



FC26-11

1,1,1,2,4,5,5,5-Octafluoro-2,4-Bis(1,1,2,2,3,3,3-Heptafluoropropoxy)Pentan-3-One

Revised 16-November-2016

Product Identifier Product Name 1,1,1,2,4,5,5,5-Octaflu Catalog Number Brand CAS no.	ioro-2,4-bis(1,1,2,2,3,3,3-heptafluoropropoxy)pentan-3-one FC26-11 Fluoryx Labs 67118-49-4
Relevant identified uses of the Substance Identified uses:	or mixture and uses advised against Low GWP solvent/heat transfer agent.
Details of the supplier of the safety data s Company	heet Fluoryx Labs 3650 Research Way, #22 Carson City, NV 89706 USA +1 (510) 329-9149 (Telephone) +1 (510) 686-8799 (Fax) www.fluoryx.com
Emergency call:	+01-813-248-0585 (International) +1-800-255-3924 (USA)
2. HAZARDS INFORMATION	
Emergency Overview	
OSHA Hazards	No known OSHA hazards
GHS Classification	Not a dangerous substance according to GHS
GHS Label elements, including precau Pictogram Signal word	utionary statements None None
Hazard statement(s)	None
Precautionary statement(s)	None
Potential Health Effects Inhalation	May be harmful if inhaled. May cause respiratory tract irritation.
Skin	May be harmful if absorbed through skin. May caus skin irritation.
Eyes Ingestion	May cause eye irritation. May be harmful if swallowed.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Synonyms 1,1,1,2,4,5,5,5-Octafluoro-2,4-bis(1,1,2,2,3,3,3-heptafluoropropoxy)pentan-3-one

Chemical formula		₁F ₂₂ O ₃ F₃CF₂CF₂OCF(CF	3)]2C=O	
Components				
Material	Molecular Weight	CAS #	EC #	TSCA
1,1,1,2,4,5,5,5-Octafluoro-2,4- bis(1,1,2,2,3,3,3-heptafluoro- propoxy)pentan-3-one	598.08	67118-49-4	None	Not listed
4. FIRST AID MEASURES				
If inhaled		preathed in, move eathing, give artific		sh air. If not
In case of skin contact	W	ash off with soap a	nd plenty of w	ater.
In case of eye contact	Flu	ish eyes with wate	r as a precauti	on.
If swallowed		ever give anything rson. Rinse mouth		unconscious
5. FIREFIGHTING MEASURES				
Suitable extinguishing media		e water spray, alc emical or carbon d		oam, dry
Special protective equipment fo	-	ear self-contained hting.	breathing appa	aratus for fire
Hazardous combustion product		zardous decompo conditions - carbo		
6. ACCIDENTAL RELEASE MEA	SURES			
Personal precautions	Av	oid inhalation of va	apor, mist, dus	t, or gas.
Environmental precautions		not let product en vironment must be		charge into the
Methods for cleaning up	as	ak up with inert ab hazardous waste. ntainers for dispos	Keep in suitab	
7. HANDLING AND STORAGE				
Precautions for Safe Handling	va	oid contact with sk por or mist. Norma ptection.		
Conditions for Safe Storage		ep container tightl ntilated place.	y closed in a d	ry and well-

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection	Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Hand protection	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without
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Eye protection	touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Use equipment for eye protection tested and
	approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin and body protection	Impervious clothing, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Hygiene measures	General industrial hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Form	Liquid
Color	Colorless
Safety Data	
рН	No data available
Melting Point/Freezing Point	No data available
Boiling Point	142 °C @ 760 mm Hg
Flash Point	> 110 °C (closed cup)
Ignition Temperature	No data available
Auto-ignition Temperature	No data available
Lower Explosion Limit	No data available
Upper Explosion Limit	No data available
Thermal Decomposition Temperature	No data available
Vapor Pressure	No data available
Density	1.7190 g/mL @ 28 °C
Water Solubility	Insoluble
Partition Coefficient (n-octanol/water)	No data available
Relative Vapor Density (Air = 1)	> 1
Odor	None
Odor Threshold	No data available
Evaporation Rate	No data available
Viscosity	No data available

10. STABILITY AND REACTIVITY

Storage stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	Polymerization will not occur.
Conditions to avoid	Keep away from open flames and heated surfaces above 200 °C (392 °F).
Materials to avoid	Strong oxidizing agents.
Hazardous decomposition products	Hazardous decomposition products formed under fire conditions - carbon oxides, hydrogen fluoride, carbonyl fluoride.

11. TOXICOLOGICAL INFORMATION

Acute toxicity Oral LD50 Inhalation LC50 Dermal LD50 Other information on acute toxicity	No data available No data available No data available No data available
Skin corrosion/irritation	No data available.
Serious eye damage/eye irritation	No data available.
Respiratory or skin sensitization	No data available.
Germ cell mutagenicity	No data available.
Carcinogenicity	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
	ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
	NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
	OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
	Nie dete evellele
Reproductive toxicity	No data available
Reproductive toxicity Specific target organ toxicity (Globally Harmon Single exposure Repeated exposure	
Specific target organ toxicity (Globally Harmon Single exposure	ized System) No data available
Specific target organ toxicity (Globally Harmon Single exposure Repeated exposure	ized System) No data available No data available
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Specific target organ toxicity (Globally Harmon Single exposure Repeated exposure Aspiration Hazard Potential Health Effects Inhalation Skin Eyes Ingestion Signs and Symptoms of Exposure Synergistic Effects Additional Information 12. ECOLOGICAL INFORMATION Toxicity Persistence and Degradability	 ized System) No data available No data available No data available May be harmful if inhaled. May cause respiratory tract irritation. May be harmful if absorbed through skin. May cause skin irritation. May cause eyes irritation. May be harmful if swallowed. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. No data available No data available No data available Does not readily degrade.

Other adverse effects	No data available	
13. DISPOSAL CONSIDERATIONS		
Product	Offer non-recyclable solutions to a licensed disposal company. Contact Fluoryx to return unused product.	
Contaminated packaging	Dispose of as unused product.	
14. TRANSPORTATION INFORMATION		
DOT (US)	Not dangerous goods	
IMDG	Not dangerous goods	
ΙΑΤΑ	Not dangerous goods	
15. REGULATORY INFORMATION		
OSHA Hazards	No known OSHA hazards.	
TSCA Status	Not listed.	
DSL Status	This product does not contain components listed on the Canadian NDSL list.	
SARA 302 Components	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 313 Components	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.	
SARA 311/312 Hazards	No SARA hazards.	
Massachusetts Right To Know Components	No components are subject to the Massachusetts Right to Know Act.	
Pennsylvania Right To Know Components	No components are subject to the Pennsylvania Right to Know Act.	
New Jersey Right To Know Components	No components are subject to the New Jersey Right to Know Act.	
California Prop. 65 Components	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	
16. OTHER INFORMATION		
HMIS Classification Health Hazard: Flammability: Physical hazards:	0 0 0	
NFPA Rating Health Hazard: Fire: Reactivity Hazard:	0 0 0	
Further information:	Not for drug, household, or other uses. The previous information is based upon our current knowledge and experience of our product and is not exhaustive. It applies to the product as defined by the specifications. In case of combinations or mixtures, one must confirm that no new hazards are likely to	

exist. In any case, the user is not exempt from observing all legal, administrative and regulatory procedures relating to the product, personal hygiene, and integrity of the work environment. Unless noted to the contrary, the technical information applies only to pure product.

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End of SDS