage may occur.

SKIN: Direct contact with this material will produce severe eye irritation. Upon prolonged contact, chemical burns with possible irreversible damage may occur.

INGESTION: Ingestion can cause immediate burning pain in the mouth, throat and abdomen; severe swelling of larynx; skeletal muscle paralysis affecting the ability to breath; circulatory shock; and/or convulsions.

INHALATION: Mists of products can cause irritation of mucose membranes. Prolonged inhalation of solvent vapors may cause drowsiness, lassitude and inability to concentrate.

ROUTES OF ENTRY: Eye, Skin

TARGET ORGAN STATEMENT: May cause irritation to eyes and skin.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Didecyl Dimethyl Ammonium Chloride	1.9	7173-51-5
N-alkyl Dimethylbenzyl Ammonium Chloride	1.2	8001-54-5
Poly(oxy-1,2-ethanediyl),-(nonylphenyl)-w-hydroxy	0.8	9016-45-9
Glycine, N,n'-1,2-ethanediylbis[n-(carboxymethyl)-, Tetrasodium Salt	0.4	64-02-8
Water	94.1 - 9.15	7732-18-5

4. FIRST AID MEASURES

EYES: Flush eyes with large amounts of running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. Get immediate medical attention. If physician not available, flush for additional 15 minutes and then transport victim to medical care.

SKIN: Wash with large amounts of running water and soap if available, for 15 minutes. Remove contaminated clothing and shoes. Get immediate medical attention. Wash clothing and decontaminate before reuse.

INGESTION: If swallowed, immediately give 3-4 glasses of milk (if unavailable, give water). DO NOT induce vomiting. If vomiting occurs, give fluids again. Get immediate medical attention. Have physician determine if patient's condition allows for induction of vomiting or evacuation of the stomach. Do not give anything by mouth to a convulsing or unconscious person.

INHALATION: Remove from area to fresh air. If not breathing, clear airway and start artificial respiration. If victim is having trouble breathing, give supplemental oxygen, if available. Get immediate medical attention.

NOTES TO PHYSICIAN: Probably mucosal damage may contraindicate the use of gastric lavage. Supplemental oxygen and other measures to support breathing may be needed to combat circulatory shock. Persistent convulsions may be controlled by the cautious intravenous injection of a short acting barbiturate drug.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂)

EXPLOSION HAZARDS: Combustion products are toxic.

FIRE FIGHTING EQUIPMENT: Firefighters should wear full protective clothing including self-contained breathing apparatus. Cool fire exposed containers with spray.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Dike and contain spill with inert material (sand, earth, etc.) and transfer the liquid and solid separately to containers for recovery or disposal. Keep spill out of sewers and open bodies of water.

SPECIAL PROTECTIVE EQUIPMENT: Wear protective clothing. Wear self contained breathing apparatus when performing operations involving potential exposure to vapour of the product.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: KEEP OUT OF REACH OF CHILDREN

HANDLING: Keep containers closed until used.

STORAGE: Store in a dry, well-ventilated area. Avoid freezing or excessive heat. DO NOT CONTAMINATED WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.

STORAGE TEMPERATURE: (140 °F)

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Use chemical safety goggles and/or a full face shield where splashing is possible.

SKIN: Gloves (solvent resistant)

RESPIRATORY: Use NIOSH/MSHA approved respirator following manufacturer's directions where mist, dust or spray may be generated.

OTHER USE PRECAUTIONS: Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use

and handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical Name	Flash Point (°C)
Didecyl Dimethyl Ammonium Chloride	107
N-alkyl Dimethylbenzyl Ammonium Chloride	98

PHYSICAL STATE: Liquid

ODOR: Lemon

APPEARANCE: Clear

COLOR: Yellow/Green

pH: 10 to 11

PERCENT VOLATILE: 95

FLASH POINT AND METHOD: > (2°F)

FLAMMABLE LIMITS: No information Available

AUTOIGNITION TEMPERATURE: No information Available

VAPOR PRESSURE: No information Available

VAPOR DENSITY: No information Available

BOILING POINT: No information Available

FREEZING POINT: No information Available

MELTING POINT: No information Available

POUR POINT: No information Available

THERMAL DECOMPOSITION: No information Available

SOLUBILITY IN WATER: Soluble

EVAPORATION RATE: No information Available

DENSITY: 8.34

SPECIFIC GRAVITY: 1

VISCOSITY #1: < 100 CPS at 25°C

MOLECULAR WEIGHT: No information Available

(VOC): No information Available

OXIDIZING PROPERTIES: No information Available

10. STABILITY AND REACTIVITY

STABILITY: Stable Under Normal conditions.

CONDITIONS TO AVOID: None known.

POSSIBILITY OF HAZARDOUS REACTIONS: Will not occur

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce toxic vapors/fumes of hydrogen chloride, amines and other organic materials, and oxides of carbon and nitrogen.

INCOMPATIBLE MATERIALS: None known.

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD ₅₀	DERMAL LD ₅₀
Didecyl Dimethyl Ammonium Chloride	450	3342
N-alkyl Dimethylbenzyl Ammonium Chloride	590	2000

NOTES: No toxicity information available for this product.

12. ECOLOGICAL INFORMATION

COMMENTS: THIS PRODUCT HAS NOT BEEN TESTED.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with federal, state, and local regulations. Must be triple rinsed before disposal.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

SPECIAL SHIPPING NOTES: DOT CLASS: NOT REGULATED # NON-HAZARDOUS FOR AIR, SEA AND ROAD FREIGHT.

15. REGULATORY INFORMATION

UNITED STATES

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
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Poly(oxy-1,2-ethanediyl),-(nonylphenyl)-w-hydroxy	9016-45-9
Glycine, N,n'-1,2-ethanediylbis[n-(carboxymethyl)-, Tetrasodium Salt	64-02-8
Water	7732-18-5

16. OTHER INFORMATION

Date Prepared: 09/17/2013

MANUFACTURER DISCLAIMER: The information presented herein is believed to be accurate but is not warranted. Recipients are advised to confirm in advance that the information is current, applicable and suitable to their circumstances.