**C**I TCI EUROPE N.V.

## SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Revi	sion number: 1	Revision date:	11/24/2022
SECTION 1: Identification of the su	bstance/mixture and of the company/undertaking		
1.1 Product identifiers Product name: Product code:	2,2,3,3-Tetrafluoro-1,4-dimethoxybutane T4090		
1.2 Relevant identified uses of the subs Identified uses:	tance or mixture and uses advised against Reagents.		
1.3 Details of the supplier of the safety Supplier: TCI EUROPE N.V.	data sheet		
Boerenveldseweg 6 Haven 1063 B-2070 Zwijndrecht Telephone: +32(0)3 735 07 00 E-mail: sales-eu@tcichemicals.	com		
1.4 Emergency telephone number:	+32(0)70 245 245		
SECTION 2: Hazards identification			
2.1 Classification of the substance or m Flammable liquids	ixture Category 3		
Pictograms or hazard symbols			
Signal word Hazard statements Precautionary statements	Warning H226-Flammable liquid and vapour. P210-Keep away from heat/sparks/open flames/hot surfaces No smo P233-Keep container tightly closed. P280-Wear protective gloves, eye protection. P303+P361+P353-IF ON SKIN (or hair): Take off immediately all conta with water or shower. P370+P378-In case of fire: Use dry chemical or dry sand to extinguish. P403+P235-Store in a well-ventilated place. Keep cool.	minated clothing. Rir	nse skin
2.3 Other hazards Results of PBT and vPvB assessmen			
PBT: vPvB:	Not applicable Not applicable		
SECTION 3: Composition/information	on on ingredients		
3.1 Substances	2.2.2.2 Totrofluoro 1.4 dimothovukutoro		
Components: Percent:	2,2,3,3-Tetrafluoro-1,4-dimethoxybutane >98.0%(GC)		
CAS RN:	2738080-99-2		
Synonyms:	FDMB		
Chemical Formula:	C <sub>6</sub> H <sub>10</sub> F <sub>4</sub> O <sub>2</sub>		

2,2,3,3-Tetrafluoro-1,4-dimethoxy butane

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. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention.
Eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion:	Get medical advice/attention if you feel unwell. Rinse mouth.
Protection of first-aiders:	A rescuer should wear personal protective equipment, such as rubber gloves and air-tight goggles.

**<sup>4.2</sup> Most important symptoms and effects, both acute and delayed** No data available

T4090

**4.3 Indication of any immediate medical attention and special treatment needed** No data available

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including any incompatibilities incompatible main	med in a well ventilated place. Wear suitable protective equipment. Prevent our or mist. Keep away from heat/sparks/open flame/hot surfacesNo smoking. Take ent the build up of electrostatic charge. Use explosion-proof equipment. Wash hands ally after handling. Use a closed system if possible. Use a ventilation, local exhaust if will be generated. Avoid contact with skin, eyes and clothing.
7.3 Specific end use(s) No further releva	phtly closed. Store in a cool, dark and well-ventilated place. Store away from arials such as oxidizing agents.
	t information available.
SECTION 8: Exposure controls/personal protection	
8.1 Control parameters No data available	
8.2 Exposure controls Install a closed s	
	stem or local exhaust. Also install safety shower and eye bath.
Hand protection: Protective gloves	stem or local exhaust. Also install safety shower and eye bath. Follow local and national regulations.
	Follow local and national regulations.
Skin and body protection: Protective clothin	Follow local and national regulations.

2,2,3,3-Tetrafluoro-1,4-dimethoxy

butane

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## SECTION 9: Physical and chemical properties

Section 7.1 Hysical and chemical	properties
9.1 Information on basic physical and cl	hemical properties
Physical state (20°C):	Liquid
Form:	Clear
Colour:	Colorless - Pale yellow
Odour:	No data available
pH:	No data available
Melting point/freezing point:	No data available
Boiling point/range:	No data available
Flash point:	49°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:	0.98
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	
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 monoxide, Carbon dioxide, Hydrogen fluoride

SECTION 11: Toxicological information		
11.1 Information on toxicological effects	i de la construcción de la constru	
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 informat	ion
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 <sup>3</sup> /mol):	No data available
12.5 Results of PBT and vPvB assess	
PBT:	Not applicable
vPvB:	Not applicable
12.6 Other adverse effects	No data available
SECTION 13: Disposal considera	tions
13.1 Waste treatment methods	
	sult your local regional authorities. You may be able to burn in a chemical incinerator equipped with a bserve all federal, state and local regulations when disposing of the substance.
SECTION 14: Transport informati	on
14.1 UN number	3271
14.2 UN proper shipping name	
ADR/RID	Ethers, n.o.s
IMDG/IMO	Ethers, n.o.s
ICAO/IATA	Ethers, 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	111
IMDG/IMO	111
ICAO/IATA	III
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

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out.

an

SECTION 16: Other information	
Prepared by:	TCI EUROPE N.V.
Issue date:	11/24/2022

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 far 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 "having unknown hazards and toxicity", which differ greatly depending on the conditions and handling when in use and/or the conditions and duration 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