

# MATERIAL SAFETY DATA SHEET

ECP INCORPORATED  
11210 KATERINE'S CROSSING, SUITE 100  
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HMIS HAZARD RATING	
HEALTH	1
FIRE	2
REACTIVITY	0
PERSONAL PROTECTION	C

DATE OF PREPARATION  
JANUARY 9, 2006  
BY TECHNICAL SERVICES

DATE OF REVIEW/UPDATE  
FEBRUARY 26, 2008

## SECTION 1 - PRODUCT IDENTIFICATION

ITEM NUMBER

**1346**

PRODUCT NAME

**TECHNICIAN'S CHOICE TEC375/86 SUPER SOLVENT DEGREASER**

PRODUCT CLASS

SOLVENT DEGREASER

## SECTION 2 - HAZARDOUS INGREDIENTS

INGREDIENT CAS NUMBER	MAX. % BY WT.	TLV <sup>1</sup>	PEL <sup>2</sup>
ALIPHATIC HYDROCARBON 64742-88-7	<92	100ppm	100ppm
1,2,4-TRIMETHYLBENZENE 95-63-6	<1	25ppm	25ppm

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:	MISCABLE
SPECIFIC GRAVITY:	0.77+/-0.05
% VOLATILE (VOLUME)	99+/-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:** 141 F / TTC  
**FLAMMABLE LIMITS:** LEL: unknown UEL: unknown  
**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

EFFECTS OF OVEREXPOSURE:

EYE: Irritation of eyes. Prolonged contact can cause severe irritation, redness, tearing, blurred vision.

SKIN: Dryness, redness and itching or a burning sensation.

INHALATION: Irritation of respiratory system headache, dizziness, nausea, fatigue and loss of coordination are indications of overexposure to vapors or mists.

INGESTION: Gastrointestinal irritation, vomiting, diarrhea.

Aspiration can cause chemical pneumonitis which can be fatal.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Dermatitis. Alcohol consumption may increase adverse affects.

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. 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 is hazardous (D001) 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:

Properly fitted NIOSH/MSHA approved respirator for ingredients found in (SECTION 2) if TLV is exceeded.

SKIN PROTECTION:

Gloves rated for protection against ingredients in (SECTION 2).

**EYE PROTECTION:**

Safety glasses with side shields or chemical goggles.

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SECTION 9 - PRECAUTIONARY INFORMATION  
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**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  
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**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  
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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**

COMPONENT CAS NUMBER MAXIMUM PERCENT  
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1,2,4-TRIMETHYLBENZENE 95-63-6 10

**WORKPLACE HAZARDOUS INFORMATION SYSTEM (WHMIS)**

INGREDIENT MAX. % LD50 LC50  
BY WT.  
PETROLEUM DISTILLATES 90 unknown 3400ppm/4hr  
inhl-rat  
1,2,4-TRIMETHYLBENZENE 10 LDip 2.0ml/kg  
oral-rat

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The information contained herein is based on data we believe to be correct. Any use of the product that 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.

<sup>1</sup> ACGIH

<sup>2</sup> OSHA