



## T2 Laboratories Inc.

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### Product Data Sheet

T2 Labs Product Code: ULP

UltraPrep™

Last Revision: 25 May 2001

## Description

UltraPrep™ is an ultra-high-purity terpene hydrocarbon solvent for use in precision cleaning and processing applications. Because it has been produced from natural citrus oils, it contains no toxic impurities or regulated chemicals. UltraPrep™ contains special inhibitors to insure that it evaporates clean, leaving virtually zero non-volatile surface residue. Like most terpene solvents, UltraPrep™ is compatible with all metals, and some plastics, but few elastomers. It is water insoluble and exhibits no pH. It is biodegradable, has a low evaporation (VOC release) rate, and has low mammalian toxicity.

## Use Information

UltraPrep™ can be used as a hand-wipe solvent, in immersion cleaning systems, in solvent purging operations, as a rubber tackifier, and as a reaction solvent. It is not water soluble or dilutable, and is not chemically reactive with water or other solvents. It is ideal for cleaning painted surfaces (fully cured), and for use in pre-paint surface preparation.

## Physical Data

Appearance:	Clear Liquid
Color (PtCo or APHA):	30 max. (colorless to very light amber)
d-Limonene Content (wt% by GC):	99 min.
Density (lb/gal @ 25°C):	7.01
Flash Point (°F, TCC)	120
NVR (non volatile Residue on evaporation)	nil
Odor:	mild citrus
Solubility in Water (wt%):	nil
Specific Gravity (25°C):	0.840
VOC Content (g/liter @ 25°C):	840
Volatiles, % by Volume:	100%

## Safety Data

NFPA Rating:	Health - 0 Flammability - 2 Reactivity - 0
HMIS Rating:	Health - 2 Flammability - 2 Reactivity - 1 Personal Protective Equipment - C
Flash Point (TCC):	120°F (49°C)
Flammability Limits in Air:	Lower 0.7% est'd, Upper 6.1% est'd

## Environmental Data

VOC content, grams/liter:	840
LD <sub>50</sub> (rat oral, mg/kg):	>5000
RCRA Hazard Class:	Combustible
EPA Priority Pollutants:	None
SARA III §302 and §313 Toxicants	None
Ozone Depleting Chemicals:	None
California Prop 65 carcinogens, mutagens, or teratogens	None

## Transportation Data

Net Drum Weight (pounds):	390
Proper Shipping Name (55 gal drums via ground):	Chemicals n.o.i, Not regulated
Proper Shipping Name (bulk):	Terpene hydrocarbons n.o.s. , 3, UN2319, PG III

## MSDS and Emergency Response Information

Contact T2 Labs during normal business hours for further information and to obtain a current Material Safety Data Sheet. For product and safety data after hours, visit our web site at <http://www.T2Labs.com>. For 24 hour emergency response instructions or to receive a MSDS via fax after hours, contact Chem•Tel at 800-255-3924 in North America, or 813-979-0626 (collect) worldwide.