

Safety Data Sheet 1700335

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 07/21/2016 Version: 1.0

Stort (ION 11 Identification Product form : Substance Substance name : 2.2.Bit(1.3.5.1/methylphenyl)-1,1.1.1/miluoreethane CAS No : 13145348-21 Product code : 100-3-35 Formula : C20H22F3 Synonyms : 1.3.5.1/methyl-2/2.2.2.miluoro-1/2.4.6-methylphenyllethylphenyllethylphenzene Other means of identification : MECD22123555 12. Relevant identification is ther CD2213055 13.6. Charles of the substance/miniture of substances is solutific research and development 13.6. Database of the substance/miniture of substances is solutific research and development 13.6. Database of the substance/miniture of substances is solutific research and development 13.6. Database of the substance/miniture of substances is solutific research and development 13.6. Database of the substance or mixture and uses advised against 14. Emergency telephone number Emergency relephone number : (844) 552-4086 (3E Company - Account 10069) Section Of the substance or mixture Classification (OHS-US) Shin th: 2. A H35 - Causes sin initation Eye int 2. Label elements CHSUS babeling : SH31-6 Sauses sin initation <th></th> <th></th>		
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Subscience : 2.2-Bit(1.3.5-trimethylphenyl)-1,1.1-trifluoroethane CAS No : 1314542-1 Product cole : 1314542-1 Synonyme : C20P1287 J Synonyme : 1.3.5-trimethylphenyl)-1,1.2.4trimethylphenyl)ethyl[benzene Other means of identification : C20P1287 J Synonyme : 1.3.5-trimethylphenyl)-1,2.2.2.2.trifluoro-1-(2.4.6-trimethylphenyl)ethyl[benzene Other means of identification : Laboratory chromicals Menutacity of substances Sinonicals Menutacity of substances Comercials Menutacity Other Menutacity of Substances Comercials Menutacity of Substance		
CAS No : 1314534-82-1 Product code : 2012373 Synonyms : 1,3,5-Timethyk-2/2,2,2,2:trilluoro-1-(2,4,6-timethylphenyl)ethyllpenzee Other means of identification : MFCD22123985 1.2 Relevant identified uses of the substance or mixture aid uses advised against Use of the substance/mixture : Laboratory chemicals Manufacture of substances Scientific research and development 1.3. Details of the supplier of the safety data sheet SynOpuset Laboratories, Inc. PO. Box 300 Alashua, FL 32815 - United States of America T(389, 142-7788 - F (389) 42-7707 Info@SynQuestBabs.con; www.synQuestBabs.con 1.4. Energency telephone number Emergency number : (844) 523-4086 (3E Company - Account 10069) SECTION 2: Hazard(s) identification 2.1. Classification of the substance or mixture Classification or the substance or mixture Classification or the substance Classification or the substance or mixture Classification or the substance Classification or the substance Classification or the substance Classification or the substance Classification or 		
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Formula :: C20H23F3 Synonyms :: 1,3,5-Timently-1-2,2,4:tilluoro-1-(2,4,6-timentlytphenyl)ethyl]benzene Other means of identification :: MFCD2212395 1.2. Relevant identified uses of the substance or mixture and uses advised against Use of the substance/mixtur :: Laboratory chemicals Mandacture of substances Scientlic research and development 5.0. Details of the supplier of the safety data sheet SynOquest Laboratories, Inc. P.O. Box 300 Alachus, F. 32815 - United States of America T (366) 462-7087 T info@Sunduestates.com - www.synauestates.com 1.4. Classification of the substance or mixture Classification (GHS-US) Sterritory 2: Hazard(c) identification 2. Classification of the substance or mixture Classification of the substance or mixture Classification of the substance or mixture Classification of the substance or mixture Classification of the substance or mixture Classification of the substance or mixture Classification of the substance or mixture Classification of the substance or mixture Stin Imr. 2: H315 - Clauses service servi	CAS No	: 1314534-82-1
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P ¹ O. Box 309 Alachua, PI. 32615 - United States of America T (386) 462-7078 - F (386) 462-7097 Info@ synquestabs.com, •www.synquestabs.com 1.4. Emergency telephone number Emergency number : (844) 523-4086 (3E Company - Account 10069) SECTION 2: Hazard(s) identification 2.1. Classification of the substance or mixture Classification (GHS-US) Skin Inft. 2, H315 - Causes skin irritation Eye Inrt. 2A H319 - Causes serious eye irritation Eye Inrt. 2A H319 - Causes serious eye irritation Eye Inrt. 2A H319 - Causes serious eye irritation Full text of H-phrases: see section 16 2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US) Signal word (GHS-US) Filt Ext. 5 - Causes skin irritation Precautionary statements (GHS-US) Filt Ext. 6 - Avoid breathing dust, mist, spray P264 - Avoid breathing dust, mist, spray P274 - Avoid breathing dust, mist, spray P274 - Avoid breathing dust, mist, spray P274 - Vash shin throughly after handing P272 - Use only outdoors or in a well-entitied area P280 - Wear protective gloves/protective gloves/protection/face protection P304-P325 - If in skin: Washing Henty of soap and water P304-P326 - If in theory of the substance for several minutes. Remove contact lenses, if present and easy to do. Continue fining P334-P331 - If kin in tritation on this label) P334-P331 - If kin in tritation on this label) P334-P331 - If kin in tritation on presists: Get medical advice/attention P334-P331 - If kin in tritation contains and easy to do. Continue fining P334-P331 - If kin in tritation contains and the force ruses		
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Safety Data Sheet

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

P405 - Store locked up

P501 - Dispose of contents/container to an approved waste disposal plant

2.3. Other hazards				
No additional information available				
2.4. Unknown acute toxicity (GHS US)				
Not applicable				
SECTION 3: Composition/informatic	n on i	ngredients		
3.1. Substance				
Substance type	: Mor	no-constituent		
Name	-	Product identifier	%	Classification (GHS-US)
2,2-Bis(1,3,5-trimethylphenyl)-1,1,1-trifluoroethane		(CAS No) 1314534-82-1	7 0 <= 100	Skin Irrit. 2, H315
(Main constituent)			L = 100	Eye Irrit. 2A, H319 STOT SE 3, H335
Full text of H-phrases: see section 16				
3.2. Mixture				
Not applicable				
SECTION 4: First aid measures				
4.1. Description of first aid measures				
First-aid measures general		ase of accident or if you feel unwell, seek r re possible). Move the affected personnel		
First-aid measures after inhalation		nove person to fresh air and keep comforta viration. Get medical advice/attention.	able for breathir	g. If not breathing, give artificial
First-aid measures after skin contact	: Was	sh with plenty of soap and water. Get med	ical advice/atter	ition.
First-aid measures after eye contact		rediately flush eyes thoroughly with water the sent and easy to do. Continue rinsing. Get		
First-aid measures after ingestion		NOT induce vomiting. Never give anything th out with water. Get medical advice/atte		unconscious person. Rinse
4.2. Most important symptoms and effe	ts, botl	n acute and delayed		
Symptoms/injuries		most important known symptoms and effe and/or in section 11.	ects are describe	ed in the labelling (see section
4.3. Indication of any immediate medica	l attenti	on and special treatment needed		
Treat symptomatically.				
SECTION 5: Firefighting measures				
5.1. Extinguishing media				
Suitable extinguishing media		ohol resistant foam. Carbon dioxide. Dry po ropriate for surrounding fire.	owder. Water sp	oray. Use extinguishing media
5.2. Special hazards arising from the su	bstance	or mixture		
Fire hazard	: The	rmal decomposition generates: Carbon ox	ides. Hydrogen	fluoride.
5.3. Advice for firefighters				
Firefighting instructions	: In c	ase of fire: Evacuate area.		
Protection during firefighting		ar gas tight chemically protective clothing i aratus. For further information refer to sec		
SECTION 6: Accidental release mea	sures			
6.1. Personal precautions, protective equipment and emergency procedures				
General measures	: Eva	cuate unnecessary personnel. Ensure ade	equate air ventila	ation. Do not breathe dust.
6.1.1. For non-emergency personnel				
6.1.1. For non-emergency personnel Emergency procedures	: Only	y qualified personnel equipped with suitabl	e protective equ	lipment may intervene.
0 71	: Only	y qualified personnel equipped with suitabl	e protective equ	lipment may intervene.
Emergency procedures	: Doi	y qualified personnel equipped with suitable not attempt to take action without suitable r to section 8: "Exposure controls/persona	protective equip	

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

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6.3. Methods and material for	3. Methods and material for containment and cleaning up		
For containment	: Stop leak if safe to do so.		
Methods for cleaning up	: Sweep or shovel spills into appropriate container for disposal. Minimize generation of dust.		
Other information	: For disposal of solid materials or residues refer to section 13 : "Disposal considerations".		
6.4. Reference to other section	ns		
No additional information available			
SECTION 7: Handling and st	torage		
7.1. Precautions for safe hand	lling		
Precautions for safe handling	Do not handle until all safety precautions have been read and understood. Ensure good ventilation of the work station. Do not breathe dust, mist, spray. 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	ge, including any incompatibilities		

Technical measures	: Comply with applicable regulations.
Storage conditions	: Keep container closed when not in use.
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. 29 CFR 1910.138: Hand Protection.
Eye protection	: Chemical goggles or safety glasses. Face shield. 29 CFR 1910.133: Eye and Face Protection.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: In case of inadequate ventilation wear respiratory protection. 29 CFR 1910.134: Respiratory Protection.
Other information	: Safety shoes. 29 CFR 1910.136: Foot Protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and	d chemical properties
Physical state	: Solid
Color	: No data available
Odor	: No data available
Odor threshold	: No data available
pH	: No data available
Melting point	: 115 - 119 °C
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapor pressure	: No data available
Relative density	: No data available
Relative vapor density at 20 °C	: No data available
Molecular mass	: 320.39 g/mol

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Solubility	: No data available
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

9.2. Other information

No additional information available

SECTION 1	10: Stability and reactivity		
10.1. Rea	activity		
No additional i	information available		
10.2. Che	emical stability		
The product is	s stable at normal handling and storage conditions.		
10.3. Pos	ssibility of hazardous reactions		
No additional i	No additional information available		
10.4. Con	nditions to avoid		
Keep away fro	Keep away from heat, sparks and flame.		
10.5. Inco	ompatible materials		
Strong oxidizir	ong oxidizing agents.		
10.6. Haz	zardous decomposition products		
	Inder normal conditions of storage and use, hazardous decomposition products should not be produced. Hazardous decomposition products in case of ire, see Section 5.		
SECTION 1	ECTION 11: Toxicological information		
11.1. Info	ormation on toxicological effects		
Acute toxicity	: Not classified		
Skin corrosion	n/irritation : Causes skin irritation.		

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

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Aspiration hazard

: Not classified

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SECTION 13: Disposal consideration	ons
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.
Additional information	: Recycle the material as far as possible.
SECTION 14: Transport information	1
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 informatic	on de la constante de la const
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:

	2,2-Bis(1,3,5-trimethylphenyl)-1,1,1-trifluoroethane	CAS No 1314534-82-1	100%

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.

15.2. International regulations

CANADA

No additional information available

EU-Regulations No additional information available

National regulations

No additional information available

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

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NFPA health hazard	: 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given.
NFPA fire hazard	: 0 - Materials that will not burn.
NFPA reactivity	: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.
HMIS III Rating	
Health	: 2 Moderate Hazard - Temporary or minor injury may occur
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.