

SODIUM HYPOCHLORITE

MSDS ID: 08645

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: SODIUM HYPOCHLORITE

Product Code: 08645

Product Function: LIQUID CHLORINATED 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	
SODIUM HYPOCHLORITE (5.25)	<6	TLV NE PEL NE	MG/M3
SODIUM HYDROXIDE (1310-73-2)	<1	TLV 2 PEL 2	MG/M3
EPA REGISTRATION # 875-93			

3. HAZARDS IDENTIFICATION

Primary Routes of Entry

Inhalation: NO

Skin: NO

Ingestion: NO

4. FIRST AID MEASURES

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

Skin: IMMEDIATELY FLUSH WITH PLENTY OF WATER. WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHES AND SHOES.

Ingestion: IF SWALLOWED, DRINK LARGE AMOUNTS OF WATER. DO NOT INDUCE VOMITING. CALL A PHYSICIAN OR POISON CONTROL CENTER.

Inhalation: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.

5. FIRE FIGHTING MEASURES

Flash Point (degrees F): N/A

Unusual Fire or Explosion Hazards: LIQUID CORROSIVE MATERIAL

Extinguishing Media: WATER SPRAY, CO2, DRY CHEMICAL

Fire Fighting Instructions: WEAR FULL PROTECTIVE GEAR AND SELF-CONTAINED BREATHING APPARATUS (SCBA) IN FIRE AREA.

6. ACCIDENTAL RELEASE MEASURES

If Material is Released or Spilled:

PROVIDE GOOD VENTILATION. AVOID CONTACT WITH ORGANIC MATERIALS. DIKE AREA TO CONTAIN SPILL; MOP UP OR PUMP LIQUID INTO SUITABLE CONTAINER. FLUSH TO SANITARY SEWER SYSTEM WITH PLENTY OF WATER. CERCLA PRODUCT R.Q.: SODIUM HYPOCHLORITE, 1,087 LBS. ON 109 GALLONS.

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7. HANDLING AND STORAGE

STORE THE PRODUCT IN A COOL AREA, AWAY FROM DIRECT SUN LIGHT AND HEAT TO AVOID DETERIORATION. KEEP CONTAINER CLOSED WHEN NOT IN USE.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/Face Protection: FACE SHIELD OR GOGGLES
Protective Gloves: RUBBER GLOVES
Respiratory Protection: PROVIDE NIOSH/MSHA-APPROVED RESPIRATOR RECOMMENDED FOR CHLORINE FUMES IF PROLONGED OR REPEATED EXPOSURE IS LIKELY.
Other Protective Clothing/Equipment: CLOTHING COVERING ARMS AND LEGS AND FOOTWEAR TO PREVENT SKIN CONTACT. EYE WASH IN USE AREA.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: CLEAR 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: STABLE
Incompatibility With Other Materials: ACIDS, NITROGEN CONTAINING COMPOUNDS, AND OXIDIZERS.
Hazardous Decomposition Products: RELEASES IRRITATING AND TOXIC CHLORINATED GAS AT 250 F.
Hazardous Polymerization: None

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure:
Acute: HARMFUL IF SWALLOWED. CORROSIVE TO EYES. MAY CAUSE SKIN IRRITATION.
Chronic: NO KNOWN CHRONIC HAZARDS.
Medical Conditions Generally Aggravated by Exposure:
SENSITIVE SKIN. MIST MAY AGGRAVATE RESPIRATORY DISEASE.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

TRIPLE RINSE CONTAINER WITH COLD WATER; DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. SEE PRODUCT LABEL FOR ADDITIONAL PRECAUTIONS.

MATERIAL SAFETY DATA SHEET

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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:

ALL CHEMICAL INGREDIENTS ARE ON TSCA INVENTORY.

CARCINOGENICITY:

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

HMIS Ratings: Health: 3 Fire: 0 Reactivity: 0
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

SODIUM CHLORIDE - CAS #7647-14-5

SODIUM CARBONATE - CAS #497-19-8

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.