

MATERIAL SAFETY DATA SHEET

H2S-102  
H2S SCAVENGER

2 HMIS HEALTH  
0 HMIS FLAMMABILITY  
0 HMIS REACTIVITY  
C 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..... February 2002  
TRADE NAME ..... H2S-102  
CHEMICAL FAMILY ..... H2S Scavenger  
CAS NUMBER..... Blend  
CHEMICAL FORMULA ..... Confidential

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	%	TLV (Units)	PROD. CAS #
Zinc Chloride	Conf.		7646-85-6

SECTION III - PHYSICAL DATA

BOILING Point(F)..... ND  
FREEZING POINT (F) ..... ND  
VAPOR PRESSURE (mm Hg)..... ND  
VAPOR DENSITY (Air=1)..... ND  
VOLATILITY/VOL(%) ..... N/D  
SOLUBILITY IN H2O..... Soluble  
APPEARANCE/ODOR..... Dark Liquid, Sulfonate Odor  
SPECIFIC GRAVITY (H2O=1)..... 1.16 - 1.18  
DENSITY (G/ML)..... 529# / 55 gallon drum  
PH ..... 4.4 - 4.5

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT..... 200 Degrees F.  
LOWER FLAME LIMIT..... ND  
HIGHER FLAME LIMIT..... ND  
EXTINGUISH MEDIA ..... Water fog or psray, foam, 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.

MATERIAL SAFETY DATA SHEET

H2S-102  
H2S SCAVENGER

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE .....

<b>ROUTES OF ENTRY</b>	<b>INHALATION?</b> Irritant	<b>SKIN?</b> Irritant	<b>INGESTION?</b> Nausea Vomiting
------------------------	--------------------------------	--------------------------	--------------------------------------

HEALTH HAZARDS ..... Ingestion of liquid will cause gastrointestinal distress, irritation, and possibly nausea. Liquid or vapors may be irritating to skin and eyes.

<b>CARCINOGENICITY</b> No	<b>NTP?</b> No	<b>IARC MONOGRAPHS?</b> No	<b>OSHA REGULATED</b> OSHA Table Z1
------------------------------	-------------------	-------------------------------	--

OVER EXPOSURE EFFECTS ..... Skin irritation develops slowly after contact. Eye irritation develops immediately upon contact. Signs of Inhalation Overexposure: Irritation of Respiratory Tract, Nervous System Depression, Headaches, Dizziness, Staggering Gait, Confusion, Unconsciousness.

FIRST AID PROCEDURES..... In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention. In case of skin contact immediately wash skin with soap and plenty of water. If irritation persists, contact a physician. If inhaled, remove fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing difficult, give oxygen. Get medical attention. If swallowed, do NOT induce vomiting and get IMMEDIATE medical attention.

SECTION VI - REACTIVITY DATA

CHEMICAL STABILITY ..... Stable  
CONDITIONS TO AVOID ..... None  
INCOMPATIBLE MATERIALS ..... Oxidizers or Oxidizing - Materials. Heat and open flame.  
DECOMPOSITION PRODUCTS ..... From Fire: Smoke, Sulphur Dioxide, Hydrogen Chloride, Zinc Oxide  
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 ..... NIOSH approved Organic Vapor Mask recommended  
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.

MATERIAL SAFETY DATA SHEET

H2S-102  
H2S SCAVENGER

---

---

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..... Corrosive

DOT SHIPPING NAME ..... CORROSIVE LIQUID, Zinc Chloride Solution, 8, UN1840, PGIII guide 154

REPORTABLE QUANTITY (RQ)..... 1000#

UN NUMBER ..... UN1840

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..... February 2002

This 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).

**MATERIAL SAFETY DATA SHEET**

**H2S-102  
H2S SCAVENGER**

TRADE NAME ..... H2S-102

SIGNAL WORD ..... CAUTION!

STATEMENT OF HAZARD ..... FLAMMABLE

DOT LABEL REQUIRED ..... Corrosive - Marine Pollutant

MATERIAL SAFETY DATA SHEET

H2S-102  
H2S SCAVENGER

ENVIRONMENTAL DATA SHEET

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..... February 2002  
TRADE NAME ..... H2S-102  
CHEMICAL FAMILY ..... H2S Scavenger

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 #
Zinc Chloride	Conf.	7646-85-6

SECTION X - ENVIRONMENTAL DATA

EPA HAZARD ..... FIRE  
CERCLA RQ VALUE..... 1000#  
SARA TPQ ..... NONE  
SARA RQ ..... NONE  
RCRA HAZARDOUS WASTE..... Toluene  
CLEAN AIR ..... NA  
CLEAN WATER..... CWA SECTION 311