

HB CHEMICAL CORPORATION

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Date: January, 2011
Replaces: June, 2005

Material Safety Data Sheet

SECTION I CHEMICAL and COMPANY IDENTIFICATION

PRODUCT: *BCHP*
CHEMICAL NAME: *Butylcyclohexyl phthalate*
COMMON/GENERIC NAME: None
CHEMICAL FAMILY: *Ester*
MANUFACTURER: HB CHEMICAL CORP. - Customer Service 330-920-8023
EMERGENCY NUMBERS: *CHEMTREC 800-424-9300*
CANUTEC(Canada) 613-996-6666

SECTION II COMPOSITION / INGREDIENT INFORMATION

	%	OSHA PEL	ACGIH TLV	CAS #
COMPOSITION: Butylcyclohexyl phthalate	>50	NA	NA	84-64-0
Dibutyl phthalate	<25	5 mg/m ³ TWA	5 mg/m ³	84-74-2
Dicyclohexyl phthalate		NA	NA	84-61-7

SECTION III/IV HAZARDS / FIRST AID PROCEDURES

EMERGENCY OVERVIEW: A clear colorless, oily liquid, which is not normally irritating or absorbed through the skin. Can be irritating to mucous membranes.

EYE: Can be irritating to mucous membranes and eyes. Flush eyes with water for 15 min. Call a physician if irritation develops.

SKIN: Can be mildly irritating to skin. Remove contaminated clothing and wash skin with soap and water. If in contact with hot product, treat as a burn.

INGESTION: Do not ingest. Do not induce vomiting. Never give anything by mouth to unconscious person. Seek medical attention.

INHALATION: Remove to fresh air; give artificial respiration or oxygen if necessary. High vapor concentration may be irritating to nose, throat, lungs and eyes.

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

SECTION V FIRE AND EXPLOSION INFORMATION

FLASH POINT 206°C (403°F) COC

FIRE-FIGHTING PROCEDURES: Use Chemical foam, CO₂, Dry Chemical. Water spray can be used to keep containers cool but is generally ineffective for direct fire suppression. Direct water will spread fire. 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: Fire fighters should wear self-contained breathing apparatus when

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exposed to smoke, fumes or decomposition products.

SECTION VI SPILLS AND ENVIRONMENTAL INFORMATION

SPILL OR LEAK PRECAUTIONS: Wear appropriate protective equipment and gloves. 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.

SECTION VII HANDLING AND STORAGE

Store in sealed containers in dry, ambient temperature conditions. Perform drum and tote filling in well-ventilated area wearing protective eye shields and clothing.

SECTION VIII EXPOSURE CONTROLS AND PERSONAL PROTECTION

VENTILATION: Use only where sufficient ventilation exists to keep exposure levels of fumes 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.

SECTION IX PHYSICAL AND CHEMICAL INFORMATION

Appearance: Clear, oily liquid
Specific Gravity @25°C = 1.08
Vapor Pressure: ND
Viscosity cPs (25°C) = 50

Evaporation Rate: << 1 (butyl acetate=1)
Boiling Point: Not Applicable
Refractive Index 25°C: Not Determined
Solubility in Water: <0.1%

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

SECTION XII

ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No information available.

SECTION XIII

DISPOSAL CONSIDERATIONS

Also see Sect. VI. The major consideration with esters and polyesters is the clean-up difficulty of these oily liquids. In larger spills, the potential for reclaiming the product should be considered and might dictate the type of containment and clean-up employed.

Incineration by a permitted hazardous waste facility in accordance with all regulatory requirements is the preferred method of disposal.

SECTION XIV

TRANSPORTATION INFORMATION

DOT: Environmentally Hazardous Liquid, N.O.S.,9,UN3082, PG 111, RQ (contains dibutyl phthalate), notify NRC/911. ERG #171

CANADA TRANSPORT HAZ.GOODS: Not Determined

AIR (IATA/ICAO): Not restricted. Use commercial label showing chemical name.

INTERNATIONAL: IMO – Non-hazardous. Label: Product trade-name and chemical description.

US CUSTOMS: - HARMONIZED TARIFF CODE: 2917.34.00.00

SECTION XV

REGULATORY INFORMATION

OSHA: hazardous chemical under 29 CFR 1200 (contains dibutyl phthalate)

SARA TITLE III: - 311/312 CATEGORIES: Immediate health hazard/ Delayed health hazard.

“ “ - 313: Reportable

CERCLA RQ: Reportable Quantity (RQ): 4.54 kg (10 lbs.) as dibutyl phthalate

TSCA REGULATORY: All intentional ingredients are listed in the TSCA Inventory.

RCRA Status: Hazardous Waste Code – U069

CANADA WHMIS HAZARD SYMBOL AND CLASS: Not Determined

CANADA INGREDIENT DISCLOSURE LIST: Does not contain any ingredients on the IDL. All intentional ingredients are on the DSL.

SECTION XVI OTHER INFORMATION

HMIS Label: Fire: 1
Health: 2
Reactivity: 0
Protection: C

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Prepared: January, 2008

The information presented herein, while not guaranteed, was prepared by technically knowledgeable personnel and to the best of our knowledge is true and accurate. It is not intended to be all inclusive and the manner and conditions of use and handling may involve other or additional considerations.

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