

HOME OIL CO -- CAUSTIC SODA #14659 -- 6810-00-174-6581

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

Product ID:CAUSTIC SODA #14659

MSDS Date:01/24/1994

FSC:6810

NIIN:00-174-6581

MSDS Number: CCJQT

=== Responsible Party ===

Company Name:HOME OIL CO

Address:3511 N OHIO

Box:2609

City:WICHITA

State:KS

ZIP:67201

Country:US

Info Phone Num:316-838-4663

Emergency Phone Num:316-838-4663/800-633-8253 (PERS)

Preparer's Name:GENE TURNER

CAGE:0A9L8

=== Contractor Identification ===

Company Name:HOC INDUSTRIES, INC

Address:3511 N. OHIO

Box:2609

City:WICHITA

State:KS

ZIP:67219

Country:US

Phone:316-838-4663

CAGE:0A9L8

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

Ingred Name:SODIUM HYDROXIDE (CERCLA)(SARA 312)

CAS:1310-73-2

RTECS #:WB4900000

Fraction by Wt: 100.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:2 MG/M3 CEILING

ACGIH TLV:2 MG/M3 CEILING

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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

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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES: MAY CAUSE SEVERE
IRRIT/BURNS/IRREVERSEABLE DMAGE/BLINDNESS. SKIN: MAY CAUSE
BURNS/TISSUE DESTRUCTION. EFFECTS MAY BE DELAYED. INHALATION: MAY
CAUSE SEVERE IRRIT/BURNS/TISSUE DESTRUCTION/CHEMICAL
PNEUMONIA/LUNG/RESP TRACT DAMAGE. CHRONIC INHAL MAY CAUSE DECREASED
BREATHING CAPACITY/LUNG/RESP SYSTEM DAMAGE.**

Effects of Overexposure:NK **INGEST: MAY CAUSE SEVERE
IRRIT/BURNS/TISSUE ULCERATION/GI DAMAGE/EVEN DEATH. OVEREXPOSURE
MAY CAUSE DESTRUCTION OF ALL BODILY TISSUE.
Medical Condition Aggravated by Exposure:BLOOD, CIRCULATORY SYSTEM, LUNGS,
RESPIRATORY SYSTEM.

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

First Aid:EYE: IMMEDIATELY FLUSH WITH LOTS OF WATER >15 MIN HOLD EYELIDS OPEN.
SKIN:IMMEDIATELY FLUSH WITH LOTS OF WATER >15 MIN. REMOVE/WASH CONTAMINATED
CLOTHES/SHOES. CALL DR. INGEST:DON'T INDUCE VOMITING. RINSE MOUTH
WITH WATER. IF VOMITING SPONTANEOUSLY KEEP HEAD BELOW HIPS TO PREVENT
ASPIRATION. CALL DR.

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

Flash Point:NA
Lower Limits:NOT EST.
Upper Limits:NOT EST.
Extinguishing Media:APPROPRIATE FOR SURROUNDING FIRE. NOT CONSIDERED A
FIRE HAZARD.
Fire Fighting Procedures:PREVENT EXPOSURE/FUMES/SMOKE/COMBUSTION PRODUCT.
EVACUATE AREA. FIREFIGHTERS SHOULD WEAR FULL FACE SCBA/IMPERVIOUS
PROTECTIVE CLOTHES. DON'T USE DIRECT STREAM OF WATER.
Unusual Fire/Explosion Hazard:TOXIC FUMES MAY BE RELEASED.

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

Spill Release Procedures:EVACUATE NONESSENTIAL PEOPLE. REMOVE IGNITION
SOURCES.WEAR PROTECTIVE EQUIP.SHUT OFF LEAK SOURCE IF SAFE.CONTAIN
SPILL.REMOVE EXCESS PRODUCT.FLUSH SPARINGLY WITH WATER OR USE
ABSORBENT.AVOID RUN-OFF TO GROUND /SURFACE WATER/SEWERS.IF
FLAMMABLE/COMBUSTIBLE. USE***
Neutralizing Agent:DILUTED ACETIC ACID OR DILUTED HYDROXIDE

DROCHLORIC MURIATIC
ACID FOR ALKYLINE.****

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

Handling and Storage Precautions:KEEP AWAY FROM WATER OR ACID. FOR INDUSTRIAL USE ONLY. ADDITION OF WATER CAN CAUSE VIOLENT SPLASHING. CONTAINER HAZARDOUS WHEN EMPTIED.

Other Precautions:ALL LABELED HAZARD PRECAUTIONS MUST VE OBSERVED. DO NOT USE GLASS CONTAINER. KEEP CONTAINER CLOSED WHEN NOT IN USE. STORE IN COOL DRY PLACE. KEEP AWAY FROM CHILDREN. DESTROY CONTAM

LEATHER GOODS.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR CONDITIONS OF EXPOSURE. RESPIRATORY PROTECTION PROGRAMS MUSST BE IN COMPLIANCE W/OSHA 29 CFR 1910.134. FOR EMERGENCIES, A NIOSH/MSHA APPROVED POSITIVE PRESSURE S CBA SHOULD BE AVAILABLE.

Ventilation:ADEQUATE TO MINIMIZE EXPOSURE OR MAINTAIN EXPOSURE LEVELS BELOW TLV. LOCAL MECHANICAL MAY BE REQUIRED.

Protective Gloves:IMPERVIOUS
E

ye Protection:CHEM GOGGLES, FACE SHIELD, NO CONTACTS.

Other Protective Equipment:CHEM RESISTANT, RUBBER APRON/BOOTS. SAFETY SHOWER/EYEWASH/WASHING FACILITTTIES SHOULD BE READILY AVAILABLE. HELMET.*****

Work Hygienic Practices:NK*****BOOTS, AND COMPLETE PROTECTIVE BODY COVERING.

Supplemental Safety and Health

NONSPARKING TOOLS. IF REQ CALL STATE/LOCAL AUTHORITIES.MAY BE TOXIC TO FISH.*IF ACID THAN NEUTRALIZE W/HYDRATED LIME, SODA ASH, SODIUM BICARBONATE.

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

HCC:B1

Boiling Pt:B.P. Text:> OR =2530F

Melt/Freeze Pt:M.P/F.P Text:NOT EST.

Vapor Pres:NOT EST.

Vapor Density:NOT EST.

Spec Gravity:2.33

pH:13.0

Evaporation Rate & Reference:NOT EST.

Solubility in Water:50%

Appearance and Odor:SOLID, POWDER, CRYSTAL, FLAKE, GRANUAL; TABLET PRILL BRIQUETTE ETC. ODOR, NIL

Percent Volatiles by Volume:NE

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

Stability Indicator/Materials

to Avoid: YES

AMPHOTERIC METALS (ALUMINUM/COPPER, ZINC), BLEACHING AGENTS, ORGANIC ACIDS/NITROGEN COMPOUNDS, WATER, CHLORINE, OXYGEN*

Stability Condition to Avoid: NK *PERMANGANATES, PERCHLORATES, PERCARBONATES, PEROXIDES, PHROCATES, HYPOCHLORITES, NITRIC/SULFURIC ACIDS.

Hazardous Decomposition Products: FUMES OF METAL OXIDES.

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

Waste Disposal Methods: SOLIDS MUST BE DISPOSED OF IN PERMITTED HAZARDOUS WASTE MANAGEMENT FACILITIES. RECOVERED LIQUIDS MAY BE REPROCESSED OR INCINERATED. INCINERATE ONLY IN PERMITTED HAZ WASTE FACILITY. DISPOSE ACCORDING TO ALL FEDERAL, STATE, LOCAL REGULATIONS.

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