

MATERIAL SAFETY DATA SHEET

IDENTIFICATION

PRODUCT NAME: Helmet Liner Refreshner
STOCK NUMBER: MC19000
CHEMICAL NAME:
CHEMICAL FAMILY: Velour Cleaner
MANUFACTURER: Bike Brite, Inc.
7177 Industrial Park Blvd.
Mentor, OH 44060
(800) 927-4833

CHEMICAL/ PHYSICAL PROPERTIES

LIQUID SOLID POWDER AEROSOL OTHER _____

BOILING POINT: 212°F
FREEZING POINT: -11.7°F
SPECIFIC GRAVITY OR DENSITY (water=1): 0.9
SOLUBILITY IN WATER: Soluble
VAPOR PRESSURE: @70°F = 45
VAPOR DENSITY (air=1): 4.0
EVAPORATION RATE (butyl acetate=1): <1
VISCOSITY:
COLOR:
ODOR: Solvent
PH LEVEL: 12.0
OTHER PHYSICAL DATA: Appearance is clear

COMMENTS:

COMPOSITION IDENTIFICATION

PRODUCT CASE REG	COMP. WGT. %	ACGIH TLV		OSHA PEL		UNITS
		TWA	STEL	TWA	STEL	
Deionized Water 7732-18-5	80-90	NA	NE	NA	NE	NA
Isobutane 75-28-5	1-10	NA	NA	NA	NA	NA
2-Butoxyethanol 111-76-2	1-10	25 skin	NE	50 skin	NE	ppm
Anionic Surfactant Mixture	1-10	NE	NE	NE	NE	ppm
Chelating Agent 64-02-8	1-10	NE	NE	NE	NE	ppm

LISTED AS CARCINOGEN BY: N.T.P. I.A.R.C. O.S.H.A.

STABILITY & REACTIVITY

STABILITY: Yes
POLYMERIZATION:
HAZARDOUS POLYMERIZATION: Will not occur.
DECOMPOSITION: Ammonia. Carbon dioxide. Flammable hydrogen gas.
INCOMPATIBILITY: Acids aluminum brass, silver, copper, zinc, strong alkalis. Strong oxidizers
hypochlorites, reactive metals, metallic mercury.
CONDITIONS TO AVOID:

POTENTIAL HEALTH EFFECTS

EYES: Irritant. 2-Butoxyethanol may cause corneal injury and blood abnormalities.

SKIN: Irritant. May be absorbed through the skin with toxic effects. Will cause defatting of skin in which these effects are reversible

INGESTION: Aspiration hazard if swallowed.

INHALATION: Irritant of respiratory tract. Long term exposure (years) to high concentrations of vapor may cause lung, liver or kidney damage. May cause dizziness or narcosis in high vapor concentrations. The solvents listed have been reported to affect the central nervous system. Deliberate concentrating and inhaling the vapor of the contents may be harmful or fatal.

MEDICAL CONDITIONS AGGRAVATED BY LONG-TERM EXPOSURE: Heart disease, respiratory disorders, damage to spleen and testes.

FIRST AID MEASURES

EYES: Wash with water for about 15 minutes. Get medical help.

SKIN: Wash with water for about 15 minutes. Get medical help.

INGESTION: Do NOT induce vomiting. Get medical help.

INHALATION: Give oxygen.

EXPOSURE PROTECTION

RESPIRATORY: Use NIOSH approved respirator if TLV limit is exceeded.

VENTILATION: Local exhaust

HAND/SKIN: None required if spraying. Wash hands after use.

EYE: Safety glasses

SPECIAL EQUIPMENT: Long sleeves and long pants

OTHER: Do not smoke while using.

FIRE & EXPLOSION DATA

FLASH POINT: -160°F TCC

FLAMMABLE LIMITS (IN AIR % BY VOL.)

UPPER: 8.5

LOWER: 1.9

EXTINGUISHING MEDIA: Water fog, carbon dioxide, foam, dry chemical

UNUSUAL HAZARDS: Heated cans may burst.

SPECIAL SAFETY PROCEDURES: Keep containers cool. Use equipment or shielding required to protect against bursting or venting containers.

ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Use absorbent sweeping compound to soak up material. Put into container. Dispose as hazardous waste.

LARGE SPILL: Use absorbent sweeping compound to soak up material. Put into container. Dispose as hazardous waste.

TOXICOLOGICAL INFORMATION

T.S.C.A. STATUS:

COMMENTS:

ECOLOGICAL INFORMATION

ENVIRONMENTAL: No ozone depleting substances.
ECOTOXICOLOGICAL:

FEDERAL E.P.A. – COMPONENTS PRESENT IN THIS PRODUCT AT A LEVEL WHICH COULD REQUIRE REPORTING ARE:

HANDLING / STORAGE / DISPOSAL

HANDLING: Keep away from heat, sparks or open flame
STORAGE: Store at temperatures below 120°F.
WASTE DISPOSAL: Dispose as hazardous waste in accordance with EPA RCRA
GENERAL PROCEDURES: When spraying more than one half can continuously or more than one can consecutively, use NMIOSH approved respirator.

TRANSPORTATION INFORMATION

D.O.T. HAZARD CLASS: Consumer commodity, ORM-D
SHIPPING CONTAINERS: 14 ounce aerosol spray / 6 pack case

REGULATORY INFORMATION

UNITED STATES: California Proposition 65 – This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
SARA TITLE III
SARA TITLE III 313: 2-Butoxyethanol (CAS 111-76-2)
CERCLA:
FOREIGN

OTHER INFORMATION

N.F.P.A. CODES: Flammability=4, reactivity=0, health=2
N.F.P.A. 30B LEVEL: One (1)
H.M.I.S. CODES: Flammability=4, reactivity=0, health=2

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