

"K-21100F
K-21100J
K-21100P"

SAFETY DATA SHEET

1081

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

DATE: May 12, 2015
EMERGENCY PHONE
TRANSPORTATION: CHEMTREC: 800-424-9300
NON-TRANSPORTATION: HJB INC: 323-268-1288

SECTION I GENERAL INFORMATION

PRODUCT NAME: SUPER CLEANER

MANUFACTURER: CONTINENTAL CHEMICAL
HMIS: 200 J

SECTION II- HAZARDS IDENTIFICATION

CLASSIFICATION

GHS CLASSIFICATION:

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

GHS LABEL ELEMENTS

PICTOGRAM:

SIGNAL WORD:

HAZARD STATEMENT:

DANGER
H304: MAY BE HARMFUL IF SWALLOWED AND
ENTERS AIRWAYS
H402: NOT HARMFUL TO AQUATIC LIFE
ASPIRATION HAZARD

PRECAUTIONARY STATEMENTS:

HMIS CLASSIFICATION:

HEALTH HAZARD: 2
FLAMMABILITY: 0
PHYSICAL HAZARDS: 0

NFPA RATING:

HEALTH HAZARD: 2
FIRE: 0
REACTIVITY HAZARD: 0

POTENTIAL HEALTH EFFECTS

INHALATION:

SKIN:

EYES:

INGESTION:

NO EMERGENCY CARE IS ANTICIPATED.
NO EMERGENCY CARE IS ANTICIPATED.
FLUSH EYES THOROUGHLY WITH WATER FOR
SEVERAL MINUTES.
TOXIC IF SWALLOWED. DO NOT INGEST.

SECTION III CHEMICAL COMPOSITION

COMPONENT	CAS#	CONCENTRATION
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	8 - 12%
POTASSIUM HYDROXIDE	1310-58-3	1 - 5%

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:	DO NOT USE WATER JET.
FLASH POINT:	> 212°F ASTM D93
EXTINGUISHING MEDIA:	USE DRY CHEMICAL, CARBON DIOXIDE, WATER FOG, FOAM, SAND OR EARTH.
SPECIAL PROTECTIVE EQUIPMENT:	WEAR A SELF-CONTAINED BREATHING APPARATUS (SCBA) FOR FIREFIGHTING, IF NECESSARY.
HAZARDOUS COMBUSTION PRODUCTS:	HAZARDOUS DECOMPOSITION PRODUCTS UNDER FIRE CONDITION: OXIDES OF CARBON.

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>
ETHYLENE GLYCOL	111-76-2	20 mg/m3	ACGIH-TLV
MONOBUTYL ETHER		240 mg/m3	OSHA TABLE Z-1
POTASSIUM HYDROXIDE	1310-58-3	1 mg/m3	TLV

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:	LIQUID
COLOR:	BLUE
ODOR:	TYPICAL
pH (as is):	11.5 – 12.5
VAPOR PRESSURE:	NOT ESTABLISHED
BOILING POINT:	> 212°F
VAPOR DENSITY (air = 1):	N/A
SPECIFIC GRAVITY:	1.01 – 1.03 @ 25°C
SOLUBILITY IN WATER:	COMPLETE

SECTION X STABILITY AND REACTIVITY

CHEMICAL STABILITY:	STABLE UNDER RECOMMENDED STORAGE CONDITIONS.
MATERIALS TO AVOID:	EXTREME TEMPERATURE AND DIRECT SUNLIGHT.
HAZARDOUS DECOMPOSITION:	STRONG OXIDIZING AGENTS, ACIDS OXIDES OF CARBON AND SOOT.

SECTION XI TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

<u>COMPONENT</u>	<u>CAS NUMBER</u>	<u>TEST</u>	<u>TOXICITY</u>
ETHYLENE GLYCOL	111-76-2	ORAL LD50 (Rat)	1300 mg/Kg
MONOBUTYL ETHER		SKIN-DRAIZE (Guinea Pig)	> 2000 mg/Kg
		INHALATION LC50	> 3.1 mg/L
POTASSIUM HYDROXIDE	1310-58-3	ORAL, LD50	NO DATA AVAILABLE

POTENTIAL HEALTH EFFECTS

INHALATION:	MAY BE HARMFUL IF INHALED.
SKIN:	BRIEF CONTACT MAY CAUSE SLIGHT SKIN IRRITATION WITH LOCAL REDNESS
EYES:	MAY CAUSE SEVERE EYE IRRITATION
INGESTION:	HARMFUL IF SWALLOWED. DO NOT INGEST.
SYMPTOMS OF EXPOSURE:	NONE
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

<u>COMPONENT</u>	<u>CAS NUMBER</u>	<u>ORGANISM</u>	<u>ECOTOXICITY</u>
ETHYLENE GLYCOL	111-76-2	RAINBOW TROUT	96 hr LC50= 1474 mg/L
MONOBUTYL ETHER			
POTASSIUM HYDROXIDE	1310-58-3	BLUEGILL SUNFISH	48 hr LC50= 99 mg/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: NONE

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: SUPER CLEANER
PROPER SHIPPING NAME: NOT REGULATED BY DOT
ID NUMBER:
HAZARD CLASS OR DIVISION:
PACKING GROUP:
DOT HAZARDOUS SUBSTANCE:

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: ETHYLENE GLYCOL MONOBUTYL ETHER
POTASSIUM HYDROXIDE

EUROPEAN UNION

EC INVENTORY: ETHYLENE GLYCOL MONOBUTYL ETHER
POTASSIUM HYDROXIDE

STATE REGULATIONS

CA PROP 65:

NONE LISTED

SECTION XVI OTHER INFORMATION

SDS VERSION:

1.0

REVISION DATE:

05/12/2015

SUPERSEDES:

NEW TO GHS

THE MANUFACTURER BASED ON ITS OWN DATA AND THE WORK OF OTHERS HAS ASSEMBLED THE INFORMATION IN THIS DATA SHEET. THE MANUFACTURER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AS TO THE ACCURACY, COMPLETENESS, OR ADEQUACY OF THE INFORMATION CONTAINED HEREIN. THE MANUFACTURER SHALL NOT BE LIABLE (REGARDLESS OF FAULT) TO VENDEE, THE VENDEE'S EMPLOYEES, OR ANYONE FOR ANY DIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF OR IN CONNECTION WITH THE ACCURACY, COMPLETENESS, ADEQUACY, OR FURNISHING OF SUCH INFORMATION.
