

MATERIAL SAFETY DATA SHEET

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GENERAL INFORMATION # : 314-647-1888
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I-PRODUCT IDENTIFICATION

CHEM BRITE

PRODUCT CODE:

CHEMICAL FORMULATION: Cleaning Compound, Solvent

NFPA HAZARD IDENTIFICATION SYSTEM:

HEALTH:

FLAMMABILITY:

REACTIVITY:

HAZARD RATING: 4- Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

II - HAZARDOUS INGREDIENTS

Hazardous Components (Specific Chemical Identity; Common Name (s))

	CAS No.	OSHA PEL	ACGIH TLV	Other Limits Recommended	% optional
DIETHYLENE GLYCOL MONOBUTYL ETHER	112-34-5	N/E	N/E	None	3

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling Level STEL: Short Term Exposure Limit
N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No
302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).
355: SARA TITLE III/ List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).
372: SARA TITLE III/ List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

III - PHYSICAL DATA

BOILING POINT (°f): 212°F, 100°C MELTING POINT: UNKNOWN
VAPOR PRESSURE (mm Hg): 29 @ 73°F SPECIFIC GRAVITY (H20=1): 1 APPROX.
VAPOR DENSITY (AIR=1) UNKNOWN
SOLUBILITY IN WATER: COMPLETE EVAPORATION RATE (Butyl Acetate =1): UNKNOWN
pH: 13.00
APPEARANCE AND ODOR: YELLOW LIQUID - CITRUS ODOR

IV - FIRE AND EXPLOSION HAZARD

FLASH POINT: NONE (TEST METHOD):
FLAMMABLE LIMITS: NONE UPPER: NOT RELEVANT LOWER: NOT RELEVANT
EXTINGUISHING MEDIA: CARBON DIOXIDE, FOAM/DRY CHEMICAL. AVOID WATER. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.
SPECIAL FIRE FIGHTING PROCEDURES: WEAR PROTECTIVE CLOTHING & NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. HAZARDOUS DECOMPOSITION PRODUCTS MAY BE FORMED.
UNUSUAL FIRE AND EXPLOSION HAZARD: MAY FORM TOXIC GASES.

V - REACTIVITY DATA

STABILITY: YES
INCOMPATIBILITY: STRONG ACIDS
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: OXIDES OF NITROGEN, CARBON MONOXIDE, CARBON DIOXIDE MAY BE FORMED.
MATERIALS TO AVOID: OXIDIZING AGENTS, STRONG ACIDS, NITRITES
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: EXCESSIVE HEAT

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VI - HEALTH AND HAZARD DATA

PRIMARY ROUTES OF EXPOSURE: EYES, SKIN, RESPIRATORY & GI TRACT

SIGNS AND SYMPTOMS OF OVEREXPOSURE (ACUTE): EYES/SKIN: MAY IRRITATE UPON DIRECT CONTACT. INHALE: MAY CAUSE RESPIRATORY TRACT IRRITATION IF MATERIAL BECOMES AIRBORNE. ORAL: UNKNOWN

SIGNS AND SYMPTOMS OF OVEREXPOSURE (CHRONIC): UNKNOWN

MEDICAL COND. AGGRAVATED BY EXP:

CARCINOGEN: NONE

EMERGENCY FIRST AID

IF IN EYES: FLUSH WITH WATER FOR 15 MINUTES. HOLDING EYELIDS OPEN.

IF ON SKIN: WASH WITH SOAP & WATER.

IF INGESTED: DO NOT INDUCE VOMITING. IF CONSCIOUS, RINSE MOUTH WITH WATER. DRINK WATER OR MILK. SEEK MEDICAL ATTENTION.

IF INHALED: REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED.

VII - SPILL AND LEAK PROTECTION

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: WEAR PROPER PROTECTIVE EQUIPMENT. VENTILATE AREA. STOP LEAK IF POSSIBLE. ABSORB SPILL WITH VERMICULITE OR SAND. PLACE IN SEALED CONTAINERS FOR DISPOSAL. WASH AREA WITH SOAPY WATER AND RINSE. SPILL AREA WILL BE SLIPPERY UNTIL CLEANED.

NEUTRALIZING AGENT: ACETIC ACID, CITRIC ACID, DILUTE PHOSPHORIC ACID

WASTE DISPOSAL METHOD: CONTACT FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATORS FOR GUIDANCE REGARDING PROPER DISPOSAL. IF pH IS 12.5 OR GREATER, THE MATERIAL IS DEFINED AS A HAZARDOUS WASTE WITH EPA WASTE NUMBER: D002.

PRECAUTIONS-HANDLING/STORAGE: STORE AT 40-100°F, IN A WELL-VENTILATED AREA, AWAY FROM INCOMPATIBLE MATERIALS. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

OTHER PRECAUTIONS: DO NOT GET IN EYES, ON SKIN, ON CLOTHING. AVOID BREATHING VAPORS/MIST. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN. DO NOT MIX WITH NITRATES OR NITRATE CONTAINING COMPOUNDS. WASH THOROUGHLY AFTER HANDLING.

VIII - SPECIAL PROTECTION INFORMATION

VENTILATION: USE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP FUME OR MIST LEVELS AS LOW AS POSSIBLE.

RESPIRATORY PROTECTION: NONE NORMALLY NEEDED. IF EXCESSIVE MISTING IS EXPECTED, WEAR WEAR NIOSH-APPROVED MIST RESPIRATOR.

PROTECTIVE GLOVES: NEOPRENE IF DIRECT CONTACT POSSIBLE.

EYE PROTECTION: SAFETY GLASSES/CHEMICAL SPLASH GOGGLES.

OTHER PROTECTIVE EQUIPMENT: SAFETY SHOWER & EYE WASH FOUNTAIN SHOULD BE LOCATED NEARBY. WEAR APPROPRIATE CLOTHING FOR RISK OF EXPOSURE.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: KEEP OUT OF REACH OF CHILDREN

OTHER PRECAUTIONS: NONE

WORK/HYGIENIC PRACTICES: OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES & RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING, DRINKING/SMOKING.

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