

OCCIDENTAL CHEMICAL CORPORATION -- CAUSTIC SODA-DIAPHRAGM 50 % CONTINUED ON
PNIND-C -- 6810-01-051-3050

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

Product ID:CAUSTIC SODA-DIAPHRAGM 50 % CONTINUED ON PNIND-C

MSDS Date:10/15/1996

FSC:6810

NIIN:01-051-3050

MSDS Number: BGJCD

=== Responsible Party ===

Company Name:OCCIDENTAL CHEMICAL CORPORATION

Address:5005 LBJ FREEWAY

Box:809050

City:DALLAS

State:TX

ZIP:753

80

Country:US

Info Phone Num:800-752-5151

Emergency Phone Num:800-733-3665/972-404-8228

CAGE:0AH54

=== Contractor Identification ===

Company Name:BCI

Address:US HWY1 S KENTON COMPLEX

Box:1206

City:SAINT AUGUSTINE

State:FL

ZIP:32085

Country:US

Phone:800-826-6168

CAGE:1CD46

Company Name:OCCIDENTAL CHEMICAL CORPORATION

Address:5005 LYNDON B JOHNSON FWY

Box:City:DALLAS

State:TX

ZIP:75244-6198

Country:US

Phone:800-752-5151/972-404-3800

CAGE:0AH54

Company Name:P B AND S CHEMICAL CO

CAGE:2Y910

Company

fication =====

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.

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

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

Health Hazards Acute and Chronic:**CORROSIVE** EYES:MAY CAUSE

IRRITATION,BURNS,POSSIBLY BLINDESS.SKIN:MAY CAUSE

IRRITATION.INGEST:MAY CAUSE DELAYED GI TRACT IRRITATION AND

BURNS.INHAL:MAY CAUSE RESPIRATORY IRRITATION,BURNS,POSSIBLY C
HEMICAL PNEUMONIA.

Explanation of Carcinogenicity:THERE ARE NO

INGREDIENTS ABOVE 0.1%

WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Effects of Overexposure:SEVERE BURNS, PAIN, NAUSEA, VOMITING.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH COOL WATER.GET
MEDICAL ATTENTION IF NEEDED.EYES:FLUSH WITH WATER FOR 15
MINUTES.GET IMMEDIATE MEDICAL ATTENTION.INHAL:REMOVE TO FRESH
AIR.GIVE OXYGEN

OR ART IFICIAL RESPIRATION IF NEEDED.GET IMMEDIATE
MEDICAL ATTENTION.INGEST:DO NOT INDUCE VOMITING.GET PROMPT
QUALIFIED MEDICAL ATTENTION.IF CONSCIUS,GIVE MILK OR WATER.KEEP
AIRWAY CLEAR.

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

Flash Point:NONE

Extinguishing Media:USE CARBON DIOXIDE, FOAM OR DRY CHEMICAL. USE WATER
SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED
SELF-CONTAINED BREATHIN

G APPARATUS. HAZARDOUS DECOMPOSITION
PRODUCTS MAY BE FORMED.

Unusual Fire/Explosion Hazard:DIRECT CONTACT WITH WATER CAN CAUSE
VIOLENT EXOTHERMIC REACTION.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. VENTILATE AREA.
CONTAIN SPILL AND REMOVE WITH VACUUM TRUCK. NEUTRALIZE REMAINING
TRACES OF MATERIAL WITH DILUTE ACID AND FLUSH WITH PLENTY OF
WATER.NEVER FLUSH TO SEWER.

Neutralizing Agent:ACETIC, HYDRO

CHLORIC, SULFURIC, PHOSPHORIC, NITRIC
ACIDS

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Handling and Storage
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Handling and Storage Precautions:STORE IN CLOSED CONTAINER AWAY FROM
INCOMPATIBLE MATERIALS. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:DO NOT GET INTO EYES OR ON SKIN. DO NOT TAKE
INTERNALLY. WASH THOROUGHLY AFTER HANDLING. USE WITH ADEQUATE
VENTILATION.

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Exposure Controls/Personal Protection
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Respiratory Protection:NONE SHOULD BE
NEEDED. WEAR NIOSH APPROVED

RESPIRATORS WHERE DUST, MIST OR SPRAY MAY BE GENERATED.

Ventilation:NONE NORMALLY REQUIRED. USE LOCAL EXHAUST VENTILATION WHERE
DUST, MIST OR SPRAY MAY BE GENERATED.

Protective Gloves:RUBBER,NEOPRENE,VINYL.

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A
LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND
RECOMMENDED PROC

EDURES. WASH THOROUGHLY BEFORE EATING,
DRINKING/SMOKING.

Supplemental Safety and Health

THIS RECORD IS CONTINUED ON PNIND-C.

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Physical/Chemical Properties
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HCC:B1

Boiling Pt:=143.9C, 291.F

Melt/Freeze Pt:=12.C, 53.5F

Decomp Temp:Decomp Text:NOT KNOWN

Vapor Pres:13MM/60C

Spec Gravity:1.53

pH:14

Solubility in Water:NOT AVAILABLE

Appearance and Odor:CLEAR LIQUID WITH NO DISTINCT ODOR.

Percent Volatiles by Volume:0

Corrosion Rate:CORROSIV

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= Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

AIR, WATER, ACIDS AND METALS (SN, AL, ZN), LEATHER, WOOL, ORGANIC HALOGENS, ORGANIC NITRO COMPOUNDS.

Stability Condition to Avoid: AVOID DIRECT CONTACT WITH WATER.

Hazardous Decomposition Products: CO (GAS) MAY BE FORMED WHEN THIS PRODUCT CONTACTS REDUCING SUGARS, FOODS, BEVERAGES; USE CAUTION IN CONFINED SPACES.

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

Waste Disposal Methods

: DISCHARGE, TREATMENT OR DISPOSAL IS SUBJECT TO FEDERAL, STATE OR LOCAL REGULATIONS. FLUSH NEUTRALIZED SOLUTION TO SEWER WITH LARGE AMOUNT OF WATER, IF PERMITTED.

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