

Safety Data Sheet 1200208 according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 10/02/2015 Version: 1.0

1.1 Identification : Substance Product form : Perfluoro-1,2-dimethylcyclohexane CAS No : 306-98-9 Product code : 2000-208 Formula : CBF 16 Other means of identification : MFCD00066612 1.3. Details of the subplier of the safety attasted Stational information available 1.3. Details of the supplier of the safety attasted Stational information available 1.4. Energency telephone number : (844) 523-4086 (3E Company - Account 10069) SECTION 2: Hazard(s) identification : (844) 523-4086 (3E Company - Account 10069) SECTION 2: Hazard(s) identification : (844) 523-4086 (3E Company - Account 10069) SECTION 2: Hazard(s) identification : (844) 523-4086 (3E Company - Account 10069) SECTION 2: Hazard(s) identification : (844) 523-4086 (3E Company - Account 10069) SECTION 2: Hazard(s) identification : (844) 523-4086 (3E Company - Account 10069) SECTION 2: Hazard(s) identification : : (845) 523-608 Sep Int: A H315 - Causes skin irritation : :	SECTION 1: Identification	
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No additional information available 1.3. Details of the supplier of the safety data sheet SynChast Laboratorites, Inc. PO. 89: 309 Machua, FL. 32615 - United States of America T (386) 426-0788 - F (386) 462-7097 Inde Saynquestilable com - www.supuestilable.com 1.4. Emergency telephone number Entergency number : (844) 523-4086 (3E Company - Account 10069) SECTION 2: Hazard(5) Identification 21.1. Classification of the substance or mixture Classification (HS-US) Sim Int. 2 H315 - Causes scinus evel initiation Synth 2: Hazard (2) Identification Store IT 2 Label elements CHS-US labeling 4acard pictograms (GHS-US) : Warning * Hazard statements (GHS-US) : Warning * Precautionary statements (GHS-US) : Warning * 221 - Value lotenting fumes, mist, pray. vapors * 2241 - Value skin intriation * 133 - Subses skin initiation * 134 - Causes skin initiation * 135 - Causes skin winitiation * 136 - Causes skin winitiation * 137 - Subsection value set (1990) * 138 - Causes skin initiation <		
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SynCluss Laboratories, Inc. PO. Bas 300 Alexhua, PL 32515 - Upitted States of America (1 (286) 462:0785 - F (386) 462:0782:0707 nfo@SynclussTabs.com - www.synclussTabs.com 1.4. Emergency telephone number Emergency number 1.1. Classification of the substance or mixture Classification of the substance or mixture Classification (CHS-US) Stin Inti 2, 1 H315 - Causes skin initiation Syn Inti 2, 1 Harding - Syn Jack Start 2, Label elements CHS-US tabeling Hazard pictograms (GHS-US) Signal word (CHS-US) Signal word (CHS-US) Signal word (CHS-US) Signal word (CHS-US) Field and H315 - Causes skin initiation H315 - Causes skin unitiation H315 - Causes skin unitiation H315 - Causes skin unitiation H316 - Causes skin unitiation H317 - Causes skin unitiation H318 - May cause reparatory with a skin throadpily after handling P246 - Vaka was not be P246 - Vaka was not be not be not be P246 - Vaka was not be not be P246 - Vaka was not be not be not be not be P246 - Vaka was not be not be not be not be not be not be P246 - Vaka hist not couses/protection coloning/eye protection/mayee protection P304-P304 - I in hade: I new every for the skin to not bin in gave for several minutes. Remove contact Inness, If prevent not be approved protection fresh at and keep comfortable for breathing P304-P304 - I in hade: I new every for the skin contact in first at instructions on this label) P324-P334 - I is kin initiation occurs: Get medical advice/attention P334-P331 - I is kin initiation occurs: Get medical advice/attention P334-P	1.2 Dotails of the supplier of the saf	atu data shaat
Emergency number : (844) 523-4086 (3E Company - Account 10069) SECTION 2: Hazard(s) identification 21. Classification of the substance or mixture Classification (CHS-US) SMI Inft 2: H315 - Causes serious eye irritation Sysperitiz A: H319 - Causes serious eye irritation STOT SE3 H335 - May cause respiratory irritation Full text of H-phrases: see section 16 2.2. Label elements CMS-US labeling Hazard pictograms (GHS-US) H316 - Causes skin irritation Figure 1: Cause statements (GHS-US) H315 - Causes skin irritation H316 - Causes skin irritation	SynQuest Laboratories, Inc. P.O. Box 309 Alachua, FL 32615 - United States of Americ T (386) 462-0788 - F (386) 462-7097	ca
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2.3. Other hazards	Precautionary statements (GHS-US)	 P261 - Avoid breathing fumes, mist, spray, vapors P264 - Wash skin thoroughly after handling P271 - Use only outdoors or in a well-ventilated area P280 - Wear protective gloves/protective clothing/eye protection/face protection P302+P352 - If on skin: Wash with plenty of soap and water P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P312 - Call a POISON CENTER or doctor/physician if you feel unwell P321 - Specific treatment (see supplemental first aid instructions on this label) P332+P313 - If skin irritation occurs: Get medical advice/attention P362+P364 - Take off contaminated clothing and wash it before reuse P403+P233 - Store in a well-ventilated place. Keep container tightly closed P405 - Store locked up
	2.3 Other hazards	

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2.4. Unknown acute toxicity (GHS US)

Not applicable **SECTION 3: Composition/information on ingredients** Substance 3.1. Substance type : Mono-constituent Name Product identifier % Classification (GHS-US) Perfluoro-1,2-dimethylcyclohexane (CAS No) 306-98-9 <= 100 Skin Irrit, 2, H315 (Main constituent) Eye Irrit. 2A, H319 STOT SE 3, H335 Full text of H-phrases: see section 16 **Mixture** 3.2. Not applicable SECTION 4: First aid measures **Description of first aid measures** 4.1. : In case of accident or if you feel unwell, seek medical advice immediately (show the label First-aid measures general where possible). Move the affected personnel away from the contaminated area. First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If not breathing, give artificial respiration. Get medical advice/attention. First-aid measures after skin contact : Wash with plenty of soap and water. Get medical advice/attention. First-aid measures after eye contact Immediately flush eyes thoroughly with water for at least 15 minutes. Get medical advice/attention. First-aid measures after ingestion Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. Most important symptoms and effects, both acute and delayed 4.2. Symptoms/injuries The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11. Indication of any immediate medical attention and special treatment needed 4.3. Treat symptomatically. SECTION 5: Firefighting measures **Extinguishing media** 5.1. Suitable extinguishing media : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire. Special hazards arising from the substance or mixture 5.2. Fire hazard : Thermal decomposition generates: Carbon oxides. Hydrogen fluoride. 5.3. Advice for firefighters Protection during firefighting Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". SECTION 6: Accidental release measures Personal precautions, protective equipment and emergency procedures 6.1 General measures : Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe gas, fumes, vapor or spray. 6.1.1. For non-emergency personnel Emergency procedures : Only qualified personnel equipped with suitable protective equipment may intervene. 6.1.2. For emergency responders Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". 6.2. **Environmental precautions**

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

6.3.	Methods and material for containment and cleaning up	
For cont	tainment	: Dike for recovery or absorb with appropriate material.
Methods	s for cleaning up	: Take up large spills with pump or vacuum and finish with dry chemical absorbent. Use explosion-proof equipment. Take up small spills with dry chemical absorbent. Sweep or shovel spills into appropriate container for disposal.

Respiratory protection

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Other information	: For disposal of solid materials or residues refer to section 13 : "Disposal considerations".
6.4. Reference to other sections	
No additional information available	
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Ensure good ventilation of the work station. Do not breathe fumes, mist, spray, vapors. Wear personal protective equipment. Avoid contact with skin and eyes.
Hygiene measures	: Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, include	ing any incompatibilities
Storage conditions	: Keep container tightly closed.
Incompatible materials	: Refer to Section 10 on Incompatible Materials.
Storage area	: Store in dry, cool, well-ventilated area.

SECTION 8: Exposure controls/personal protection			
8.1. Control parameters			
No additional information available			
8.2. Exposure controls			
Appropriate engineering controls	: Ensure good ventilation of the work station. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.		
Hand protection	: Protective gloves.		
Eye protection	: Chemical goggles or safety glasses. Face shield.		
Skin and body protection	: Wear suitable protective clothing.		

: In case of insufficient ventilation, wear suitable respiratory equipment.

SECTION 9: Physical and chemical properties 0 1 Information on basic physical and chamical propertie

12/06/2016	EN (English LIC)	SDS ID: 1200208	2/6
Viscosity, kinematic	: No data available		
Viscosity	: No data available		
Decomposition temperature	: No data available		
Auto-ignition temperature	: No data available		
Log Pow	: No data available		
Solubility	: No data available		
Molecular mass	: 400.06 g/mol		
Specific gravity / density	: 1.867 g/ml		
Relative vapor density at 20 °C	: No data available		
Relative density	: No data available		
Vapor pressure	: No data available		
Oxidizing properties	: No data available		
Explosive properties	: No data available		
Explosion limits	: No data available		
Flammability (solid, gas)	: No data available		
Relative evaporation rate (butyl acetate=1)	: No data available		
Flash point	: No data available		
Boiling point	: 102 °C		
Freezing point	: No data available		
Melting point	: No data available		
рН	: No data available		
Odor threshold	: No data available		
Odor	: No data available		
Color	: No data available		
Physical state	: Liquid		

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Viscos	ity, dynamic	: No data available	
9.2.	Other information		
Refrac	tive index	: 1.292	
	FION 10: Stability and react Reactivity	Vity	
10.1.	Reactivity		
10.1. No add	ditional information available		

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

No additional information available

Conditions to avoid 10.4.

No additional information available

10.5. **Incompatible materials**

Strong oxidizing agents.

Hazardous decomposition products 10.6.

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Hazardous decomposition products in case of fire, see Section 5.

SECTI	ON 11: Toxicological information
11.1.	Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: May cause respiratory irritation.
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information		
12.1. Toxicity		
No additional information available		
12.2. Persistence and degradability		
No additional information available		
12.3. Bioaccumulative potential		
No additional information available		
12.4. Mobility in soil		
No additional information available		
12.5. Other adverse effects		
No additional information available		

No additional information available

SECTION 13: Disposal considerations			
13.1. Waste treatment methods			
Waste treatment methods	: Remove to an authorized incinerator equipped with an afterburner and a flue gas scrubber.		
Waste disposal recommendations	: Dispose of contents/container in accordance with licensed collector's sorting instructions.		

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SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated for transport

TDG

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory except for:

Perfluoro-1,2-dimethylcyclohexane

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

CAS No 306-98-9

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

National regulations

Perfluoro-1,2-dimethylcyclohexane (306-98-9)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

SECTION 16: Other information

Full text of H-phrases:

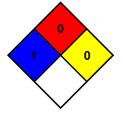
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation

NFPA health hazard

: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

NFPA fire hazard NFPA reactivity

- : 0 Materials that will not burn.
 - : 0 Normally stable, even under fire exposure conditions, and are not reactive with water.



100%

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

HMIS III Rating	
Health	: 1 Slight Hazard - Irritation or minor reversible injury possible
Flammability	: 0 Minimal Hazard - Materials that will not burn
Physical	: 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

SDS US (GHS HazCom 2012)

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is offered solely for your consideration, investigation, and verification. It does not represent any guarantee of the properties of the product nor that the hazard precautions or procedures described are the only ones which exist. SynQuest shall not be held liable or any damage resulting from handling or from contact with the above product.