

# MATERIAL SAFETY DATA SHEET

IDB-80  
Biocide

3 HMIS HEALTH  
1 HMIS FLAMMABILITY  
0 HMIS REACTIVITY  
H HMIS PERSONAL PROTECTION

---

## SECTION I - IDENTIFICATION

---

COMPANY NAME ..... B. B. Chemicals  
16107 West University  
Odessa, Texas 79769  
PHONE NUMBER ..... 432-381-2595  
EMERGENCY PHONE NUMBER..... 800-424-9300  
EFFECTIVE DATE ..... February 2012  
TRADE NAME ..... IDB-80  
CHEMICAL FAMILY ..... Aldehyde  
CAS NUMBER..... 111-30-8  
CHEMICAL FORMULA ..... Confidential

---

## SECTION II - HAZARDOUS INGREDIENTS

---

HAZARDOUS COMPONENTS	%	Exposure Limits (ACGIH STEL)	PROD. CAS #
Glutaraldehyde	15	0.05 ppm (ceiling)	111-30-8

---

## SECTION III - PHYSICAL DATA

---

BOILING Point (F)..... 213°F  
FREEZING POINT (F)..... 19°F  
SOLUBILITY IN H2O ..... Soluble  
APPEARANCE/ODOR ..... Clear liquid with sharp, fruity, medicinal odor  
SPECIFIC GRAVITY (H2O=1)..... 1.037  
DENSITY (lbs./gal) ..... 8.65  
DRUM WEIGHT (Pounds)..... 476 lbs per 55 gal drum  
PH ..... 3.0 to 4.5

---

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

---

FLASH POINT (TCC Method) ..... None  
Fire Fighting Media & Instructions..... Will not burn. Water fog, carbon dioxide, dry chemical or foam may be used to keep containers cool. Keep water runoff out of sewers and public water ways.  
UNUSUAL FIRE HAZARDS ..... **None.** Containers may explode from internal pressure, if confined to fire. Keep unnecessary people away.

# MATERIAL SAFETY DATA SHEET

IDB-80  
Biocide

## SECTION V - HEALTH HAZARD DATA

---

---

Potential Routes of entry:

**Inhalation**.....Breathing vapor or mist of this material is possible during normal handling. Vapors may cause severe irritation of the upper respiratory tract. Vapor from heated material may cause serious adverse effects, even death. Asthma-like symptoms may occur in people prone to respiratory disorders or other allergies.

**Skin**.....Wash exposed area with plenty of water and soap. Repeat washing. Remove contaminated clothing and wash thoroughly before reuse. Brief contact may cause skin irritation with local redness. Prolonged contact may cause skin burns. If irritation persists, consult a health care professional. Harmful if absorbed through skin.

**Ingestion**.....DO NOT INDUCE VOMITING UNLESS TOLD TO DO SO BY THE POISON CONTROL CENTER OR DOCTOR. Immediately contact poison control center (800-222-1222). Harmful if swallowed. Oral toxicity of glutaraldehyde increases with dilution. Drinking water following ingestion can enhance the toxicity. Swallowing may result in irritation or burns of the mouth, throat, and gastrointestinal tract.

**Eye Contact**.....Flush immediately with copious amounts of water for 30 minutes. Take exposed individual to a health care professional, preferably an ophthalmologist for further evaluation.

OVER EXPOSURE EFFECTS.....Skin irritation may develop slowly after contact. Eye irritation develops immediately upon contact.

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 to 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.

HEALTH HAZARDS .....Acute. Irritant to eyes, skin, and mucous membranes.

**CARCINOGENICITY**  
No

**NTP**  
No

**IARC MONOGRAPHS**  
No

**OSHA REGULATED**  
Yes

---

---

## SECTION VI - REACTIVITY DATA

---

---

CHEMICAL STABILITY .....Stable

CONDITIONS TO AVOID .....None

INCOMPATIBLE MATERIALS .....Strong acids and Bases.

DECOMPOSITION PRODUCTS .....Due to organic nature of material smoke may contain carbon dioxide, carbon monoxide, oxides of carbon and oxides of Nitrogen.

HAZARDOUS POLYMERIZATION .....Will not occur

**MATERIAL SAFETY DATA SHEET**

IDB-80  
Biocide

---

---

**SECTION VII - SPILL OR LEAK PROCEDURE**

---

---

FOR SPILL ..... In case of spillage, absorb with inert material and dispose of in accordance with applicable regulations. This material is hazardous to aquatic life. **DO NOT ALLOW MATERIAL TO ENTER WATERWAYS, SPILLWAYS, OR SEWERS.**

WASTE DISPOSAL METHOD..... Industrial Waste Follow 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 corrosive materials

EYE PROTECTION..... Chemical Goggles or Full Face Shield recommended

OTHER PROTECTIVE EQUIPMENT ..... HMIS Personal Protection: H: Chemical goggles, Chemical resistant Gloves, Vapor respirator, and synthetic apron or chemically resistant clothing.

---

---

**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..... Avoid prolonged or repeated contact with skin and avoid breathing vapors

HAZARD CLASS..... Not Regulated

DOT SHIPPING NAME..... Not Regulated

REPORTABLE QUANTITY (RQ) ..... None (Does not meet concentration requirements for Hazardous substances as in 49 CFR 178.1)

UN NUMBER..... None

ERG # ..... N/A

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  
REVISED DATE..... February 2012

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

IDB-80  
Biocide

TRADE NAME ..... IDB-80

SIGNAL WORD..... Caution

STATEMENT OF HAZARD ..... Caution

DOT LABEL REQUIRED ..... Not Regulated

### Notes:

Probable mucosal damage may contraindicate the use of gastric lavage. Due to irritant properties, swallowing may result in burns/ulceration of mouth, stomach and lower gastrointestinal tract with subsequent stricture. Aspiration of vomitus may cause lung injury. Suggest endotracheal/esophageal control if lavage is done. May cause asthma-like (reactive airways) symptoms. Bronchodilators, expectorants and antitussives may be of help. Glutaraldehyde may transiently worsen reversible airways obstruction including asthma or reactive airways disease. Maintain adequate ventilation and oxygenation of the patient. Treat bronchospasm with inhaled beta2 agonist and oral or parenteral corticosteroids. Chemical eye burns may require extended irrigation. Obtain prompt consultation, preferably from an ophthalmologist. Inhalation of vapors may result in skin sensitization. In sensitized individuals, reexposure to very small amounts of vapor, mist, or liquid may cause a severe allergic skin reaction. If burn is present, treat as any thermal burn, after decontamination. First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection) No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

Medical Conditions Aggravated by Exposure: Excessive exposure may aggravate preexisting asthma and other respiratory disorders (e.g. emphysema, bronchitis, reactive airways dysfunction syndrome).

**MATERIAL SAFETY DATA SHEET**

IDB-80  
Biocide

**ENVIRONMENTAL DATA SHEET**

---

---

**SECTION I - IDENTIFICATION**

---

---

COMPANY NAME ..... B. B. Chemicals  
16107 West University  
Odessa, Texas 79763  
PHONE NUMBER ..... 432-381-3595  
EMERGENCY PHONE NUMBER..... 800-424-9300  
EFFECTIVE DATE ..... February 2012  
TRADE NAME ..... IDB-80  
CHEMICAL FAMILY ..... Aldehyde

---

---

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 #

All components are listed on the TSCA Inventory. Registered pesticides are exempt from the requirements of TSCA.

---

---

**SECTION X - ENVIRONMENTAL DATA**

---

---

CERCLA RQ VALUE..... No componets of this product are present above the de minimus levels.

SARA TPQ ..... None  
SARA RQ ..... None

RCRA HAZARDOUS WASTE ..... No components of this product are listed.

CLEAN WATER..... This product **DOES** contain known marine pollutants. Discharges to any water source should be avoided at all times. In the event of a spill, proper prevention methods should be used to prevent accidental release into stream, lakes, or any public or private water system.

\*This product is a registered pesticide under FIFRA. EPA registration number – 1448-423-66562