

MANUFACTURER

Finger Lakes Chemicals, Inc.
 420 St. Paul Street
 Rochester, NY 14605
 1-800-876-0222
 EMERGENCY (585) 275-3232

MATERIAL SAFETY DATA SHEET

Hazard: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme.
 Protection: A-Goggles, B-Goggles & gloves,
 C-Goggles, gloves, & protective wear.
 Other: NA-Not Applicable, ND-Not Determined,
 NE-Not Established.

HAZARD RATING

Health 3
 Fire 2
 Reactivity 0
 Protection B

SECTION I DESCRIPTION

TRADE NAME: **Castle® Kleen Sweep™ Bug & Film Remover** PRODUCT TYPE: Windshield Cleaner Concentrate

SECTION II HAZARDOUS INGREDIENTS

INGREDIENT	CAS #	PEL	TLV	STEL	%
Isopropanol	67-63-0	400 ppm	NE	NE	<32.0
Aqua Ammonia	7664-41-7	50 ppm	NE	NE	<2.0
Glycol Ether EB	111-76-2	50 ppm	NE	NE	<2.0

SECTION III PHYSICAL DATA

BOILING POINT:	N/A	SPECIFIC GRAVITY (H ₂ O=1):	0.92-0.94	pH: 11.0-11.3
VAPOR PRESSURE:	N/A	PERCENT VOLATILE BY VOL %:	NE	
VAPOR DENSITY (air=1):	N/A	EVAPORATION RATE (Butyl Acetate=1):	<1	
SOLUBILITY IN WATER:	100%	APPEARANCE & ODOR:	Pink / Alcohol	

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (method used): NE ASTM D-65 LOWER EXPLOSIVE LIMIT: NE UPPER EXPLOSIVE LIMIT: NE
 EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, regular foam, or water spray.
 UNUSUAL FIRE & EXPLOSION HAZARDS: Heating of non-vented container may cause explosion. Vapors are heavier than air and may travel along ground.
 Ignition source distant from handling point may ignite vapors.
 SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus with a full-face piece operated in pressure-demand or other positive pressure mode. Keep surrounding containers cool with water spray.

SECTION V HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: Eye contact, skin contact, inhalation, and ingestion.
 EFFECTS OF OVEREXPOSURE: • Eyes: Irritation, redness. • Skin: May produce burns. • Inhalation: Liquid or spray mist may produce severe irritation of respiratory tract. • Ingestion: Nausea, vomiting, dizziness, headache, and/or blurred vision.
 EMERGENCY & FIRST AID PROCEDURES: • Eyes: Flush with large amounts of water for 15 minutes. Get medical attention. • Skin: Wash with soap and water until no odor remains. Remove affected clothing and wash before reuse. If redness or swelling develops, get medical attention. • Inhalation: Remove to fresh air. If not breathing, give artificial respiration provided a qualified individual is available. Get medical attention promptly. • Ingestion: Do NOT induce vomiting. Do NOT give liquids. Obtain emergency medical attention. Small amounts that accidentally enter mouth should be rinsed out until taste is gone.

SECTION VI REACTIVITY DATA

STABILITY: Stable under normal conditions.
 INCOMPATIBILITY (material to avoid): Highly reactive with metals; reactive with acids; slightly reactive with oxidizing agents.
 HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.
 HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and asphyxiants may be formed during combustion.

SECTION VII SPILL OR LEAK PROCEDURES

IF RELEASED OR SPILLED: Dike or pill area. Remove all sources of ignition. Ventilate area if necessary. Absorb free liquid with earth, sand, clay, or absorbent pads and place in non-leak containers for disposal. Flush area for trace residue and dispose of as below.
 WASTE DISPOSAL METHOD: Dispose in accordance with federal, state, and local regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION

VENTILATION: LOCAL XXXXX MECHANICAL OTHER
 RESPIRATORY PROTECTION: Normally not needed in a well-ventilated area.
 EYE PROTECTION: Goggles or safety glasses.
 PROTECTIVE GLOVES: Rubber gloves.
 OTHER PROTECTIVE EQUIPMENT: As needed to minimize exposure.

SECTION IX SPECIAL PRECAUTIONS

HANDLING & STORING PRECAUTIONS: Store away from heat, open flame, or any other source of ignition. DO NOT take internally.

PREPARED: 3/18/09

UPDATED: 1/7/11

PRODUCT#: C1605-6