CONFIDENCE 41C PBB

1 of 4 Page Revised 2/02/04 Replaces 8/12/03 Printed 2/03/04

MSDS ID: 4500163

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: CONFIDENCE 41C PBB Product Descriptor: WATER TREATMENT MANUFACTURER: JOHNSONDIVERSEY, INC.

3630 E. KEMPER ROAD CINCINNATI, OH. 45241 EMERGENCY PHONE NUMBER: (800)851-7145

II. HAZARDOUS COMPONENTS				
Component Name	CAS Number	%	Exposure Limits	Units
DIETHYLAMINO ETHANOL SODIUM HYDROXIDE	_0000.0	5 - 15% >30%	TWA 10 (skin) TLV-C 2	PPM MG/M3

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

CORROSIVE - Contains strong alkali. Causes severe burn to skin and eyes. May be fatal if swallowed. Do not contact eyes, skin or clothing. Wear goggles, face shield, rubber gloves, and protective clothing and boots when handling product. Avoid breathing dust or spray mist. Contain spill or runoff, which may cause environmental damage. Contact with aluminum or soft metals may release flammable hydrogen fumes.

POSSIBLE ROUTES OF ENTRY: Inhalation and ingestion.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Severe burns or irritation with pain, redness, swelling, and ACUTE: EYES:

blurred or impaired vision. SKIN: Burns, blisters or rash with pain and swelling. INGESTION: Burns or irritation to mouth, throat with pain, nausea and vomiting. INHALATION: Spray or mist causes severe irritation with pain, choking, and breathing difficulty.

CHRONIC: Same as acute effects.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Dermatitis or sensitive

TARGET ORGAN(S) OF CHEMICAL HAZARD(S): Eyes, skin, respiratory tract, and gastrointestinal tract.

IV. FIRST AID MEASURES

Immediately flush eyes with plenty of water for at least 15 EYES:

minutes. Hold eyelids apart to completely flush all chemicals from

entire eye surface. Get immediate medical attention.

Promptly flush skin with plenty of water for at least 15 minutes SKIN:

while removing contaminated clothing and footwear. Launder

contaminated clothing and discard or thoroughly clean shoes before

reuse. Get medical attention for painful, red or injured skin

areas.

CONFIDENCE 41C PBB

Page 2 of 4 Revised 2/02/04 Replaces 8/12/03 Printed 2/03/04

MSDS ID: 4500163

IV. FIRST AID MEASURES (Cont.)

INGESTION: If swallowed, rinse mouth with water. Dilute by drinking several

glasses of water. DO NOT induce vomiting. If patient vomits, rerinse mouth. Get immediate medical attention. NOTE: Never

give fluids by mouth to an unconscious person.

INHALATION: If inhaled, move to fresh air. If patient is not breathing, give

artificial respiration. If breathing is difficult, give oxygen under the direction of trained personnel or a physician. Get

immediate medical attention.

V. FIRE FIGHTING MEASURES

FLASH POINT (degrees F): NONE FLAME EXTENSION: N/A FLAMMABLE LIMITS IN AIR BY VOLUME: LEL: N/E UEL: N/E

UNUSUAL FIRE OR EXPLOSIVE HAZARDS: Toxic fumes or vapor may form during fire.

EXTINGUISHING MEDIA: Water spray, CO2, foam or dry powder.

FIRE FIGHTING INSTRUCTIONS: Wear full protective gear and positive pressure

breathing apparatus SCBA) in fire area.

SPECIAL INSTRUCTIONS: Spilled product may cause slippery surface and fall hazard.

VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED:

Contain spilled solids. Wear protective clothing. Sweep or shovel solids or powder into a non-reactive chemical waste container. Dispose of materials in accordance with local, State and Federal regulations. Flush spill area with water.

The Reportable Quantity (RQ) of Sodium Hydroxide CAS #1310-73-2 IS 380 gallons or 2632 lbs.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: Store in a cool, dry area, keep away from acids. Keep container closed when not in use. Wear protective gear when handling or using. Do not pressurize container to empty.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: Chemical goggles if contact or splash hazard exists. Face shields.

PROTECTIVE GLOVES: Alkali resistant.

RESPIRATORY PROTECTION: Not normally required.

OTHER PROTECTIVE CLOTHING/EQUIPMENT: Long sleeved shirt and clothing to cover exposed skin if contact hazard exists. Eyewash and safety shower in area if contact or splash hazard exists.

ENGINEERING CONTROLS:

VENTILATION: Good general ventilation should be sufficient to control airborne levels.

CONFIDENCE 41C PBB

3 of 4 Page Revised 2/02/04 Replaces 8/12/03 Printed

2/03/04

MSDS ID: 4500163

IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Cream to orange colored granules with amine odor.

BOILING POINT (DEG F): N/A FREEZING POINT: N/A

SPECIFIC GRAVITY/BULK DENSITY: 0.83

pH: N/A ph 1% SOLUTION: 12.6

VOLATILE BY VOLUME: 18%

SOLUBILITY IN WATER: Soluble

VAPOR PRESSURE(mmHq): N/A at N/A VAPOR DENSITY: N/A

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Product stable.

INCOMPATIBILITY WITH OTHER MATERIALS: Acids; Flammable liquids; Organic

halogens; Soft metals

HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion forms; oxides of

carbon; hydrogen gas; oxides of nitrogen; oxides of sulfur

HAZARDOUS POLYMERIZATION: None known.

XI. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL TESTING: Toxicological testing has not been performed on the product. Listed below is the available toxicology test data for components of the product.

TOXICITY TEST DATA:

Sodium Hydroxide:

Acute Oral LD50 (rat) 500 mg/kg (RTECS) Acute Skin LD50 (rabbit) 1350 mg/kg (MSI)

Diethylamino ethanol:

Intraperitoneal LD50 (rat) 1220 mg/kgDermal LD50 (rabbit) 1260 mg/kg Dermal LD50 (Guinea pig) 1000 mg/kg 1300 mg/kg Oral LD50 (rat) Intraperitoneal LD50 1561 mg/kg (mouse) Intramuscular LD50 416 mg/kg (mouse) Subcutaneous LD50 (mouse) 308 mg/kg

XII. ECOLOGICAL INFORMATION

Toxicological testing has not been performed on the product. Listed below is the available toxicology test data for components of the product.

ECOTOXICITY TEST DATA:

No data available.

ENVIRONMENTAL FATE: No data available.

XIII. DISPOSAL CONSIDERATIONS

RCRA REGULATED: Not Regulated.

Adjust pH of diluted product and discharge to industrial sewer in accordance with discharge permit or local POTW regulations. Use product in container until empty. Triple rinse container with water and add to process. Recycle

CONFIDENCE 41C PBB

Page 4 of 4 Revised 2/02/04 Replaces 8/12/03 Printed 2/03/04

MSDS ID: 4500163

XIII. DISPOSAL CONSIDERATIONS (Cont.)

or dispose of container according to product labeling or Federal, State or local regulations.

XIV. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up to date shipping information.

XV. REGULATORY INFORMATION

U.S. Federal Regulations:

TSCA: All ingredients in this product are on TSCA inventory.

HAPS: NONE

VOC CONTENT (EPA Method 24A): % VOC: 11.8% Lb/Gal VOC: 0.82

CERCLA/EPCRA:

Section 313 Toxic Chemicals:

NONE

SARA Section 311/312:

ACUTE:YES CHRONIC:NO FIRE:NO REACTIVITY:YES

SUDDEN RELEASE OF PRESSURE:NO

LISTED CARCINOGEN: None

NTP: NO IARC: NO OSHA: NO

HMIS RATINGS: HEALTH: 3 FIRE: 0 REACTIVITY: 1

PERSONAL PROTECTIVE EQUIPMENT: D

NFPA RATING: HEALTH: 3 FIRE: 0 REACTIVITY:1 SPECIAL:ALKALI

STATE RIGHT-TO-KNOW INFORMATION: SODIUM HYDROXIDE - CAS# 1310-73-2 SODIUM SULFITE - CAS# 7757-83-7

CASH //5/ 05 /

DIETHYLAMINO ETHANOL - CAS# 100-37-8

WATER - CAS #7732-18-5

SODIUM POLYMETHACRYLATE - CAS# 54193-36-1

CALIFORNIA PROPOSITION 65:

None of the ingredients are on the California proposition 65 list.

XVI. OTHER INFORMATION

Disclaimer: The information contained in this material safety data sheet is based on the knowledge of this specific product and current national legislation. It applies to the product as sold, use dilutions may be less hazardous. It may not be valid for this material if used in combination with any other materials or in a process. It is the user's responsibility to evaluate the handling, and use.