CI<u>TCI EUROPE N.V.</u>

SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Rev	vision number: 1 Revision date: 10/03/201
SECTION 1: Identification of the s	ubstance/mixture and of the company/undertaking
1.1 Product identifiers	
Product name:	2,3,4,5-Tetrafluorobenzotrifluoride
Product code:	T1853
1.2 Relevant identified uses of the sub Identified uses:	stance or mixture and uses advised against Reagents.
1.3 Details of the supplier of the safety	/ data sheet
Supplier:	
TCI EUROPE N.V.	
Boerenveldseweg 6 Haven 1063	
B-2070 Zwijndrecht	
Telephone: +32(0)3 735 07 00	
E-mail: sales-eu@tcichemicals	
1.4 Emergency telephone number:	+32(0)70 245 245
SECTION 2: Hazards identification	2
2.1 Classification of the substance or	
Flammable liquids	Category 2
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Pictograms or hazard symbols	
Signal word	Danger
	H225-Highly flammable liquid and vapour.
Signal word	H225-Highly flammable liquid and vapour. H315-Causes skin irritation.
Signal word Hazard statements	H225-Highly flammable liquid and vapour. H315-Causes skin irritation. H319-Causes serious eye irritation.
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SECTION 4: First aid measures 4.1 Description of first aid measures			
Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.		
Skin contact:	Remove/Take off immediately all contaminated clothing. Gently wash with plenty of soap and wate		
Eye contact:	skin irritation or rash occurs: Get medical advice/attention. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.		
Ingestion:	Continue rinsing. If eye irritation persists: Get medical advice/attention. Get medical advice/attention if you feel unwell. Rinse mouth. A rescuer should wear personal protective equipment, such as rubber gloves and air-tight goggles.		
Protection of first-aiders:			
4.2 Most important symptoms and effect No data available	ts, both acute and delayed		
4.3 Indication of any immediate medical No data available	attention and special treatment needed		
SECTION 5: Firefighting measures			
5.1 Extinguishing media			
Suitable extinguishing media:	Dry chemical, foam, water spray, carbon dioxide.		
5.2 Special hazards arising from the substance or mixture	Take care as it may decompose upon combustion or in high temperatures to generate poisonous fume. Carbon dioxide, Carbon monoxide, Hydrogen fluoride		
5.3 Advice for firefighters	Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Keep containers cool by spraying with water. Eliminate all ignition sources if safe to do so. When extinguishing fire, be sure to wear personal protective equipment		
SECTION 6: Accidental release mea			
6.1 Personal precautions, protective equipment and emergency procedures	Use extra personal protective equipment (self-contained breathing apparatus). Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Entry to non-involved personnel should be controlled around the leakage area by roping off, etc		
6.2 Environmental precautions	Prevent product from entering drains		
6.3 Methods and materials for containment and cleaning up	Absorb spilled material in dry sand or inert absorbent before recovering it into an airtight container. In case of large amount of spillage, contain a spill by bunding. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations. Remove all sources of ignition. Fire-extinguishing devices should be prepared in case of a fire. Use spark-proof tools and explosion-proof equipment.		
6.4 Reference to other sections	For disposal see section 13.		
SECTION 7: Handling and storage			
7.1 Precautions for safe handling	Handling is performed in a well ventilated place. Wear suitable protective equipment. Prevent generation of vapour or mist. Keep away from heat/sparks/open flame/hot surfacesNo smoking. Take measures to prevent the build up of electrostatic charge. Use explosion-proof equipment. Wash hands and face thoroughly after handling. Use a closed system if possible. Use a ventilation, local exhaust if vapour or aerosol will be generated. Avoid contact with skin, eyes and clothing.		
7.2 Conditions for safe storage, including any incompatibilities	Keep container tightly closed. Store in an explosion-poof refregerator. Store away from incompatible materials such as oxidizing agents. Heat-sensitive		
7.3 Specific end use(s)	No further relevant information available.		
SECTION 8: Exposure controls/per	sonal protection		
8.1 Control parameters	No data available		
8.2 Exposure controls	Install a closed system or local exhaust. Also install safety shower and eye bath.		
Respiratory protection: Hand protection: Eye protection: Skin and body protection:	Vapor respirator. Follow local and national regulations. Protective gloves. Safety glasses. A face-shield, if the situation requires. Protective clothing. Protective boots, if the situation requires.		
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SECTION 9: Physical and chemical properties 9.1 Information on basic physical and chemical proper

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Physical state (20°C):	Liquid			
Form:	Clear			
Colour:	Colorless - Slightly pale yellow No data available			
Odour:				
pH:	No data available			
Melting point/freezing point:	No data available			
Boiling point/range:	106°C			
Flash point:	21°C			
Evaporation rate(Butyl Acetate=1):	No data available			
Flammability(solid, gas):	No data available			
Flammability or explosive limits:				
Lower:	No data available			
Upper:	No data available			
Vapour pressure:	No data available.			
Vapour density:	No data available			
Relative density:	No data available			
Solubility(ies):				
[Water]	No data available			
[Other solvents]	No data available			
Partition coefficient:	No data available			
n-octanol/water:				
Autoignition temperature:	No data available			
Decomposition temperature:	No data available			
Dynamic Viscosity:	No data available			
Kinematic viscosity:	No data available			
9.2 Other safety information	No data available			

SECTION 10: Stability and reactivity No data available 10.1 Reactivity No data available 10.2 Chemical stability Stable under proper conditions. 10.3 Possibility of hazardous reactions No special reactivity has been reported. 10.4 Conditions to avoid Spark, Open flame, Static discharge 10.5 Incompatible materials Oxidizing agents

10.6 Hazardous decomposition products Carbon dioxide, Carbon monoxide, Hydrogen fluoride

SECTION 11: Toxicological information

1.1 Information on toxicological effects		
Acute Toxicity:	No data available	
Skin corrosion/irritation:	No data available	
Serious eye damage/irritation:	No data available	
Respiratory or skin sensitization:	No data available	
Germ cell mutagenicity:	No data available	
Carcinogenicity:		
IARC =	No data available	
NTP =	No data available	
Reproductive toxicity:	No data available	
STOT-single exposure:	No data available	
STOT-repeated exposure:	No data available	
Aspiration hazard:	No data available	

SECTION 12: Ecological information		
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12.1 Toxicity		
Fish:	No data available	
Crustacea:	No data available	
Algae:	No data available	
12.2 Persistence and degradability	No data available	
12.3 Bioaccumulative potential	No data available	
12.4 Mobility in soil		
Log Pow:	No data available	
Soil adsorption (Koc):	No data available	
Henry's Law (PaM ³/mol):	No data available	
12.5 Results of PBT and vPvB assessn	ient	
PBT:	Not applicable	
vPvB:	Not applicable	
12.6 Other adverse effects	No data available	
SECTION 13: Disposal considerations		

13.1 Waste treatment methods

Recycle to process, if possible. Consult your local regional authorities. You may be able to burn in a chemical incinerator equipped with an afterburner and scrubber system but exert extra care in igniting as this material is highly flammable. Observe all federal, state and local regulations when disposing of the substance

SECTION 14: Transport informat	ion
14.1 UN number	1993
14.2 UN proper shipping name	
ADR/RID	Flammable liquid, n.o.s
IMDG/IMO	Flammable liquid, n.o.s
ICAO/IATA	Flammable liquid, n.o.s
14.3 Transport hazard class(es)	
ADR/RID	3: Flammable liquid
IMDG/IMO	3: Flammable liquid
ICAO/IATA	3: Flammable liquid
14.4 Packaging group	
ADR/RID	И
IMDG/IMO	И
ICAO/IATA	II
14.5 Environmental hazards	
Marine pollutant	-
14.6 Special precautions for user	No data available

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Substance of Very High Concern (SVHC) according to the Not listed REACH Regulations (EC) No.1907/2006

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15.2 Chemical safety assessment

A chemical safety assessment has not been carried out.

SECTION 16: Other information	
Prepared by:	TCI EUROPE N.V.
Issue date:	10/03/2018

This SDS was prepared sincerely on the basis of the information we could obtained, however, any warranty shall not be given regarding the data contained and the assessment of hazards and toxicity. Prior to use, please investigate not only the hazards and toxicity information but also the laws and regulations of the organization, area and country where the products are to be used, which shall be given the first priority. The products are supposed to be used promptly after purchase in consideration of safety. Some new information or amendments may be added afterwards. If the products are to be used for behind the expected time of use or you have any questions, please feel free to contact us. The stated cautions are for normal handling only. In case of special handling, sufficient care should be taken, in addition to the safety measures suitable for the situation. All chemical products should be treated with the recognition of storage. The products must be handled only by those who are familiar with specialized knowledge and have experience or under the guidance of those specialists throughout use from opening to storage and disposal. Safe usage conditions shall be set up on each user's own responsibility.

End of Safety Data Sheet

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