

MATERIAL SAFETY DATA SHEET

KCL-SUB-2
KCL SUBSTITUTE

1 HMIS HEALTH
0 HMIS FLAMMABILITY
0 HMIS REACTIVITY
B HMIS PERSONAL PROTECTION

SECTION I - IDENTIFICATION

COMPANY NAME..... B.B. CHEMICALS, INC. 16107 W. UNIVERSITY, ODESSA, TEXAS 79763
PHONE NUMBER..... 432-381-2595
EMERGENCY PHONE NUMBER 800-424-9300
EFFECTIVE DATE..... June 2003
TRADE NAME KCL-SUB-2
CHEMICAL FAMILY KCl Substitute
CAS NUMBER..... Blend
CHEMICAL FORMULA Confidential

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	%	TLV (Units)	PROD. CAS #
NOT HAZARDOUS AS DEFINED IN 29 CFR 1910.1200		NO DATA	Reference to 0CASNUM, CASNUM/41

SECTION III - PHYSICAL DATA

BOILING Point(F)..... 220° F
FREEZING POINT (F) -40° F
VAPOR PRESSURE (mm Hg)..... ND
VAPOR DENSITY (Air=1)..... ND
VOLATILITY/VOL(%) ND
SOLUBILITY IN H2O..... Soluble
APPEARANCE/ODOR Colorless to light yellow liquid, no distinguishable odor.
SPECIFIC GRAVITY (H2O=1)..... 1.02
DENSITY (G/ML)..... 468# / 55 gallon drum
PH..... Approx. 7.0

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT..... Above 200° F
LOWER FLAME LIMIT..... ND
HIGHER FLAME LIMIT..... ND
EXTINGUISH MEDIA Water fog or spray, Foam, Dry Powder, Carbon Dioxide (CO2).
UNUSUAL FIRE HAZARD Flammable liquid. Vapors can form an ignitable mixture with air. Vapors can flow along surfaces to a distant ignition source and flash back. Material can burn with little or no visible flame. Containers may explode from internal pressure if confined to fire. Cool with water. Keep unnecessary people away.

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SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE 25 ppm Based on Ethylene Glycol Monobutyl Ether

ROUTES OF ENTRY	INHALATION? Unknown	SKIN? Irritant	INGESTION? Irritant
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HEALTH HAZARDS Acute, Irritating to skin and eyes.

CARCINOGENICITY No	NTP? No	IARC MONOGRAPHS? No	OSHA REGULATED No
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OVER EXPOSURE EFFECTS Skin irritation develops slowly after contact. Eye irritation develops immediately upon contact.
FIRST AID PROCEDURES IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. GET MEDICAL ATTENTION. WASH CLOTHING BEFORE REUSE. IF SWALLOWED, DO NOT INDUCE VOMITING, GET IMMEDIATE MEDICAL ATTENTION.

SECTION VI - REACTIVITY DATA

CHEMICAL STABILITY Stable
CONDITIONS TO AVOID Strong oxidizing agents.
INCOMPATIBLE MATERIALS None currently known
DECOMPOSITION PRODUCTS Incomplete combustion may produce NOx and HCl
HAZARDOUS POLYMERIZATION Will not occur
POLYMERIZATION AVOID None

SECTION VII - SPILL OR LEAK PROCEDURE

FOR SPILL In case of spillage, absorb with inert material and dispose of in accordance with applicable regulations.
WASTE DISPOSAL METHOD Hazardous Waste. Follow Federal and State Regulations.

SECTION VIII - SPECIAL PROTECTION

RESPIRATORY PROTECTION Not Normally needed.
VENTILATION Desired in closed places
MECHANICAL EXHAUST Desired
LOCAL EXHAUST Desired in closed places
PROTECTIVE GLOVES Chemical Type suitable for hydrocarbon solvents.
EYE PROTECTION Chemical Goggles or Full Face Shield recommended
OTHER PROTECTIVE EQUIPMENT HMIS Personal Protection: B; Safety glasses and Gloves.

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SECTION IX - SPECIAL HANDLING AND DOT

HANDLING AND STORAGE..... Store in a cool place away from ignition sources. Store away from oxidizers or materials bearing a yellow DOT label.

PRECAUTIONARY MEASURES..... Keep away from heat, sparks and flame. Use with adequate ventilation. Do not breathe vapors avoid prolonged or repeated contact with skin. Do not breathe vapors. Avoid prolonged or repeated contact with skin.

HAZARD CLASS..... NOT REGULATED

DOT SHIPPING NAME NOT REGULATED

REPORTABLE QUANTITY (RQ)..... Not Applicable

UN NUMBER None

NA # None

PACKAGING SIZE..... Bulk and Drums

FOOT NOTES

N/A=NOT APPLICABLE - N/D=NO DATA
AVAILABLE <=LESS THAN - >=GREATER
THAN

PREPARED BY B. B. Chemicals, Inc. (915) 381-2595
REVISED DATE..... March 1999

product health and safety information is provided to assist our customers in assessing compliance with health, safety and environmental regulations. The information contained herein is based on data available to us, and is believed to be accurate, although no guarantee or warranty is provided or implied by the company in this respect. Since the use of this product is within the exclusive control of the user, it is the user's responsibility to determine the conditions of safe use. Such conditions must comply with all governmental regulations. All material in this product are produced in compliance with public law 94-469. (Also known as the "Toxic Substance Control Act" of 1976). **MUST COMPLY WITH ALL GOVERNMENTAL REGULATIONS. ALL MATERIALS IN THIS PRODUCT ARE PRODUCED IN COMPLIANCE WITH PUBLIC LAW 94-469. (ALSO KNOWN AS THE "TOXIC SUBSTANCE CONTROL ACT" OF 1976).**

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TRADE NAME KCL-SUB-2

SIGNAL WORD..... CAUTION!

STATEMENT OF HAZARD

DOT LABEL REQUIRED None

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ENVIRONMENTAL DATA SHEET

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SPECIAL NOTICE: In accordance with 40 CFR 372.45, this product contains the following materials which have been classified as TOXIC under SARA Title III, Section 313. This page is a part of the Material Safety Data Sheet describing the above named product and shall not be detached. Any reproduction or distribution of this Material Safety Data Sheet after January 1, 1989 must include this page.

SECTION XI - SARA TITLE III, SECTION 313

TOXIC CHEMICALS	%	PROD. CAS #
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SECTION X - ENVIRONMENTAL DATA

EPA HAZARD

CERCLA RQ VALUE..... NONE

SARA TPQ..... NONE

SARA RQ..... NONE

RCRA HAZARDOUS WASTE..... NONE

CLEAN AIR..... NA

CLEAN WATER..... NONE