
MATERIAL SAFETY DATA SHEET

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Revised 2/02/04
Replaces 8/19/03
Printed 2/03/04

LOW ENERGY SANITIZER**MSDS ID: 08643**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: LOW ENERGY SANITIZER

Product Code: 08643

Product Function: DISINFECTANT/SANITIZER

MANUFACTURER: JOHNSON DIVERSEY, INC.

EMERGENCY PHONE NUMBER: (800) 851-7145

3630 E. KEMPER ROAD

CINCINNATI, OH. 45241

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name(CAS Number)	%	Exposure Limits
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EPA REGISTERED PRODUCT

#875-95-50491

SODIUM HYPOCHLORITE (7681-52-9) <6 HAZARDOUS BY APPENDIX A

SODIUM HYDROXIDE (1310-73-2) <1 TLV 2; PEL 2 MG/M3

3. HAZARDS IDENTIFICATION

Primary Routes of Entry

Inhalation: YES

Skin: YES

Ingestion: YES

4. FIRST AID MEASURES

Eyes: FLUSH THOROUGHLY WITH FRESH WATER, FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.

Skin: FLUSH WITH FRESH WATER, WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHES AND SHOES. GET MEDICAL ATTENTION.

Ingestion: GIVE WATER, DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Inhalation: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.

5. FIRE FIGHTING MEASURES

Flash Point (degrees F): NONE

Unusual Fire or Explosion Hazards: NONE KNOWN

Extinguishing Media: CO2, DRY CHEMICALS, WATER

Fire Fighting Instructions: WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT AND SCBA.

6. ACCIDENTAL RELEASE MEASURES

If Material is Released or Spilled:

FLUSH SMALL AMOUNTS TO DRAIN AFTER DILUTION AND NEUTRALIZATION. COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER. REPORTABLE QUANTITY (R.Q.) OF PRODUCT:

2400 LBS. OR 267 GAL.

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7. HANDLING AND STORAGE

DO NOT PRESSURE CONTAINER TO EMPTY. KEEP FROM FREEZING. KEEP CONTAINER CLOSED. IF FROZEN, THAW AND MIX TO MAKE USABLE. STORE IN A COOL, DRY AREA AWAY FROM HEAT SOURCES.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/Face Protection: FACE SHIELD, SAFETY GLASSES
Protective Gloves: ALKALI RESISTANT
Respiratory Protection: NONE
Other Protective Clothing/Equipment: NONE

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: CLEAR LIGHT YELLOW LIQUID; CHLORINE ODOR.
Boiling Point (F): 212 Freezing Point: Not Determined
Specific Gravity: 1.1400 pH: Not Determined
pH 1% SOLUTION: Not Determined
Volatile (% by Vol.): 87 Solubility in Water: 100

10. STABILITY AND REACTIVITY

Chemical Stability: TO 250 F
Incompatibility With Other Materials: CONCENTRATED MINERAL ACIDS RELEASE CHLORINE GAS. AVOID CONTACT WITH AMMONIA AND ORGANIC MATERIALS.
Hazardous Decomposition Products: CHLORINE GAS WITH INCOMPLETE COMBUSTION
Hazardous Polymerization: None

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure:
Acute: NAUSEA; MAY CAUSE SEVERE DAMAGE TO EYES. CORROSIVE OR SEVERELY IRRITATING TO SKIN.
Chronic: None Known.
Medical Conditions Generally Aggravated by Exposure:
Sensitive skin

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

PH ADJUSTMENT; NO PHOSPHATES, PHENOLS OR HEAVY METAL IONS. USE UNTIL LESS THAN 1 INCH REMAINS IN CONTAINER, EMPTY CONTAINER TRIPLE RINSE WITH WATER, ADD TO OPERATION REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL CONSULT LOCAL OR STATE REGULATIONS ABOUT HAZARDOUS PESTICIDE WASTE DISPOSAL (EPA).

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14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

CERCLA/EPCRA/313 Toxic Chemicals:
NONE

CARCINOGENICITY:

Not listed as carcinogenic by IARC, NTP, OSHA, ACGIH

HMIS Ratings: Health: 3 Fire: 0 Reactivity: 1
Personal Protective Equipment: D

State Right-to-Know Information:

SODIUM HYDROXIDE - CAS #1310-73-2

SODIUM HYPOCHLORITE - CAS #7681-52-9

WATER - CAS #7732-18-5

16. OTHER INFORMATION

DISCLAIMER: The information contained in this safety data sheet is based on knowledge of this specific product and current national legislation. It may not be valid for this material if used in combination with any other materials or in a process. It is the user's responsibility to evaluate the applicability of this information for their particular conditions of storage, handling, and use.