

OLIN CORPORATION -- SODIUM HYPOCHLORITE 7-15% AQUEOUS SOLUTION -- 6810-01-029-5565

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Product Identification
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Product ID:SODIUM HYPOCHLORITE 7-15% AQUEOUS SOLUTION

MSDS Date:06/06/1988

FSC:6810

NIIN:01-029-5565

MSDS Number: BPHQG

=== Responsible Party ===

Company Name:OLIN CORPORATION

Address:120-LONG RIDGE ROAD

Box:1355

City:STAMFORD

State:CT

ZIP:06904-1355

Country:US

Info Phone Num:203-

356-2000,803-722-2731

Emergency Phone Num:800-654-6911

CAGE:99530

=== Contractor Identification ===

Company Name:OLIN CORPORATION

Address:501 MERRITT 7

Box:4500

City:NORWALK

State:CT

ZIP:06856-4500

Country:US

Phone:203-750-3000/800-511-MSDS

CAGE:99530

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Composition/Information on Ingredients
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Ingred Name:SODIUM HYPOCHLORITE (SARA III)

CAS:7681-52-9

RTECS #:NH3486300

Fraction by Wt: 7-15%

Other REC Limits:NONE SPECIFIED BY M.

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingredient Name: WATER
CAS: 7732-18-5
RTECS #: ZC0110000
Fraction by Wt: BALANCE

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Hazards Identification
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LD50 LC50 Mixture: LC 50 INHAL: RAT: 293 PPM/1 H (CHLORINE)
Routes of Entry: Inhalation: YES Skin: YES Ingestion: NO
Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO
Health Hazards Acute and Chronic: ACUTE: CORROSIVE TO ALL BODY TISSUES;
SEVERE BURNS OR DAMAGE TO EYES; SKIN IRRITATION, DEEP ULCERATION,
IRRITATION OF RESPIRATORY TRACT AND MUCOUS MEMBRANES. LARGE AMOUNT
MAY BE FATAL. CHRONIC: LUNGS DAMAGE, DERMATITIS.
Effects of Overexposure: IRRITATION AND BURNS OF EYES, COUGHING, NAUSEA,
VOMITING, DISCOMFORT.
Medical Condition Aggravated by Exposure: RESPIRATORY DISEASES.

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First Aid Measures
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First Aid: SKIN AND EYES: FLUSH WITH PLENTY OF WATER FOR ABOUT 15
MINUTES; CALL A PHYSICIAN. INHALATION: REMOVE TO FRESH AIR; SEEK
MEDICAL HELP. INGESTION: IF CONSCIOUS, GIVE PLENTY OF WATER
AND
CALL A DOCTOR.

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Fire Fighting Measures
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Flash Point: NONE
Extinguishing Media: WATER SPRAY, DRY CHEMICAL, CO₂, FOAM.
Fire Fighting Procedures: USE NIOSH/MSHA APPROVED SELF-CONTAINED-
BREATHING-APPARATUS IN AN ENCLOSED AREA.
Unusual Fire/Explosion Hazard: TOXIC CHLORINE GAS WILL BE PRODUCED.

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Accidental Release Measures
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Spill Release Procedures: USE PROPER PERSONAL PROTECTION (SCBA). CONTAIN
FREE LIQUID.
D. COLLECT THE REST OF THE MATERIAL WITH SUITABLE INERT
ABSORBENT MATERIAL FOR PROPER DISPOSAL. AVOID DIRECT DISCHARGE TO
SEWERS AND SURFACE WATER.
Neutralizing Agent: DILUTE WITH LARGE AMOUNTS OF WATER.

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Handling and Storage
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Handling and Storage Precautions: STORE IN COOL, DRY, AND WELL
VENTILATED AREA. DO NOT FREEZE. KEEP CONTAINER CLOSED WHEN NOT IN
USE.
Other Precautions: NONE STATED.

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Exposure Controls/Personal Protection
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ection =====

Respiratory Protection:USE NIOSH APPROVED RESPIRATOR FOR CHLORINE IF ABOVE PEL/TLV.

Ventilation:LOCAL EXHAUST TO MAIN PEL/TLV.

Protective Gloves:RUBBER, NEOPRENE.

Eye Protection:CHEMICAL SAFETY GOOGLES, FACE SHIELD.

Other Protective Equipment:EYE-WASH STATION, SAFETY SHOWER, RUBBER APRON, FULL PROTECTIVE CLOTHING.

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN. DO NOT BREATHE VAPORS/MIST. WASH THOROUGHLY AFTER EACH USE.

Supplemental Safety and Health
NONE

===== Physical/Chemical Properties =====

HCC:B1

Vapor Density:>1.0

Spec Gravity:1.2

pH:>11

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR,LIGHT YELLOW LIQUID,CHLORINE ODOR

Percent Volatiles by Volume:100.0

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

ACIDS, AMMONIA, ORGANIC MATERIAL, ULTRAVIOLET LIGHT.

Stability Condition to Avoid:AVOID TEMPERATURE ABOVE 70F.

Hazardous Decomposition Products:

CHLORINE GAS.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH LOCAL STATE AND FEDERAL REGULATIONS.

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