

SAFETY DATA SHEET

CONTINENTAL CHEMICAL CO.
4920 E. WASHINGTON BLVD.
COMMERCE CA. 90040

DATE: February 28, 2015
EMERGENCY PHONE
TRANSPORTATION: CHEMTREC: 800-424-9300
NON-TRANSPORTATION: HJB INC: 323-268-1288

SECTION I GENERAL INFORMATION

PRODUCT NAME: **H.D. DRY CAUSTIC CLEANER**

MANUFACTURER: CONTINENTAL CHEMICAL
HMIS: 301 J

SECTION II- HAZARDS IDENTIFICATION

CLASSIFICATION

GHS CLASSIFICATION:

SKIN CORROSION (CATEGORY 1A)
SERIOUS EYE DAMAGE (CATEGORY 1)
ACUTE AQUATIC TOXICITY (CATEGORY 3)

GHS LABEL ELEMENTS



PICTOGRAM:

SIGNAL WORD:

HAZARD STATEMENT:

DANGER

H314: CAUSES SEVERE SKIN BURNS AND EYE DAMAGE

H402: HARMFUL TO AQUATIC LIFE

PRECAUTIONARY STATEMENTS:

P280: WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION.
P303/P361/P353: **IF ON SKIN OR HAIR:** REMOVE ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/SHOWER

P305/P351/P338: **IF IN EYES:** RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES. CONTINUE RINSING.

P313: GET MEDICAL ATTENTION.

HMIS CLASSIFICATION:

HEALTH HAZARD: 3
FLAMMABILITY: 0
PHYSICAL HAZARDS: 1

NFPA RATING:

HEALTH HAZARD: 3
FIRE: 0
REACTIVITY HAZARD: 1

POTENTIAL HEALTH EFFECTS

INHALATION:	MAY BE HARMFUL IF INHALED. MATERIAL IS EXTREMELY DESTRUCTIVE TO THE TISSUE OF THE MUCOUS MEMBRANE AND UPPER RESPIRATORY TRACT.
SKIN:	MAY BE HARMFUL IF ABSORBED THROUGH SKIN. CAUSE SEVERE SKIN BURNS.
EYES:	CAUSE SEVERE EYE BURNS.
INGESTION:	TOXIC IF SWALLOWED. DO NOT INGEST.

SECTION III CHEMICAL COMPOSITION

COMPONENT	CAS#	CONCENTRATION
SODIUM HYDROXIDE	1310-73-2	80 - 85%

SECTION IV FIRST AID MEASURES

IF INHALED:	IF INHALED, MOVE PERSON INTO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. CONSULT A PHYSICIAN.
SKIN CONTACT:	TAKE OFF CONTAMINATED CLOTHING AND SHOES IMMEDIATELY. FLUSH SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CONSULT A PHYSICIAN.
EYE CONTACT:	FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND CONSULT A PHYSICIAN.
IF INGESTED:	DO NOT INDUCE VOMITING UNLESS INSTRUCTED TO DO SO BY A PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. RINSE MOUTH WITH WATER. CONSULT A PHYSICIAN.

SECTION V FIREFIGHTING MEASURES

FLAMMABILITY OVERVIEW:	CONSIDERED A NON-FLAMMABLE DRY POWDER.
FLASH POINT:	N/A
EXTINGUISHING MEDIA:	USE WATER-SPRAY, ALCOHOL-RESISTANT FOAM, DRY CHEMICAL, OR CARBON DIOXIDE.
SPECIAL PROTECTIVE EQUIPMENT:	WEAR A SELF-CONTAINED BREATHING APPARATUS (SCBA) FOR FIREFIGHTING, IF NECESSARY.
HAZARDOUS COMBUSTION PRODUCTS:	HAZARDOUS DECOMPOSITION PRODUCTS UNDER FIRE CONDITION: SODIUM OXIDES.

SECTION VI ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	USE PERSONAL PROTECTIVE EQUIPMENT. AVOID BREATHING VAPORS, MIST OR GAS. ALWAYS ENSURE ADEQUATE VENTILATION. EVACUATE PERSONNEL TO SAFE AREAS.
ENVIRONMENTAL PRECAUTIONS:	PREVENT FURTHER LEAKAGE OR SPILLAGE. PREVENT FROM ENTERING DRAINS AND

WATERWAYS. DISCHARGE INTO THE ENVIRONMENT MUST BE AVOIDED.

CONTAINMENT AND CLEAN UP: SOAK UP WITH INERT ABSORBENT MATERIAL AND DISPOSE OF AS HAZARDOUS WASTE. KEEP IN SUITABLE, CLOSED CONTAINERS FOR DISPOSAL.

SECTION VII HANDLING AND STORAGE

SAFE HANDLING: USE PERSONAL PROTECTIVE EQUIPMENT. AVOID BREATHING VAPORS, MIST OR GAS. ALWAYS ENSURE ADEQUATE VENTILATION.

SAFE STORAGE: KEEP CONTAINERS TIGHTLY CLOSE IN A DRY WELL VENTILATED PLACE. CONTAINERS WHICH ARE OPENED MUST BE CAREFULLY RESEALED AND KEPT UPRIGHT TO PREVENT LEAKAGE. STORE AWAY FROM INCOMPATIBLE MATERIALS.

SECTION VIII EXPOSURE CONTROLS/ PERSONAL PROTECTION

EXPOSURE LIMITS

<u>COMPONENT</u>	<u>CAS NUMBER</u>	<u>EXPOSURE LIMIT</u>	<u>BASIS</u>
SODIUM HYDROXIDE	1310-73-2	2 mg/m ³	ACGIH-TLV
		2 mg/m ³	OSHA TABLE Z-1
		2 mg/m ³	NIOSH EXPOSURE LIMITS

PERSONAL PROTECTIVE EQUIPMENT

EYE PROTECTION: WEAR TIGHTLY FITTING SAFETY GOGGLES AND FACE SHIELD. USE EQUIPMENT FOR EYE PROTECTION TESTED AND APPROVED UNDER NIOSH. HAVE EYE-WASH STATIONS AVAILABLE WHERE EYE CONTACT CAN OCCUR.

HAND PROTECTION: HANDLE WITH CHEMICAL-RESISTANT GLOVES. GLOVES MUST BE INSPECTED PRIOR TO USE. DISPOSE OF CONTAMINATED GLOVES. WASH AND DRY HANDS AFTER USE.

SKIN PROTECTION: WEAR COMPLETE SUIT PROTECTION AGAINST CHEMICALS, INCLUDING CHEMICAL-RESISTANT BOOTS. SAFETY SHOWERS SHOULD BE LOCATED IN THE WORK AREA WHERE SKIN CONTACT CAN OCCUR.

RESPIRATORY PROTECTION: WHERE RISK ASSESSMENT SHOWS AIR-PURIFYING RESPIRATORS ARE APPROPRIATE, USE A NIOSH-APPROVED FULL FACE RESPIRATOR WITH APPROPRIATE CARTRIDGES. RESPIRATORY PROTECTION MUST BE PROVIDED IN ACCORDANCE WITH OSHA 29 CFR 1910.134.

GENERAL CONTROLS: ALWAYS ENSURE ADEQUATE VENTILATION AND THAT WORKING AREAS CONTAINS SAFETY SHOWERS AND EYE WASH STATIONS. HANDLE MATERIAL IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICES.

SECTION IX PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	POWDER
COLOR:	WHITE
ODOR:	TYPICAL
pH (1%):	12.0 – 13.0
VAPOR PRESSURE:	NOT ESTABLISHED
BOILING POINT:	212°F
DENSITY (air = 1):	70 POUNDS PER CUBIC FEET
SPECIFIC GRAVITY:	N/A
SOLUBILITY IN WATER:	COMPLETE, HOT

SECTION X STABILITY AND REACTIVITY

CHEMICAL STABILITY:	STABLE UNDER RECOMMENDED STORAGE CONDITIONS.
MATERIALS TO AVOID:	AVOID WATER, ACIDS, STRONG OXIDIZING AGENTS, MOST METALS (ALUMINUM, LEAD, TIN, ZINC).
HAZARDOUS DECOMPOSITION:	SODIUM OXIDES

SECTION XI TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

<u>COMPONENT</u>	<u>CAS NUMBER</u>	<u>TEST</u>	<u>TOXICITY</u>
SODIUM HYDROXIDE	1310-73-2	ORAL LD50	NO DATA AVAILABLE
		DERMAL LD50	NO DATA AVAILABLE
		INHALATION LC50	NO DATA AVAILABLE

POTENTIAL HEALTH EFFECTS

INHALATION:	MAY BE HARMFUL IF INHALED. MATERIAL IS EXTREMELY DESTRUCTIVE TO THE TISSUE OF THE MUCOUS MEMBRANE AND UPPER RESPIRATORY TRACT.
SKIN:	MAY BE HARMFUL IF ABSORBED THROUGH SKIN. CAUSES SKIN BURNS.
EYES:	CAUSES SEVERE EYE BURNS.
INGESTION:	TOXIC IF SWALLOWED. DO NOT INGEST.
SYMPTOMS OF EXPOSURE:	BURNING SENSATION, NAUSEA, COUGH, WHEEZING, LARYNGITIS, SHORTNESS OF BREATH, SPASM, INFLAMMATION, AND EDEMA OF THE LARYNX. SPASM, INFLAMMATION, AND EDEMA OF THE BRONCHI, PNEUMONITIS, PULMONARY EDEMA, HEADACHE.
CHRONIC EFFECTS OF EXPOSURE:	NO DATA AVAILABLE
CARCINOGENICITY:	NO COMPONENTS OF THIS PRODUCT AT LEVELS GREATER THAN 0.1% IS IDENTIFIED AS CARCINOGENIC BY IARC, ACGIH, OR OSHA.

SECTION XII ECOLOGICAL INFORMATION

ACUTE ECOTOXICITY

COMPONENT
SODIUM HYDROXIDE

CAS NUMBER
1310-73-2

ORGANISM
BLUEGILL SUNFISH

ECOTOXICITY
48 hr LC50 =99mg/L

ECOLOGICAL EFFECTS

PERSISTENCE AND DEGRADABILITY: NO DATA AVAILABLE
BIOACCUMULATION POTENTIAL: NOT EXPECTED TO BIO-ACCUMULATE
MOBILITY IN SOIL: NO DATA AVAILABLE
OTHER ADVERSE EFFECTS: HARMFUL TO AQUATIC LIFE DUE TO THE INCREASE
pH OF THE WATER.

SECTION XIII DISPOSAL

DISPOSAL: SURPLUS AND NON-RECYCLABLE MATERIAL
SHOULD BE TREATED AS HAZARDOUS WASTE AND
BE DISPOSED OF BY A LICENSED DISPOSAL
COMPANY. DO NOT RELEASE INTO SEWERS OR
WATERWAYS.
CONTAMINATED PACKAGING: DISPOSE OF AS UNUSED PRODUCT.

SECTION XIV TRANSPORTATION

PRODUCT NAME: H.D. DRY CAUSTIC CLEANER
PROPER SHIPPING NAME: SODIUM HYDROXIDE SOLID
ID NUMBER: UN 1823
HAZARD CLASS OR DIVISION: 8
PACKING GROUP: II
DOT HAZARDOUS SUBSTANCE: SODIUM HYDROXIDE 1000 lbs (454 Kgs)

SECTION XV REGULATORY INFORMATION

US FEDERAL

SARA 302 COMPONENTS: NONE LISTED
SARA 311/312 HAZARDS: ACUTE HEALTH HAZARD
SARA 313 COMPONENTS: NONE LISTED
TSCA INVENTORY: SODIUM HYDROXIDE (CAS 1310-73-2)

EUROPEAN UNION

EC INVENTORY: SODIUM HYDROXIDE (EINECS 215-185-5)

STATE REGULATIONS

CA PROP 65: NONE LISTED

SECTION XVI OTHER INFORMATION

SDS VERSION: 1.0
REVISION DATE: 02/28/2015

SUPERSEDES:

NEW TO GHS

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