

OLIN CORP CHEMICALS GROUP -- SODIUM HYDROXIDE,ACS,PELLETS -- 6810-00-174-6581

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Product Identification
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Product ID:SODIUM HYDROXIDE,ACS,PELLETS

MSDS Date:01/21/1993

FSC:6810

NIIN:00-174-6581

MSDS Number: BPNVY

=== Responsible Party ===

Company Name:OLIN CORP CHEMICALS GROUP

Address:120 LONG RIDGE RD

City:STAMFORD

State:CT

ZIP:06904

Country:US

Info Phone Num:203-356-3449

Emergency Phone N

um:203-356-3449,CHEMTREC 800-242-9300

CAGE:53084

=== Contractor Identification ===

Company Name:OLIN CORP CHEMICALS GROUP

Address:120 LONG RIDGE RD

City:STAMFORD

State:CT

ZIP:06904

Country:US

Phone:203-356-3449,CHEMTREC 800-242-9300

CAGE:53084

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Composition/Information on Ingredients
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Ingred Name:SODIUM HYDROXIDE

CAS:1310-73-2

RTECS #:WB4900000

Fraction by Wt: 96-100%

Other REC Limits:NONE SPECIFIED

OSHA PEL:2 MG/M3

ACGIH TLV:C 2 MG/M3; 9293

EPA Rpt Qty:1000 LBS

DOT

Rpt Qty:1000 LBS

Ingred Name:SODIUM CHLORIDE
CAS:7647-14-5
RTECS #:VZ4725000
Fraction by Wt: 0-2%
Other REC Limits:NONE SPECIFIED

Ingred Name:SODIUM CARBONATE
CAS:497-19-8
RTECS #:VZ4050000
Fraction by Wt: 0-1.5%
Other REC Limits:NONE SPECIFIED

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===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 300-500 MG/KG.

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

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

Health Hazards Acute

and Chronic:EYES: SEVERE IRRITATION, BURNS,

CORNEAL DAMAGE. SKIN: SEVERE IRRITATION, BURNS, DESTRUCTION OF DERMIS. INHALATION: IRRITATION AND BURNS TO NOSE, MOUTH, THROAT, LUNGS. PERMANENT LUNG DAMAGE. INGESTION: IRRITATION AND BURNS TO ENTIRE GASTROINTESTINAL TRACT, INCLUDING STOMACH AND INTESTINES. SEVERE DAMAGE TO GI TRACT.

Effects of Overexposure:EYES: SEVERE IRRITATION, BURNS, CORNEAL DAMAGE.

SKIN: SEVERE IRRITATION, BURNS, DESTRUCTION OF DERMIS. INHALATION: IR

RITATION AND BURNS TO NOSE, MOUTH, THROAT, LUNGS, PERMANENT LUNG DAMAGE. INGESTION: IRRITATION AND BURNS TO ENTIRE GASTROINTESTINAL TRACT, INCLUDING STOMACH AND INTESTINES, SEVERE DAMAGE TO GI TRACT.

Medical Cond Aggravated by Exposure:ASTHMA, RESPIRATORY AND CARDIOVASCULAR DISEASE.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP

AND WATER. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION.

INHALATION: MOVE TO FRESH AIR. IF NOT BREATHING, GIVE CPR.

IF BREATHING DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION.

INGESTION: DRINK LARGE AMOUNTS OF WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Fire Fighting Procedures:USE WATER TO COOL CONTAINERS EXPOSED TO FIRES. CONTACT WITH REACTIVE METALS, E.G., ALUMINUM MAY RESULT IN THE

GENERATION OF FLAMMABLE HYDROGEN GAS.

Unusual Fire/Explosion Hazard:MATERIAL MAY REACT WITH WATER IF NOT PROPERLY SUPERVISED. CAUTION MUST BE TAKEN TO KEEP MATERIALS AS DRY AS POSSIBLE.

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

Spill Release Procedures:WATER: STOP SOURCE IF SAFE. DIVERT AND CONTAIN ALL WATER FOR TREATMENT AND/OR DISPOSAL. NOTIFY ALL DOWNSTREAM USERS OF POSSIBLE CONTAMINATION AND MONITOR. LAND: DIKE MATERIAL IF NECESSARY. CLEAN-UP

S PILL USING CLEAN, DRY EQUIPMENT AND CONTAINERS.

Neutralizing Agent:MAY NEUTRALIZE MATERIAL FOR DISPOSAL.CONTACT OCEAN AT 800-654-6911 BEFORE START.

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

Handling and Storage Precautions:DO NOT STORE ABOVE 130F. STORE IN TIGHTLY SEALED CONTAINER AWAY FROM INCOMPATABLE MATERIALS. AVOID CONTACT WITH SKIN, EYES, AND CLOTHING.

Other Precautions:DO NOT PACKAGE IN ALUMINUM, ZINC, TIN, WOOD, PAPER, GLASS. INCOMPATABLE

MATERIAL FOR STORAGE OR TRANSPORT: ACIDS, NITROGEN CONTAINING ORGANICS, PHOSPHORUS, EXPLOSIVES, ORGANIC PEROXIDES, HALOGEN COMPO UNDS, ALUMINUM, ZINC, TIN.

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

Respiratory Protection:RESPIRATORY PROTECTION NOT NORMALLY NEEDED. IF DUSTING OCCURS, WEAR A NIOSH/MSHA APPROVED DUST RESPIRATOR.

Ventilation:USE LOCAL VENTILATION TO MAINTAIN DUST LEVELS TO BELOW THE TLV.

Protective Gloves:WEAR GLOVES TO PREVENT SKIN CONTACT.

Eye Protection:CHEMICAL GOGGLES.

Other Protective Equipment:WEAR BOOTS, APRONS OR IMPERMEABLE SUIT TO AVOID SKIN CONTACT. PROVIDE EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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

HCC:B1

Melt/Freeze Pt:M.P/F.P Text:604F,318C

Spec Gravity:2.13

Solubility in Water:53% AT 7

7F/25C

Appearance and Odor:WHITE SOLID, FLAKE, GRANULAR, LUMP. NO ODOR.

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

Stability Indicator/Materials to Avoid:YES

ACIDS, NITROGEN CONTAINING ORGANICS, CARBOHYDRATES, PHOSPHOROUS,
EXPLOSIVES, ORGANIC PEROXIDES, ALUMINUM, TIN, ZINC.

Stability Condition to Avoid:NONE KNOWN.

Hazardous Decomposition Products:CARBON MONOXIDE WITH CARBOHYDRATES,
HYDROGEN WITH ALUMINUM, ZINC, TIN

Conditions to Avoid Polymerization:WILL NOT OC
CUR.

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

Waste Disposal Methods:DISPOSE OF WASTE AS A NONHAZARDOUS SOLID WASTE
IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS BY
TREATMENT IN A WASTEWATER TREATMENT SYSTEM. ONCE MATERIAL IS IN
SOLUTION, IT MEETS THE DEFINITION OF A D002 (CORROSIVE HAZARDOUS
WASTE)

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