

MATERIAL SAFETY DATA SHEET

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HMIS HAZARD RATING	
HEALTH	1
FIRE	2
REACTIVITY	0
PERSONAL PROTECTION	C

DATE OF PREPARATION
OCTOBER 6, 2005
BY TECHNICAL SERVICES

DATE OF REVIEW/UPDATE
MAY 5, 2008

SECTION 1 - PRODUCT IDENTIFICATION

ITEM NUMBER
2109
PRODUCT NAME
TECHNICIAN'S CHOICE ECP 380 OVERSPRAY REMOVER
PRODUCT CLASS
SOLVENT DEGREASER

SECTION 2 - HAZARDOUS INGREDIENTS

INGREDIENT CAS NUMBER	MAX. % BY WT.	TLV ¹	PEL ²
ALIPHATIC HYDROCARBON 64742-88-7	90-95	100ppm	100ppm

Listed as IARC, NTP, or OSHA Carcinogen: None

SECTION 3 - PHYSICAL CHARACTERISTICS

BOILING POINT: 355F
VAPOR PRESSURE(mmHg @ 68F) 0.5
VAPOR DENSITY(AIR=1) 5.5
SOLUBILITY IN WATER: MISABLE
SPECIFIC GRAVITY: 0.79+/-0.05
% VOLATILE (VOLUME) 97+/-0.2
MELTING POINT: NOT APPLICABLE
EVAPORATION RATE(ether=1) 151
APPEARANCE AND ODOR: WATER CLEAR LIQUID, SOLVENT ODOR

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT / METHOD: 142 F / TCC
FLAMMABLE LIMITS: LEL: 1.0 UEL: 6.0
EXTINGUISHING MEDIA: Water fog, dry chemicals or carbon dioxide.
SPECIAL FIRE FIGHTING PROCEDURES:
Full protective equipment including self contained breathing apparatus for confined areas.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
Vapors are heavier than air. Treat as petroleum fire.

SECTION 5 - HEALTH HAZARD DATA

SYMPTOMS OF OVEREXPOSURE:
EYES: Can cause irritation, redness, blurred vision.

SKIN: Prolonged or repeated contact can cause moderate irritation, defatting dermatitis and burns.

INHALATION: Excessive breathing of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness and even death. High levels may also cause cardiac arrhythmia (irregular heartbeats).

INGESTION: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration into the lungs can cause chemical pneumonitis which can be fatal.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE;

Exposure to aliphatic hydrocarbons (or it's components) has been found to cause kidney damage in male rats. The mechanism by which this toxicity occur is specific to the male rat and the kidney effects are not expected to occur in humans.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION Remove exposure. Restore breathing. Keep warm and quite.
SKIN Wash affected area with soap and water. Remove contaminated clothing and launder before reuse.
EYES Flush with large amounts of water. Get medical attention.
IF SWALLOWED Never give anything by mouth to an unconscious person. DO NOT INDUCE VOMITING. Give several glasses of water. Seek medical attention.

SECTION 6 - REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY: Strong oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS: Various hydrocarbons of incomplete combustion.
HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 7 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR LEAKED:
Remove all sources of ignition. Contain spill. Ventilate and remove with inert absorbent.
WASTE DISPOSAL METHOD:
Waste from this product may be hazardous as defined by the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Dispose of in accordance with federal, state and local regulations.

SECTION 8 - SPECIAL PROTECTION INFORMATION

VENTILATION:
Use only with adequate ventilation. Avoid breathing vapor or mist. Local exhaust preferred.
RESPIRATORY PROTECTION:
If required a properly fitted NIOSH/MSHA approved respirator rated for the hazardous ingredients found in (SECTION 2).
SKIN PROTECTION:
Gloves rated for protection against ingredients in (SECTION 2).
EYE PROTECTION:
Safety glasses with side shields or chemical goggles.

SECTION 9 - PRECAUTIONARY INFORMATION

PRECAUTIONS TO BE TAKEN IN STORING AND HANDLING:
Contents may burn. Keep away from any heat or spark source. Do not smoke. Empty containers can contain explosive vapors. Never use a torch to cut or weld on or near container. Never wear oil soaked clothing. Launder or dry-clean before wearing. Discard oil soaked shoes. Affix proper warning labels on containers in accordance with 29CFR 1010.1200.

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SECTION 10 - REGULATORY INFORMATION

D.O.T. REQUIREMENTS (49CFR 172.101)

The following is not required by D.O.T. when shipped in containers less than 119 gallons, except when shipped by vessel or aircraft. A flammable classification is required when shipped by vessel or aircraft.
(See CFR29 173.150)

COMPOUND, CLEANING LIQUID, (PETROLEUM DISTILLATES), 3, NA1993, III

RQ (REPORTABLE QUANTITY) 49CFR 172.101

COMPONENT	RQ (lb.)	FOR THIS PRODUCT
None		

TSCA (Toxic Substances Control Act) Status

The intentional ingredients of this product are listed.

CERCLA RQ - 40CFR 302.4

None

SARA 302 COMPONENTS - 40CFR 355 Appendix A

None

SECTION 311/312 HAZARD CLASS - 40CFR 370.2

Immediate	(X)	Reactive	()
Delayed	(X)	Sudden Release of Pressure	()
Fire	(X)		

SARA 313 COMPONENTS - 40CFR 372.65

None

WORKPLACE HAZARDOUS INFORMATION SYSTEM (WHMIS)

INGREDIENT	MAX. %	LD50	BY WT.
			LC50

PETROLEUM DISTILLATES	95	unknown	3400ppm/4hr inhl-rat
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The information contained herein is based on data we believe to be correct. Any use of the product which is not in conformance with this MSDS or which involves using the product in combination with any other product or any process is the responsibility of the user.

¹ ACGIH

² OSHA