

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION

HMIA Rating: Health-2; Flammability-4; Reactivity-1; Personal Protection-B		Identity (trade name as used on label): Engine Degreaser Spray	
Manufacturer's Name: MKG Sales Associates, Inc. Address: 409 Bloomfield Dr. Unit #5 W. Berlin, NJ 08091		MSDS Number: 2055500	
Date Prepared: 08/14/97	Prepared By: RR	NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA	
Information Calls: (609)753-7111		EMERGENCY RESPONSE NUMBER: 800-255-3924	

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	% Wt.	313/Chem	Skin	Carcinogen	PEL	TWA/ TLV
Isoparaffinic Hydrocarbon	64741-66-8	40-60	No	No	No	400 ppm	400 ppm
Polytetrafluoroethylene	9002-84-0	01-05	No	No	No	10mg/m3	10mg/m3
Liquefied Petroleum Gas	68476-85-7	40-60	No	No	No	1000 ppm	1000 ppm

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: ~300 F	Specific Gravity (H2O=1)@75 F: 0.720
Vapor Pressure of can (psig @70 F): 45	Appearance and Odor: Clear liquid, solvent odor
Vapor Density (Air = 1): >1	Total VOC%: ~95%
Solubility in Water: Slight	pH: N/A

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY (as per USA Flame Projection Test) : Extremely Flammable Spray	EXTINGUISHER MEDIA: Foam, CO2, Dry Media
FLASH POINT (of Concentrate Only): 49 F (TOC)	SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.
Unusual Fire & Explosion Hazards: Exposure to temperature above 120 F may cause burning.	

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	HAZARDOUS POLYMERIZATION <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR
Incompatibility (Mat. to avoid): Avoid contact with strong oxidizing agents.	Conditions to Avoid: None
Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide	

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: Eye, Skin, Inhalation, Ingestion	
Inhalation: Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects.	
Eye Contact: May cause slight irritation but does not injure eye tissue.	Skin Contact: Frequent or prolonged contact may cause irritation.
Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis. Minimal toxicity.	

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately.
Skin Contact: Wash with soap and water. If irritation persists seek medical attention.
Inhalation: Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration.
Ingestion: Do not induce vomiting. Seek medical attention immediately.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): None needed for proper use in accordance with label directions.	
Protective Gloves: None needed for proper use in accordance with label directions. Use chemical resistant gloves if hand contact will be made.	Eye Protection: None needed unless it is anticipated that a splash or spray back will occur, then wear safety glasses or chemical proof goggles.
Ventilation Requirements: Provide local exhaust to keep TLV of Section II ingredients below acceptable limits.	

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken If Material Is Spilled Or Released: Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State and local laws.
Waste Disposal Methods: Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, State and local authorities for approved procedures.
Precautions To Be Taken In Handling & Storage: For industrial and institutional use only. Store in a cool, dry area away from heat or open flame. Do not store at temperatures above 120 F.
NFPA Code 30B Rating: Level 3 Aerosol.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.
 ** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only