

MATERIAL SAFETY DATA SHEET

Prepared pursuant to 29 CFR §1910.1200(g)

SECTION 1: PRODUCT INFORMATION

Product Name LIFT OFF MULTI-PURPOSE NON-EMULSIFYING DEGREASER (Product No. 970)
Manufacturer Crown Chemical, Inc. Address 4701 W. 136th Street Crestwood, IL 60445
Emergency Telephone Number (708) 371-6990

SECTION 2: HAZARDOUS INGREDIENTS

Chemical Name (Common Name)	CAS No.	%*	OSHA PEL	ACGIH TLV	SARA Title III Designation**
Aliphatic Hydrocarbon	68551-17-7		NE	Same	No

*Optional

**Subject to Reporting Requirements Under Section 313 of SARA Title III and 40 CFR Part 372. Upper Bound Percentage by Weight Provided.

Ingredients Listed as Carcinogens or Potential Carcinogens: None Listing Source: NTP IARC OSHA Animal Data

SECTION 3: PHYSICAL CHARACTERISTICS

Boiling Point >150 F Specific Gravity (H2O=1) <1 Vapor Density (Air = 1) >1 Vapor Pressure NE
pH (concentrate) NA Solubility in Water Insoluble Evaporation Rate (nBuAc = 1) <1
Appearance and Odor Blue liquid with citrus odor

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash Point (TCC) >100 F Flammable Limits NE Extinguishing Media Foam, water spray or fog
Special Firefighting Procedures Wear full protective equipment and self-container breathing apparatus. Carbon monoxide may evolve.
Unusual Fire and Explosion Hazards Keep adjacent containers cool by spraying with water. Do not use water in a jet.

SECTION 5: REACTIVITY HAZARD DATA

Stability 100% Incompatibilities Acids, halogens, alkalis.
Hazardous Polymerization Will not occur Hazardous Decomposition By-Products Carbon monoxide

SECTION 6: HEALTH HAZARDS AND FIRST AID

Primary Exposure Routes: X Eye X Skin Inhalation Ingestion
Acute Effects IRRITANT. Contains petroleum solvents. May cause irritation to eyes and skin. Vapors may cause irritation and/or burns to nasal passages and respiratory tract. Harmful or fatal if swallowed.
Chronic Effects None known.
Medical Conditions Aggravated by Exposure Preexisting conditions.
First Aid Procedures EYES: Flush immediately with copious amounts of water. Remove any contact lenses. Hold eyelid open and roll eyeball in all directions while flushing. Continue flushing for 15 minutes. Seek immediate medical attention. SKIN: Immediately flush affected area with large quantities of soapy water. Continue flushing for 15 minutes. Seek medical attention if irritation persists. INGESTION: Rinse out mouth, then drink large quantities of water. Do not induce vomiting. Seek immediate medical attention.

SECTION 7: CONTROL AND PROTECTIVE MEASURES

Respiratory Protection Vapor mask where needed to prevent inhalation of vapors. Protective Gloves Waterproof recommended.
Eye Protection Chemical splash goggles recommended. Do not wear contact lenses while handling this product.
Other Protective Clothing and Equipment None required.
Hygienic Work Practices Avoid splashing. Never mix this product with other chemicals. Used with adequate ventilation.
Ventilation Local exhaust to keep exposure below any PEL and TLV limits listed above.

SECTION 8: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Followed if Spilled or Released Neutralize with water. Mop up, sweep up, or otherwise absorb. Hold for disposal.
Waste Disposal Methods Promptly dispose of empty containers by any method which complies with applicable laws.
Storage Requirements Keep out of reach of children. Store between 50-120 F. Keep away from heat, spark or open flame.
Other Precautions or Special Hazards Wash contaminated clothing and shoes before reuse.

The information and recommendations contained herein are believed to be reliable, but are given without warranty or guarantee of any kind, express or implied. The hazards provided in this Material Safety Data Sheet apply to this product in its concentrated form, and may differ significantly after dilution.

Date Prepared: January 1, 2011

NIPCA Hazardous Material Identification System	0 = Least
	1 = Slight
	2 = Moderate
	3 = High
	4 = Severe
HEALTH.....2	NA = Not Applicable
FLAMMABILITY.....2	NE = Not Established
REACTIVITY.....0	
PROTECTIVE EQUIPMENT.....B (See Section 7)	