

3-Fluoro-2-methylbenzotrifluoride Safety Data Sheet 1800332 according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 10/13/2016 Version: 1.0

1: Identification Product form : S Arburore2-methylbenzotrifluoride AGN No : : 1910911-43 2 Youdut code : : 1900-332 Product code : : 1900-332 Samual : CBHBF4 Synonyms : : 174000-2-methyl-3(influorocomethyl)benzene Direr means of identification : MFCD080626008 12. Relevant identified uses of the substance or mixture and uses advised against 2.3. Details of the subplier of the safety data sheet YouQuest Laboratory hemicals metrified synametables.com :www.supaustilatis.com 2.4. Emergency telephone number Integration (MH-2) : (644) 623-4086 (SE Company - Account 100691) SECTION 2: Hazard(S) Identification : 1.4. Emergency telephone number : Integration (MH-2) : (644) 623-4086 (SE Company - Account 100691) Staffication of the subtance or mixture : : Classification of the subtance or mixture : : Staffication (HH-3) : : : Staffication (H	SECTION 1: Identification		
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2.3. Other hazards	P301- P302- P303- skin w P304- P305- lense: P312 P321 P330 P332- P337- P362- P370- P403- P403- P403- P403-	 Wear protective gloves/protective clot P312 - If swallowed: Call a POISON C P352 - If on skin: Wash with plenty of s P361+P353 - If on skin (or hair): Take P340 - If inhaled: Remove person to fr P351+P338 - If in eyes: Rinse cautious s, if present and easy to do. Continue ri - Call a POISON CENTER or doctor/pf - Specific treatment (see supplemental - Rinse mouth P313 - If skin irritation occurs: Get men P344 - Take off contaminated clothing P354 - Take off fire: Use dry sand, d P235 - Store in a well-ventilated place - Store locked up - Dispose of contents/container to an a 	ENTER or docto soap and water off immediately esh air and keep sly with water for nsing nysician if you fee first aid instructi dical advice/atter addical advice/atter and wash it befor ry chemical or al . Keep cool	or/ physician if you feel unwell all contaminated clothing. Rinse o comfortable for breathing r several minutes. Remove contact el unwell ions on this label) ntion ention ore reuse lcohol-resistant foam to extinguish r tightly closed
No additional information available				
2.4. Unknown acute toxicity (GHS	US)			
Not applicable				
SECTION 3: Composition/inform	nation on in	aradiants		
3.1. Substance Substance type	· Mono	-constituent		
	. 10010			
Name 3-Fluoro-2-methylbenzotrifluoride		CAS No) 910911-43-2	% <= 100	Classification (GHS-US) Flam. Lig. 3, H226
(Main constituent)				Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 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 measur	res			
First-aid measures general	where	e of accident or if you feel unwell, seek possible). Move the affected personne	away from the	contaminated area.
First-aid measures after inhalation	respir	ve person to fresh air and keep comfor ation. Get immediate medical advice/at	tention.	
First-aid measures after skin contact		with plenty of soap and water. Get imm		
First-aid measures after eye contact		diately flush eyes thoroughly with water nt and easy to do. Continue rinsing. Ge		
First-aid measures after ingestion		OT induce vomiting. Never give anythin out with water. Get immediate medica		
4.2. Most important symptoms and	d effects, both a	acute and delayed		
Symptoms/injuries		nost important known symptoms and eff nd/or in section 11.	fects are describ	bed in the labelling (see section
4.3. Indication of any immediate m Treat symptomatically.	edical attention	n and special treatment needed		
SECTION 5: Firefighting measu	res			
5.1. Extinguishing media				
Suitable extinguishing media		ol resistant foam. Carbon dioxide. Dry p priate for surrounding fire.	oowder. Water s	pray. Use extinguishing media
5.2. Special hazards arising from t				
Fire hazard		nal decomposition generates: Carbon o	xides. Hydrogen	n fluoride.
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Explosion hazard	: Risk of explosion if heated under confinement. Use water spray or fog for cooling exposed containers. May form flammable/explosive vapor-air mixture.
5.3. Advice for firefighters	
Firefighting instructions	: In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion.
Protection during firefighting	: Wear gas tight chemically protective clothing in combination with self contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protection".

SECTION 6: Accidental release measures			
6.1. Personal precautions, protective equipment and emergency procedures			
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".		
Emergency procedures	: Gas/vapor heavier than air. May accumulate in confined spaces, particularly at or below ground level. Consider the risk of potentially explosive atmospheres. Eliminate every possible source of ignition.		
6.2. Environmental precautions			
Avoid release to the environment. Notify authoritie	es if product enters sewers or public waters.		
6.3. Methods and material for containment	nt and cleaning up		
For containment	: Stop leak if safe to do so. Dike for recovery or absorb with appropriate material.		
Methods 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. Ventilate area.		
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			
Additional hazards when processed	: Handle empty containers with care because residual vapors are flammable.		
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 fumes, mist, spray, vapors. Wear personal protective equipment. Avoid contact with skin and eyes. Keep away from ignition sources (including static discharges). Proper grounding procedures to avoid static electricity should be followed. Use only non-sparking tools.		
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, including any incompatibilities			
Technical measures	: Comply with applicable regulations.		
Storage conditions	: Keep container closed when not in use. Keep away from ignition sources.		
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 should be available in the immediate vicinity of any potential exposure.		nd safety showers	
Hand protection	: Protective gloves. 29 CFR 1910	0.138: Hand Protection.	
Eye protection	: Chemical goggles or safety glasses. Face shield. 29 CFR 1910.133: Eye and Face Protection.		Face Protection.
Skin and body protection	: Wear suitable protective clothing.		
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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		

CEOTION 5. Thysical and onemical		-
9.1. Information on basic physical and	che	mical properties
Physical state	:	Liquid
Color	:	No data available
Odor	:	No data available
Odor threshold	:	No data available
рН	:	No data available
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	34 °C
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
Specific gravity / density	:	1.2 g/ml (@ 20 °C)
Molecular mass	:	178.13 g/mol
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 10: S	tability and reactivity
10.1. Reactivity	r de la companya de l
No additional information	ation available
10.2. Chemical	stability
The product is stable	e at normal handling and storage conditions.
10.3. Possibility	y of hazardous reactions
No additional information	ation available
10.4. Condition	s to avoid
Keep away from hea	t, sparks and flame.
10.5. Incompati	ible materials
Strong oxidizing age	nts.
10.6. Hazardou	s decomposition products
Under normal condit fire, see Section 5.	ions of storage and use, hazardous decomposition products should not be produced. Hazardous decomposition products in case of
SECTION 11: TO	oxicological information

Information on toxicological effects 11.1.

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Acute toxicity	: Oral: Harmful if swallowed. Dermal: Harmful in contact with skin. Inhalation: Harmful if inhaled.
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

SECTION 13: Disposal consider	
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 informa	
Department of Transportation (DOT)	
Department of Transportation (DOT) In accordance with DOT	: UN1993 Flammable liquids, n.o.s., 3, III
Department of Transportation (DOT) In accordance with DOT Transport document description	
Department of Transportation (DOT) In accordance with DOT Transport document description UN-No.(DOT)	: UN1993 Flammable liquids, n.o.s., 3, III
Department of Transportation (DOT) In accordance with DOT Transport document description UN-No.(DOT) Proper Shipping Name (DOT) Transport hazard class(es) (DOT)	: UN1993 Flammable liquids, n.o.s., 3, III : UN1993

Packing group (DOT) DOT Packaging Non Bulk (49 CFR 173.xxx) DOT Packaging Bulk (49 CFR 173.xxx) DOT Symbols



- : III Minor Danger
- : 203
- : 242
- : G Identifies PSN requiring a technical name

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DOT Special Provisions (49 CFR 172.102)	 B1 - If the material has a flash point at or above 38 C (100 F) and below 93 C (200 F), then the bulk packaging requirements of 173.241 of this subchapter are applicable. If the material has a flash point of less than 38 C (100 F), then the bulk packaging requirements of 173.242 of this subchapter are applicable. B52 - Notwithstanding the provisions of 173.24b of this subchapter, non-reclosing pressure relief devices are authorized on DOT 57 portable tanks. IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672). T4 - 2.65 178.274(d)(2) Normal
DOT Packaging Exceptions (49 CFR 173.xxx)	: 150
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: 60 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 220 L
DOT Vessel Stowage Location	: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.
Other information	: No supplementary information available.
TDG	
No additional information available	
Transport by sea	
UN-No. (IMDG)	: 1993
Proper Shipping Name (IMDG)	: FLAMMABLE LIQUID, N.O.S.
Class (IMDG)	: 3 - Flammable liquids
Packing group (IMDG)	: III - substances presenting low danger
Air transport	
UN-No. (IATA)	: 1993
Proper Shipping Name (IATA)	: Flammable liquid, n.o.s.
Class (IATA)	: 3 - Flammable Liquids
Packing group (IATA)	: III - Minor Danger
SECTION 15: Regulatory information	
15.1. US Federal regulations	
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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:

3-Fluoro-2-methylbenzotrifluoride	CAS No 910911-43-2	100%
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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

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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

Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4	
Acute Tox. 4 (Inhalation)	Acute toxicity (inhalation) Category 4	
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4	
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A	
Flam. Liq. 3	Flammable liquids Category 3	
Skin Irrit. 2	Skin corrosion/irritation Category 2	
STOT SE 3	Specific target organ toxicity (single exposure) Category 3	
H226	Flammable liquid and vapor	
H302	Harmful if swallowed	
H312	Harmful in contact with skin	
H315	Causes skin irritation	
H319	Causes serious eye irritation	
H332	Harmful if inhaled	
H335	May cause respiratory irritation	
NFPA fire hazard	residual injury even though prompt medical attention was given. : 3 - Liquids and solids that can be ignited under almost all ambient conditions.	
NFPA reactivity	: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.	
HMIS III Rating		
Health	: 3 Serious Hazard - Major injury likely unless prompt action is taken and medical treatment is given	
Flammability	 Serious Hazard - Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 73 F and boiling points above 100 F. as well as liquids with flash points between 73 F and 100 F. (Classes IB & IC) 	
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.