

HYDRITE CHEMICAL CO -- SODIUM HYPOCHLORITE SOLUTION-15 -- 6810-01-029-5565

=====
Product Identification
=====

Product ID:SODIUM HYPOCHLORITE SOLUTION-15

MSDS Date:01/24/1989

FSC:6810

NIIN:01-029-5565

MSDS Number: BGFVG

=== Responsible Party ===

Company Name:HYDRITE CHEMICAL CO

Address:300 N. PATRIOCK BLVD.

City:BROOKFIELD

State:WI

ZIP:53008

Country:US

Info Phone Num:414-792-1450

Emergency Phone Nu

m:414-277-1311

Preparer's Name:LMT

CAGE:53270

=== Contractor Identification ===

Company Name:HYDRITE CHEMICAL CO

Address:300 N. PATRICK BLVD

Box:City:BROOKFIELD

State:WI

ZIP:53008-0948

Country:US

Phone:414-354-3750

CAGE:53270

=====
Composition/Information on Ingredients
=====

Ingred Name:SODIUM HYPOCHLORITE (SARA III)

CAS:7681-52-9

RTECS #:NH3486300

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

=====
Hazards Iden

tification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE-EYES:CORROSIVE.CAUSES SEVERE BURNS & DESTRUCTION OF TISSUES.SMALL QUANTITIES CAN RESULT IN PERMANENT DAMAGE & LOSS OF VISION.SKIN:CORROSIVE.CAUSES BURNS & DEEP ULCERATION WITH SCARRING.INHALATION:MISTS BURN MUCOUS MEMBRANES.INGESTION:CAN CAUSE VERY SERIOUS DAMAGE TO THE MOUTH,THROAT & GI TRACT.

CHRONIC-NOT GIVEN.

Explanation of Carcinogenicity:THIS PRODUCT DOES NOT CONTAIN GREATER THAN 0.1% OF THE KNOWN OR POTENTIAL CARCINOGENS LISTED IN NTP, IARC, OR OSHA.

Effects of Overexposure:SEE HEALTH HAZARDS SECTION. THE PRODUCT IS A DOT SKIN CORROSIVE. TARGET ORGANS: EYES, SKIN, RESPIRATORY SYSTEM.

Medical Cond Aggravated by Exposure:NONE GIVEN.

===== First Aid Measures =====

First Aid:SEEK MEDICAL CARE IN ALL CASES.EYES & SKIN:FLUSH WITH WATER

FOR AT LEAST 15 MINUTES.HOLD EYELIDS OPEN.THEN WASH SKIN WITH SOAP & WATER.INHALATION:REMOVE TO FRESH AIR.GIVE CPR/OXYGEN IF NEEDED.INGESTION:DO NOT INDUCE VOMITING.IF CONSCIOUS,DRINK A QUART OF WATER.

===== Fire Fighting Measures =====

Flash Point:NONE

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, ALCOHOL FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL

FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:CHLORINE CONTAINING GASES CAN BE PRODUCED.

===== Accidental Release Measures =====

Spill Release Procedures:VENTILATE & EVACUATE AREA. USE PROTECTIVE CLOTHING & RESPIRATORS. CONTAIN SPILL, PLACE INTO DRUMS FOR PROPER DISPOSAL. FLUSH REMAINING AREA WITH WATER TO REMOVE TRACE RESIDUE AND DISPOSE OF PROPERLY. AVOID DIRECT DISCHARGE TO SEWER

S &
SURFACE WATERS.

=====
Handling and Storage
=====

Handling and Storage Precautions: STORAGE-STORE IN COOL, WELL VENTILATED AREA AWAY FROM INCOMPATIBLE MATERIALS.

Other Precautions: KEEP OUT OF DIRECT SUNLIGHT. KEEP CONTAINER TIGHTLY CLOSED. RELIEVE PRESSURE IN DRUMS WEEKLY. AVOID BREATHING VAPORS OR MIST. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING. AVOID MIST FORMATION. DO NOT STORE IN UNLABELED/MISLABELED CONTAINERS

=====
Exposure Controls/Personal Protection
=====

Respiratory Protection: USE ONLY WITH ADEQUATE VENTILATION. IF NEEDED, USE NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Ventilation: LOCAL/GENERAL TO MAINTAIN PEL/TLV.

Protective Gloves: RUBBER (LATEX), PVC, NEOPRENE

Eye Protection: CHEMICAL SPLASH GOGGLES & FACE SHIELD

Other Protective Equipment: IMPERVIOUS APRON, BOOTS, PANTS, HOOD AND JACKET. EYE-WASH FACILITIES, SAFETY SHOWER.

Work Hygienic Practices: WASH THOROUGHLY AFTER EACH USE. DO NOT EAT,

DRINK, OR SMOKE IN WORK AREA. DO NOT WEAR CONTACT LENSES.

Supplemental Safety and Health

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

HCC: B1

Melt/Freeze Pt: M.P/F.P Text: -10F, -23C

Vapor Density: >1

Spec Gravity: 1.210

Solubility in Water: COMPLETE

Appearance and Odor: CLEAR, YELLOW LIQUID, CHLORINE ODOR

Percent Volatiles by Volume: 100

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

Stability Indicator/Materials to Avoid: NO

AMMONIA, ORGANIC

MATERIALS, ACIDS

Stability Condition to Avoid:AVOID TEMPERATURE ABOVE 70F.

Hazardous Decomposition Products:CHLORINE-CONTAINING GASES CAN BE PRODUCED.

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

Waste Disposal Methods:OBSERVE ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. IF APPROVED, FLUSH TO SEWER WITH LARGE AMOUNT OF WATER. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND/EXPOSE EMPTY CONTAINERS T O HEAT, FLAME, SPARKS/OTHER SOURCES OF IGNITION.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.