

# HB CHEMICAL COMPANY

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Date: June 7, 2008  
Replaces: Oct. 16, 2000

## MATERIAL SAFETY DATA SHEET

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### SECTION I CHEMICAL and COMPANY IDENTIFICATION

**PRODUCT:** *TP 95 Powder*  
**CHEMICAL NAME:** dibutoxyethoxyethyl adipate on silica carrier  
**COMMON/GENERIC NAME:** DBEEA  
**CHEMICAL FAMILY:** ESTERS in dry dispersion form  
**Distributor:** HB CHEMICAL COMPANY - Customer Service 800-991-2436  
**EMERGENCY NUMBERS:** CHEMTREC 800-424-9300  
CANUTEC(Canada) 613-996-6666

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### SECTION II COMPOSITION / INGREDIENT INFORMATION

	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
<b>COMPOSITION:</b> Dibutoxyethoxyethyl Adipate: 72%	None	None
C.A.S.# 141-17-3	established	established
Inert Carrier: 28%		

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### SECTION III/IV HAZARDS / FIRST AID PROCEDURES

**EMERGENCY OVERVIEW:** A white to off white powder, which may cause allergic skin and respiratory reactions. Causes eye and skin irritation. Ingestion and prolonged contact should be avoided.

**EYE:** Flush eyes with water for 15 min. Call a physician if irritation develops.

**SKIN:** Prolonged or repeated skin contact may cause irritation. Remove contaminated clothing and wash skin with soap and water. If in contact with hot product, treat as a burn.

**INGESTION:** Can cause nausea, vomiting, pain and general upset stomach conditions (e.g., diarrhea). Give 1-2 large glasses of water or milk. Induce vomiting by touching finger to back of throat. Never give anything by mouth to unconscious person. Seek medical attention.

**INHALATION:** Can be irritating to the eyes, nose and respiratory tract following prolonged exposure. Remove to fresh air; give artificial respiration or oxygen if necessary.

**TOXICITY:** No significant adverse effects expected. Not considered toxic/hazardous.

**CARCINOGENICITY:** Not listed by NTP, IARC or OSHA

**IN ALL CASES OF EMERGENCY, CONTACT A PHYSICIAN**

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### SECTION V FIRE AND EXPLOSION INFORMATION

**FLASH POINT** TP 95 component 153°C (307°F) COC

**FIRE-FIGHTING PROCEDURES:** Use Chemical foam, CO<sub>2</sub>, Dry Chemical, water fog. Treat as burning oil.

Keep drums as cool as possible to avoid expansion, explosions, and splattering.

**HAZARDOUS COMBUSTION PRODUCTS:** This product will decompose under extreme temperatures forming oxides of carbon.

**PROTECTIVE EQUIPMENT:** Full eye protection and protective clothing are required for all indoor/outdoor fires and spills.

Corporate Office:  
140 E. Ascot Lane  
Cuyahoga Falls, OH 44223

Tel. 330-920-8023  
Fax 330-920-0971

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## SECTION VI SPILLS AND ENVIRONMENTAL INFORMATION

**SPILL OR LEAK PRECAUTIONS:** Wear appropriate protective clothing, gloves and equipment. Eliminate all sources of ignition. Contain spill with inert absorbent or earth. Transfer to secure containers and dispose of according to local and state regulations. Thought should always be given to collecting the material in such a manner that it could be recycled. Clean/scrub affected area with detergent. Prevent run-off into sewers or natural waterways. Spills in excess of the RQ must be reported to the local emergency response organizations. Major spills should also be reported to the National Response Center. Spills with potential to contaminate coastal waterways must be reported to the U.S. Coast Guard (800-424-8802)

**WASTE DISPOSAL:** All containers should be effectively labeled to facilitate the appropriate disposal or reclaim.

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## SECTION VII HANDLING AND STORAGE

Store in sealed containers in dry, ambient temperature conditions (less than 110°F). Perform drum and tote filling in well-ventilated area wearing protective eye shields and clothing.

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## SECTION VIII EXPOSURE CONTROLS AND PERSONAL PROTECTION

**VENTILATION:** Use only where sufficient ventilation exists to keep exposure levels of fumes and dust below recommended levels.

**RESPIRATORY AND PERSONAL PROTECTION:** Respirators should be selected when TWA exceeded. Avoid hot vapors when mixing or packaging. Safety glasses with side shields; gloves, boots and apron as appropriate.

**FACILITIES:** There should be a shower facility and eyewash in the building where this product is being stored and handled. Exercise good chemical handling practice.

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## SECTION IX PHYSICAL AND CHEMICAL INFORMATION

Appearance: White powder

Specific Gravity @25°C = 1.181 ± 0.020

Vapor Pressure: ND

Viscosity cPs (25°C) = NA

Evaporation Rate: < 1 (butyl acetate=1)

Boiling Point: >150°C (302°F)

Refractive Index 25°C: 1.4450

Solubility in Water: <0.0005%

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## SECTION X STABILITY AND REACTIVITY

Under normal storage conditions, this product a) is stable; b) will not polymerize or exotherm; c) should be kept away from extreme heat, strong oxidizers and bases; d) this product decomposes under high temperature and hydrolyses in humid conditions.

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## SECTION XI TOXICOLOGICAL INFORMATION

Not Determined

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## SECTION XII ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** No information available.

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