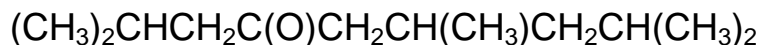




ECOSOFT™ Solvent IK

Isobutyl Heptyl Ketone 2,6,8 Trimethyl-Nonan-4-one



Description

Higher molecular weight ketone produced exclusively by Dow. It is a low viscosity liquid with strong solvency properties and a strong odor.

Physical properties

| | |
|--|--------|
| Molecular Weight | 184.32 |
| Relative Evaporation Rate nBuAc=1 | <0.01 |
| Vapor Pressure at 20°C, mmHg | 0.03 |
| Density at 20°C lb/gal | 6.83 |
| Specific Gravity at 20/20°C | 0.820 |
| Viscosity at 20°C cP | 1.4 |
| Surface Tension | |
| (dynes/cm at 20°C) | - |
| (dynes/cm at 25°C) | 26.1 |
| Hansen Solubility Parameters | |
| Total | 7.5 |
| Non-Polar | 7.1 |
| Polar | 1.7 |
| Hydrogen Bonding | 1.5 |
| Boiling Point, °C at 760mm Hg | 217.2 |
| Solubility at 20°C | |
| %Wt In Water | 0.002 |
| %Wt Water in | 0.3 |
| Closed Cup Flash Point °F | 170 |
| SARA 313 (see note 1 †) | N |
| Hazardous Air Pollutant (see note 2 † †) | N |

† **Note 1:** Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III Section 313

† † **Note 2:** Hazardous Air Pollutants listed under Title III of the Clean Air Act

Classification/Registry Numbers

| | |
|------------|----------|
| CAS Number | 123-18-2 |
| EINECS | 2046073 |

(Please see second page)

Ecosoft™ Solvent IK

Isobutyl Heptyl Ketone

2,6,8 Trimethyl-Nonan-4-one

Features

- Thermally stable
- Low vapor pressure
- Low viscosity
- Excellent solvent
- Non-HAP (Hazardous Air Pollutant) Solvent
- Miscible with common organic solvents
- Immiscible with water

Applications

- Cleaning and degreasing
- Mining
- Chemical intermediate
- Coatings

How supplied

| Region | Packaging | Transport Mode |
|---------------|--------------|--------------------|
| Europe/Africa | Bulk or Drum | Isotank/ Box Truck |
| Latin America | Drum | Box Truck |
| North America | Bulk or Drum | Tank Truck |
| Pacific | Drum | Box Truck |

Note: Consult the appropriate Material Safety Data Sheet for safety and handling guidelines for this product.

The Dow Chemical Company
Danbury, Connecticut 06817 U.S.A.

In the United States and Canada, Product Information: 1-800-447-4369; Fax: 1-989-832-1465; Technical Support: 1-800-SOLVENT
In Europe: +800 3 694 6367; Toll Phone: +32 3 450 2240; Toll Fax: +32 3 450 2815
In the Pacific: +800 7776 7776; Fax: +800 7779 7779
In Other Global Areas: 1-989-832-1556; Fax: 1-989-832-1465

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