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Product Data Sheet

CycloSolv™

T2 Labs Product Codes: CYS

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Description

CycloSolv™ is a safe, high-performance cleaning solvent based on next-generation synthetic terpene hydrocarbon analog chemistry. It is an excellent replacement for terpenes, paraffins, isoparaffins, and other blended hydrocarbons used in parts washing, hand-wipe cleaning, and precision cleaning applications.

CycloSolv™ has a high flash point (>141°F TCC) and therefore does not become an ignitable hazardous waste under RCRA guidelines. It is compatible with all metals, most plastics, and some elastomers. CycloSolv™ is not water soluble, and will not significantly alter the pH of aqueous systems (water extracts have neutral pH). It is believed to be biodegradable (as are other members of this chemical family), has a low vapor pressure to minimize VOC emissions, and has low mammalian toxicity.

Use Information

CycloSolv™ is used as a low-toxicity, high-flashpoint, low-odor cleaning solvent to replace petroleum and terpene hydrocarbons (d-limonene) in solvent cleaning applications. CycloSolv™ has high solvency, but lower odor than terpene solvents like d-limonene.

Physical Data

Appearance: Clear Liquid
 Color (PtCo or APHA): 20 (near water white)
 Density (lb/gal @ 25/25°C): 7.11
 Flash Point (°F, TCC)..... 162
 NVR (non volatile Residue)..... nil
 Odor: Mild Solvent
 Skin Irritation Low
 Solubility in Water (wt%): nil
 Specific Gravity (25/25°C):..... 0.8539
 Vapor Pressure (mmHg @ 20°C) <1.0
 VOC Content (g/liter @ 25°C):..... 854
 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 (°F, TCC)..... 162
 Flammability Limits in Air (estimated) 0.7% lower, 6.1% upper

Environmental Data

VOC content, grams/liter:..... 854 (100%)
 RCRA Hazard Class: Not regulated
 EPA Priority Pollutants: None
 SARA III §302 and §313 Toxicants:..... None
 Ozone Depleting Chemicals: None
 California Prop 65 Toxicants:..... None

Transportation Data

Net Drum Weight (pounds): 390
 Proper Shipping Name (drums via ground): Not regulated
 Proper Shipping Name (bulk):..... Flammable Liquids n.o.s., 3, NA1993, 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.