

**SECTION 1. - PRODUCT INFORMATION**

**PRODUCT NAME:** Smartsolv-CF

**MANUFACTURER:** ICEUS, Inc.  
305-B Scarlet Blvd.  
Oldsmar, FL 34677

**EMERGENCY TELEPHONE NUMBER:** 1-866-733-8279

**PRODUCT DESCRIPTION:** Solvent

**CHEMICAL FAMILY:** Aromatic and Oxygenated Hydrocarbons and Esters.

**SECTION 2. - COMPOSITION / INFORMATION ON INGREDIENTS**

This product is defined as OSHA COMBUSTIBLE per 29CFR1910.1200.

**INGREDIENTS:** CAS #'s 70693-06-0, 97-64-3

**SECTION 3. - HAZARDS IDENTIFICATION**

**EYE CONTACT:** Mildly irritating, tearing and redness may occur.

**SKIN CONTACT:** Prolonged or repeated contact with skin may cause dryness of skin. Continued dryness may cause dermatitis.

**INHALATION:** Excessive inhalation of vapors can cause irritation of the respiratory tract, nausea, dizziness or headache.

**INGESTION:** Product has low order of acute oral toxicity, but ingestion of large quantities may cause nausea, vomiting, and gastrointestinal irritation. May cause injury if aspirated into lungs.

**SECTION 4. - FIRST AID MEASURES**

**EYE CONTACT:** Flush with water for 15 minutes. If irritation persists, contact physician.

**SKIN CONTACT:** Wash thoroughly with soap and water. Remove contaminated clothing.

**INHALATION:** If affected by vapors, get to fresh air. If breathing is difficult, see physician.

**INGESTION:** Do not induce vomiting. Product contains hydrocarbons. Consult physician.

**SECTION 5. - FIRE FIGHTING MEASURES**

**FLASH POINT:** 125EF TCC

**FLAMMABLE LIMITS (estimated at 77EF):** LEL: 1.6 % UEL: 10.5 %

**AUTO-IGNITION TEMPERATURE:** 745EF

**GENERAL HAZARDS:** Combustible liquid. Can form combustible mixtures at or above flash point.

**FIRE FIGHTING:** Extinguish with CO<sub>2</sub>, foam or dry chemical. Class B fire procedures.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon dioxide, carbon monoxide and smoke.

**SECTION 6. - ACCIDENTAL RELEASE MEASURES**

**LAND SPILL:** Remove ignition sources. Contain the spill. Recover free product. Absorb with suitable chemical absorbent disposal via incineration or burial in approved landfill. Observe local, state and federal regulations.

**WATER SPILL:** Remove from water by skimming or use of suitable absorbent. Observe local, state and federal regulations.

**SECTION 7. - HANDLING AND STORAGE**

**ELECTROSTATIC ACCUMULATION HAZARD:** Unknown, use proper grounding procedures.

**STORAGE TEMPERATURE:** Ambient

**GENERAL:** Keep away from heat sources, open flames and other ignition sources. Keep product containers closed when not in use.

**SECTION 8. - EXPOSURE CONTROLS / PERSONAL PROTECTION**

**EXPOSURE CONTROLS:** The use of additional ventilation is recommended whenever this product is used in a unventilated confined space, is heated above ambient temperatures, or is agitated.

**EXPOSURE LIMITS 8 HRS TWA (ppm):** OSHA PEL                      ACGIH TLV                      RECOMMENDED  
Not established                      Not established                      300

**PERSONAL PROTECTION:** Safety glasses are recommended when eye contact may occur. Solvent resistant gloves are recommended where prolonged skin exposure is expected.

## SECTION 9. - PHYSICAL AND CHEMICAL PROPERTIES

**ODOR AND APPEARANCE:** Colorless liquid with characteristic odor      **pH:** Not applicable  
**VAPOR PRESSURE:** <7.0 mmHg at 20EC      **VAPOR DENSITY (Air = 1):** > 1  
**SPECIFIC GRAVITY (Water = 1):** 0.96 @ 25°C      **MISCIBILITY IN WATER:** <60%  
**PERCENT VOLATILE:** 100%      **VOC CONTENT:** 963 grams / liter  
**EVAPORATION RATE (n-butyl acetate = 100):** 15      **BOILING POINT:** 310EF - 390EF (approximate)

## SECTION 10. - STABILITY AND REACTIVITY

**GENERAL:** This product is stable and hazardous polymerization will not occur.  
**INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:** Strong oxidizing agents.

## SECTION 11. - TOXICOLOGICAL INFORMATION

Please refer to Section 3 for available information on potential health effects.

## SECTION 12. - ECOLOGICAL INFORMATION

No specific ecological data is available at this time. See Section 6 for information regarding Accidental Release Measures and Section 15 for Regulatory Information.

## SECTION 13. - DISPOSAL CONSIDERATIONS

Please refer to Section 5, 6 and 15 for disposal and Regulatory Reporting Information.

## SECTION 14. - TRANSPORT INFORMATION

**DEPARTMENT OF TRANSPORTATION (DOT)**      **Note: IN CONTAINERS OF 119 GALLONS CAPACITY OR LESS, THIS PRODUCT IS NOT REGULATED BY DOT.**

**DOT PROPER SHIPPING NAME:** PETROLEUM DISTILLATE  
**DOT HAZARD CLASS:** COMBUSTIBLE LIQUID  
**DOT IDENTIFICATION:** UN1268, CLASS III

## SECTION 15. - REGULATORY INFORMATION

**RCRA:** If discarded in its purchased form, this product is would not be hazardous waste either by listing or characteristic.  
**TSCA:** The ingredients in this product are listed on the TSCA inventory.  
**CERCLA:** Not reportable. We recommend you contact local authorities to determine if there may be other reporting requirements.  
**SARA TITLE III:** 311/312 Hazard Categories: Fire  
313 Reportable Ingredients: None

## SECTION 16. - OTHER INFORMATION

**HAZARD RATING SYSTEMS:** This information is for people trained in:

National Paint and Coatings Association (NPCA)  
Hazardous Materials Identification System (HMIS)  
National Fire Protection Association (NFPA 704)  
Identification of the Fire Hazard of Materials

	<u>NPCA-HMIS</u>	<u>NFPA 704</u>	<u>KEY</u>	<u>KEY</u>
HEALTH	1	1	4 = SEVERE	A = Safety Glasses (SG)
FLAMMABILITY	2	2	3 = SERIOUS	B = (SG) & Gloves
REACTIVITY	0	0	2 = MODERATE	C = (SG), Gloves & Apron
PROTECTION	B		1 = SLIGHT	D = Face Shield, Gloves & Apron
			0 = MINIMAL	

REVISION SUMMARY: N/A

SUPERSEDES REVISION DATE: N/A

The information contained herein is believed to be reliable and accurate but is provided without warranty regarding its accuracy. Users must determine safe conditions for use and assume liability for any loss or damage resulting from product use.