

HACH COMPANY -- 2450 SODIUM HYDROXIDE; 5.00 N -- 6810-01-240-6563

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Product Identification
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Product ID:2450 SODIUM HYDROXIDE; 5.00 N

MSDS Date:06/14/1991

FSC:6810

NIIN:01-240-6563

MSDS Number: BGRFL

=== Responsible Party ===

Company Name:HACH COMPANY

Address:100 DAYTON RD.

Box:907

City:AMES

State:IA

ZIP:50010-6402

Country:US

Info Phone Num:800-227-4224

Emergency Phone Num:515-232-2533 (3
03-623-5716 MEDICAL)

CAGE:4T252

=== Contractor Identification ===

Company Name:HACH CO

Address:5600 LINDBERGH DR

Box:389

City:LOVELAND

State:CO

ZIP:80539

Country:US

Phone:970-669-3050/ 303-623-5716

CAGE:91224

Company Name:HACH COMPANY

Address:100 DAYTON RD.

Box:907

City:AMES

State:IA

ZIP:50010

Country:US

Phone:800-227-4224

CAGE:4T252

Company Name:INLAND PACKAGING INC

Address:209 PETERSON DR

Box:644

City:ELIZABETHTOWN

State:KY

ZIP:42701-9804

Country:US

Phone:502-737-6757

CAGE:66172

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Composition/Information on Ingredients =====

Ingred Name:SODIUM HYDROXIDE (SARA III)

CAS:1310-73-2

RTECS #:WB4900000

Fraction by Wt: 75%

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

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE: IRRITATES AND BURNS SKIN, EYES, RESPIRATORY TRACT,MUCOUS MEMBRANES AND GI TRACT. CHRONIC: NONE SPECIFIED BY MANUFACTURER.

Ex

planation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION: COUGHING, WHEEZING, SHORTNESS OF BREATH. EYES: REDNESS, TEARING, BURNS. SKIN: REDNESS, RASH, BURNS. INGESTION: STOMACH PAIN, BURNS OF MOUTH, NAUSEA, VOMITING, DIARRHEA.

Medical Cond Aggravated by Exposure:CHRONIC EYE AND SKIN CONDITIONS.

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

First Aid:EYE/SKIN: FLUSH WITH WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ATTENTION. INHALED: REMOV

E TO FRESH AIR. INGESTED: DO NOT

INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER WITH AT LEAST 1 OZ VINEG AR,DILUTED WITH WATER. GET MEDICAL ATTENTION.

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

Flash Point:NONFLAMMABLE

Extinguishing Media:MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:NEUTRALIZE. ADSORB WITH INERT MATERIAL. PLACE IN CONTAINER FOR DISPOSAL.

Neutralizing Agent:5 % ACETIC ACID SOLUTION.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA.

Other Precautions:WASH THOROUGHLY AFTER HANDLING.AVOID CONTACT W.EYES, SKIN,CLOTHING.

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

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respiratory Protection:NONE EXPECTED TO BE NECESSARY. NOTE: IF MISTED
USE APPROPRIATE NIOSH/MSHA RESPIRATOR.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION.

Protective Gloves:PVC, NEOPRENE

Eye Protection:SAFETY GLASSES.OR SPLASH GOGGLES

Other Protective Equipment:EYE WASH,SAFETY SHOWER. LAB COAT OR APRON.

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID
UNNECESSARY CONTACT. DO NOT WEAR CONTACT LENSES.

Supplemental Safety and Health
CHANGE NO. 8475.

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Physical/Chemical Properties =====

HCC:B1

Boiling Pt:=100.C, 212.F

Spec Gravity:1.181

pH:14.0

Evaporation Rate & Reference:0.59 (WATER=1)

Solubility in Water:SOLUBLE

Appearance and Odor:CLEAR, COLORLESS LIQUID. NO ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG MINERAL ACIDS

Stability Condition to Avoid:HEAT,EVAPORATION

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER. OXIDES
OF SU
LFUR.

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH FEDERAL,STATE,LOCAL
REGULATIONS. NFR SUGGESTED: FLUSH TO DRAIN.

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