

# Safety Data Sheet

According to SS 586 Part 3 (2022) Issue date: 29.10.2025

Revision date: Supersedes: Version: 1.0

## **SECTION 1: Identification**

#### 1.1. Product identifier

Trade name CF ISO 500+ / CF ISO 750+ / CF-I 65 ECO / CF-I ECO +

Product code BU Fire Protection Foam

Product form Mixture

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Recommended use PU installation foams

#### 1.4. Supplier's details

Supplier

Hilti Far East Private Ltd.

80 Pasir Panjang Road, #16-83/84 Mapletree Business City Singapore

Singapur 117372

T +65 6777 7887 - F +65 6777 3057

sg-customerservice@hilti.com

#### Department issuing data specification sheet

Hilti AG

Feldkircher Strasse Schaan Liechtenstein 9494

T +423 234 2111

product.compliance-fire.protection@hilti.com

#### 1.5. Emergency phone number

Emergency number GBK GmbH Global Regulatory Compliance

+49 (0)6132-84463

# **SECTION 2: Hazard identification**

#### 2.1. Classification of the substance or mixture

Physical hazards Aerosols, Category 1

Health hazards Acute toxicity (Inhalation:dust,mist), Category 4

Skin corrosion/irritation, Category 2

Serious eye damage/eye irritation, Category 2

Respiratory sensitisation, Category 1 Skin sensitisation, Category 1 Carcinogenicity, Category 2

Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

Specific target organ toxicity - Repeated exposure, Category 2

## 2.2. GHS label elements, including precautionary statements

Hazard pictograms (GHS SG)



Danger





# Signal word (GHS SG)

## Hazard statements (GHS SG)

H222: Extremely flammable aerosol

H229: Pressurised container: May burst if heated

H315: Causes skin irritation

H317: May cause an allergic skin reaction

H319: Causes serious eye irritation

H332 : Harmful if inhaled

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 : May cause respiratory irritation H351 : Suspected of causing cancer.

H373: May cause damage to organs through prolonged or repeated exposure

#### **Precautionary statements**

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#### Prevention

P210 : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211: Do not spray on an open flame or other ignition source.

P251: Do not pierce or burn, even after use.

P260: Do not breathe spray.

P280: Wear eye protection, protective clothing, protective gloves.

#### Storage

P410+P412 : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

#### 2.3. Other hazards which do not result in classification

No additional information available

# SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

## 3.2. Mixtures

Name	Synonyms	Concentration (%)	Formula	Product identifier	GHS SG classification
4,4'-diphenylmethanediisocyanate, isomeres and homologues	-	25 – 60	Fórmula química no especificada	CAS-No.: 9016-87-9 EC-No.: 618-498-9	Flam. Liq. Not classified Acute Tox. Not classified (Oral) Acute Tox. Not classified (Dermal) Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335 STOT RE 2, H373
Reaction products of phosphoryl trichloride and 2-methyloxirane	-	10 – 25	C9H18Cl3O4 P	CAS-No.: 13674-84-5 EC-No.: 237-158-7	Acute Tox. 4 (Oral), H302 Carc. 2, H351

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Name	Synonyms	Concentration (%)	Formula	Product identifier	GHS SG classification
Dimethyl ether (Propellant gas (Aerosol))	DEMEON D / dimethyl ether / dimethyl oxide / DYMEL A / ether, dimethyl / ether, methyl / methane, oxybis- / methyl ether / methyl oxide / oxibismethan e / oxy- bis(methane) / oxybismethan e / productcode 002D0808 / wood ether	5 – 25	С2Н6О	CAS-No.: 115-10-6 EC-No.: 204-065-8 EC Index-No.: 603- 019-00-8	Flam. Gas 1, H220 Press. Gas (Comp.), H280 Aquatic Acute Not classified
propane (Propellant gas (Aerosol))	A 108 / dimethyl methane / ethylmethyl / hydrocarbon propellant A- 108 / liquefied petroleum gas (=propane) / LPG (=propane) / LP-gas (=propane) / normal- propane / n- propane / petroleumgas (=propane) / protuctcode 002D0315 / propane / propane in gaseous state / propane, liquefied / propane, propyl dihydride / propyl hydride / pyrogas		C3H8	CAS-No.: 74-98-6 EC-No.: 200-827-9 EC Index-No.: 601- 003-00-5	Flam. Gas 1, H220 Press. Gas (Liq.), H280 Acute Tox. Not classified (Inhalation:gas)

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Name	Synonyms	Concentration (%)	Formula	Product identifier	GHS SG classification
isobutane (Propellant gas (Aerosol))	1,1- dimethylethan e / A 31 (hydrocarbon) / hydrocarbon propellant A- 31 / isobutane / isobutane (FAO) / isomethylethyl methane / methylpropan e / petroleum gas / Product code 002D0326 / propane, 2- methyl- / R600a / trimethylmeth ane	1 – 10	C4H10	CAS-No.: 75-28-5 EC-No.: 200-857-2 EC Index-No.: 601- 004-00-0	Flam. Gas 1, H220 Press. Gas (Comp.), H280 Acute Tox. Not classified (Inhalation:gas)

The product is an aerosol. The components' disclosure has been adjusted to no longer include the propellant.

# **SECTION 4: First-aid measures**

First-aid measures general IF exposed or concerned: Get medical advice/attention. Call a poison center or a doctor if

you feel unwell.

Inhalation Remove person to fresh air and keep comfortable for breathing. Call a poison center or a

doctor if you feel unwell.

Skin contact Wash contaminated clothing before reuse. Wash skin with plenty of water. Take off

contaminated clothing. 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. If eye irritation

persists: Get medical advice/attention.

Ingestion Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison

center or a doctor if you feel unwell.

#### 4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation Danger of serious damage to health by prolonged exposure through inhalation. May cause

allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin

reaction. May cause respiratory irritation. Harmful if inhaled.

Causes skin irritation. Irritation. May cause an allergic skin reaction.

Symptoms/effects after skin contact

Causes skin irritation. Irritation. May cause ar
Symptoms/effects after eye contact

Causes serious eye irritation. Eye irritation.

Symptoms/effects after ingestion None under normal conditions.

#### 4.3. Indication of immediate medical attention and special treatment needed, if necessary

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# **SECTION 5: Fire-fighting measures**

## 5.1. Suitable extinguishing media

Suitable extinguishing media Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media Do not use a heavy water stream.

#### 5.2. Specific hazards arising from the chemical

Fire hazard Extremely flammable aerosol.

Explosion hazard Pressurised container: May burst if heated. Hazardous decomposition products in case of fire Vapours may form explosive mixture with air.

#### 5.3. Special protective actions for fire fighters

chemical fire. Prevent fire fighting water from entering the environment. Do not enter fire

area without proper protective equipment, including respiratory protection.

Protection during firefighting Do not enter fire area without proper protective equipment, including respiratory protection.

Do not attempt to take action without suitable protective equipment. Self-contained

breathing apparatus. Complete protective clothing.

# **SECTION 6: Accidental release measures**

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.

Absorb spillage to prevent material damage.

6.1.1. For non-emergency personnel

Protective equipment Wear recommended personal protective equipment.

Emergency procedures Ventilate spillage area. Evacuate unnecessary personnel. No open flames, no sparks, and

no smoking. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin and

eyes.

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 Ventilate area. Evacuate unnecessary personnel. Stop leak if safe to do so.

# 6.2. Environmental precautions

Methods for cleaning up

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

## 6.3. Methods and material for containment and cleaning up

For containment Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to

prevent migration and entry into sewers or streams. Stop leak without risks if possible. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. Mechanically recover the product. Notify

authorities if product enters sewers or public waters.

Other information After curing, the product can be disposed of with household waste. Dispose of materials or

solid residues at an authorized site.

# **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

Additional hazards when processed Not expected to present a significant hazard under anticipated conditions of normal use.

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Precautions for safe handling Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Do not breathe spray. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes. May form flammable/explosive vapour-air mixture. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Provide good ventilation in process area to prevent formation of vapour.

Hygiene measures Wash hands, forearms and face thoroughly after handling. Contaminated work clothing

should not be allowed out of the workplace. Wash contaminated clothing before reuse. 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

Storage conditions Keep only in the original container in a cool, well ventilated place away from : Keep

container tightly closed. Protect from sunlight. Do not expose to temperatures exceeding 50

°C/ 122 °F. Store locked up. Store in a well-ventilated place.

Incompatible products

Strong bases. Strong acids.

Incompatible materials

Sources of ignition. Direct sunlight.

Storage temperature 5-25 °C

Heat and ignition sources

Keep away from heat and direct sunlight. Keep away from ignition sources.

Packaging materials

Store always product in container of same material as original container.

# **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters/Occupational exposure limits

No additional information available

#### 8.2. Appropriate engineering control measures

Appropriate engineering controls Ensure good ventilation of the work station.

## 8.3. Individual protection measures, such as personal protective equipment (PPE)

#### Personal protective equipment:

Hand protection

Protective clothing. Safety glasses. Gloves. Avoid all unnecessary exposure.

Wear suitable gloves tested to EN374. Suitable for short-term work or as a splash guard: Nitrile rubber gloves (> 0.1 mm). In case of permanent product contact:

Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	>0,35mm		
Disposable gloves	Butyl rubber	6 (> 480 minutes)	>0,35mm		

Eye protection Use eye protection according to EN 166. Chemical goggles or safety glasses

Skin and body protection Wear suitable protective clothing

Respiratory protection

Not necessary with sufficient ventilation. Ensure good ventilation of the work station. Open windows during application to ensure natural ventilation. If the occupational exposure limit is exceeded: Wear appropriate mask. (e.g. gas filter type A1-P2 according to EN 14387). [In

case of inadequate ventilation] wear respiratory protection.

#### Personal protective equipment symbol(s)







Environmental exposure controls

Avoid release to the environment

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# **SECTION 9: Physical and chemical properties**

# 9.1. Information on basic physical and chemical properties

Physical state Liquid Appearance Aerosol. Colour Grey Odour characteristic Odour threshold No data available Not available рΗ Not available Melting point Not available Freezing point Not available Initial boiling point and boiling range Not available Flash point

Flammability Extremely flammable aerosol.

Explosive limits Explosive properties: Pressurised container: May burst if heated.

Not available

Vapour pressure

Relative vapour density at 20°C

Density

Relative density

1.047 g/cm³

Relative density

Not available

1.047

Solubility Not available Partition coefficient n-octanol/water (Log Kow) Not available Partition coefficient n-octanol/water (Log Pow) Not available Auto-ignition temperature Not available Not available Decomposition temperature Not available Viscosity, kinematic Not available Particle size Particle size distribution Not available Particle shape Not available Particle aspect ratio Not available Not available Particle specific surface area

#### 9.2. Other information

VOC content 20.76 %

# **SECTION 10: Stability and reactivity**

## 10.1. Reactivity

Evaporation rate

Extremely flammable aerosol. Pressurised container: May burst if heated.

#### 10.2. Chemical stability

Not established.

# 10.3. Possibility of hazardous reactions

Not established.

#### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

#### 10.5. Incompatible materials

Strong acids. Strong bases.

# 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

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# **SECTION 11: Toxicological information**

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Acute toxicity (oral) Not classified.

Acute toxicity (dermal) Not classified

Acute toxicity (inhalation) Inhalation:dust,mist: Harmful if inhaled.

CF ISO 500+ / CF ISO 7	50+ / CF-I 65 ECO / CF-I ECO +
------------------------	--------------------------------

ATE SG (dust,mist) 2.25 mg/l/4h

## 4,4'-diphenylmethanediisocyanate, isomeres and homologues (9016-87-9)

LD50 oral rat	> 10000 mg/kg (Rat, Literature study, Oral)
LD50 dermal rabbit	> 5000 mg/kg (Rabbit, Literature study, Dermal)
LD50 dermal	9400 mg/kg
LC50 Inhalation - Rat	0.49 mg/l

# propane (74-98-6)

LC50 Inhalation - Rat [ppm] > 800000 ppm (15 minutes, Rat, Male / female, Experimental value, Inhalation (gases))

# isobutane (75-28-5)

LC50 Inhalation - Rat [ppm] > 800000 ppm (15 minutes, Rat, Male / female, Experimental value, Inhalation (gases))

Skin corrosion or irritation Causes skin irritation.

Serious eye damage or irritation Causes serious eye irritation.

Respiratory or skin sensitisation May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an

allergic skin reaction.

Germ cell mutagenicity Not classified

Carcinogenicity Suspected of causing cancer.

## 4,4'-diphenylmethanediisocyanate, isomeres and homologues (9016-87-9)

IARC group 3 - Not classifiable

Reproductive toxicity Not classified

STOT-single exposure May cause respiratory irritation.

#### 4,4'-diphenylmethanediisocyanate, isomeres and homologues (9016-87-9)

STOT-single exposure May cause respiratory irritation.

STOT-repeated exposure May cause damage to organs through prolonged or repeated exposure.

## 4,4'-diphenylmethanediisocyanate, isomeres and homologues (9016-87-9)

STOT-repeated exposure May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard Not classified

# CF ISO 500+ / CF ISO 750+ / CF-I 65 ECO / CF-I ECO +

Vaporizer Aerosol

Density 1.047 g/cm³

## **SECTION 12: Ecological information**

#### 12.1. Toxicity

Hazardous to the aquatic environment, short-term

(acute)

Not classified.

Hazardous to the aquatic environment, long-term

(chronic)

Not classified

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4,4'-diphenylmethanediisocyanate, isomere	s and homologues (9016-87-9)	
LC50 - Other aquatic organisms [1]	> 1000 mg/l (96 h, Literature study)	
BCF - Fish [1]	268.1 l/kg (BCFBAF v3.01, Estimated value, Fresh weight)	
Partition coefficient n-octanol/water (Log Pow)	10.46 (Calculated, KOWWIN)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	9.078 – 10.597 (log Koc, SRC PCKOCWIN v2.0, Calculated value)	
Dimethyl ether (115-10-6)		
LC50 - Fish [1]	> 4100 mg/l (NEN 6504: Water - Determination of toxicity with Poecilia reticulata, 96 h, Poecilia reticulata, Semi-static system, Fresh water, Experimental value, Lethal)	
EC50 - Crustacea [1]	> 4400 mg/l (NEN 6501: Water - Determination of toxicity with Daphnia magna, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Lethal)	
EC50 96h - Algae [1]	154.9 mg/l (ECOSAR v1.00, Algae, QSAR, Estimated value)	
Partition coefficient n-octanol/water (Log Pow)	0.1 (Experimental value)	
, ,	5 (2ps	
propane (74-98-6)		
EC50 96h - Algae [1]	12 mg/l (ECOSAR v1.00, Algae, Fresh water, QSAR)	
Partition coefficient n-octanol/water (Log Pow)	1.1 – 2.8 (Experimental value, 20 °C)	
, ,	1.1 2.0 (Expositional value, 20°0)	
isobutane (75-28-5)		
EC50 96h - Algae [1]	8.57 mg/l (ECOSAR v1.00, Algae, Fresh water, QSAR)	
Partition coefficient n-octanol/water (Log Pow)	1.09 – 2.8 (Experimental value, 20 °C)	
Reaction products of phosphoryl trichloride	, ,	
reaction products of phosphory themories	Sund 2-inchigioxilatic (10074-04-0)	
I2.2. Persistence and degradability		
CF ISO 500+ / CF ISO 750+ / CF-I 65 ECO / C		
Persistence and degradability	Rapidly degradable	
4,4'-diphenylmethanediisocyanate, isomere	s and homologues (9016-87-9)	
Persistence and degradability	Not readily biodegradable in water.	
Dimethyl ether (115-10-6)		
Persistence and degradability	Non degradable in the soil. Not readily biodegradable in water.	
propane (74-98-6)		
Persistence and degradability	Readily biodegradable in water.	
isobutane (75-28-5)		
Persistence and degradability	Readily biodegradable in water.	
12.3. Bioaccumulative potential		
CF ISO 500+ / CF ISO 750+ / CF-I 65 ECO / C	F-I ECO +	
CF 13U 3UUT / CF 13U / 3UT / CF-1 b3 ECU / C		

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1,4'-diphenylmethanediisocyanate, isomeres and homologues (9016-87-9)				
BCF - Fish [1]	268.1 l/kg (BCFBAF v3.01, Estimated value, Fresh weight)			
Partition coefficient n-octanol/water (Log Pow)	10.46 (Calculated, KOWWIN)			
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	9.078 – 10.597 (log Koc, SRC PCKOCWIN v2.0, Calculated value)			
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).			
Dimethyl ether (115-10-6)				
Partition coefficient n-octanol/water (Log Pow)	0.1 (Experimental value)			
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).			
propane (74-98-6)				
Partition coefficient n-octanol/water (Log Pow)	1.1 – 2.8 (Experimental value, 20 °C)			
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).			
isobutane (75-28-5)				
Partition coefficient n-octanol/water (Log Pow)	1.09 – 2.8 (Experimental value, 20 °C)			
Bioaccumulative potential Low potential for bioaccumulation (Log Kow < 4).				
40.4.88-1-1114-1				

# 12.4. Mobility in soil

CF ISO 500+ / CF ISO 750+ / CF-I 65 ECO / CF-I ECO +					
Mobility in soil	No additional information available				
4,4'-diphenylmethanediisocyanate, isomeres	4,4'-diphenylmethanediisocyanate, isomeres and homologues (9016-87-9)				
Surface tension	No data available in the literature				
Partition coefficient n-octanol/water (Log Pow)	10.46 (Calculated, KOWWIN)				
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	9.078 – 10.597 (log Koc, SRC PCKOCWIN v2.0, Calculated value)				
Ecology - soil	Adsorbs into the soil.				
Dimethyl ether (115-10-6)					
Surface tension	No data available in the literature				
Partition coefficient n-octanol/water (Log Pow)	0.1 (Experimental value)				
Ecology - soil	Not applicable (gas).				
propane (74-98-6)					
Surface tension	No data available in the literature				
Partition coefficient n-octanol/water (Log Pow)	1.1 – 2.8 (Experimental value, 20 °C)				
Ecology - soil	Not applicable (gas).				
isobutane (75-28-5)					
Surface tension	No data available in the literature				
Partition coefficient n-octanol/water (Log Pow)	1.09 – 2.8 (Experimental value, 20 °C)				
Ecology - soil	Not applicable (gas).				

# 12.5. Other adverse effects

Ozone Not classified

Other adverse effects No additional information available

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# **SECTION 13: Disposal considerations**

Waste treatment methods

Sewage disposal recommendations

Product/Packaging disposal recommendations

Dispose of contents/container in accordance with licensed collector's sorting instructions.

Disposal must be done according to official regulations.

Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. Disposal must be done according to official

regulations.

Additional information Do not re-use empty containers.

# **SECTION 14: Transport information**

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID n	umber			
UN 1950	UN 1950	UN 1950	UN 1950	UN 1950
14.2. UN proper shippin	g name			
AEROSOLS	AEROSOLS	Aerosols, flammable	AEROSOLS	AEROSOLS
Transport document descr	iption			
UN 1950 AEROSOLS, 2.1, (D)	UN 1950 AEROSOLS, 2.1	UN 1950 Aerosols, flammable, 2.1	UN 1950 AEROSOLS, 2.1	UN 1950 AEROSOLS, 2.1
14.3. Transport hazard o	class(es)			
2.1	2.1	2.1	2.1	2.1
		*		*
14.4. Packing group				I
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental haz	zards			
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information	n available			

# 14.6. Special precautions for user

#### **Overland transport**

Classification code (ADR) 5F

Special provisions (ADR) 190, 327, 344, 625

Limited quantities (ADR) 1I

Packing instructions (ADR) P207, LP02
Mixed packing provisions (ADR) MP9
Transport category (ADR) 2
Tunnel restriction code (ADR) D

#### Transport by sea

Special provisions (IMDG) 63, 190, 277, 327, 344, 959

Limited quantities (IMDG) SP277
Packing instructions (IMDG) P207, LP02
EmS-No. (Fire) F-D

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EmS-No. (Spillage) S-U Stowage category (IMDG) None MFAG-No 126

Air transport

PCA packing instructions (IATA) 203
PCA max net quantity (IATA) 75kg
CAO packing instructions (IATA) 203

Special provisions (IATA) A145, A167, A802

Inland waterway transport

Classification code (ADN) 5F

Special provisions (ADN) 19, 327, 344, 625

Limited quantities (ADN)1 LExcepted quantities (ADN)E0Equipment required (ADN)PP, EX, AVentilation (ADN)VE01, VE04

Number of blue cones/lights (ADN) 1

Rail transport

Special provisions (RID) 190, 327, 344, 625

Limited quantities (RID) 1L

Packing instructions (RID) P207, LP02

# 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

# **SECTION 15: Regulatory information**

## 15.1. Safety, health and environmental regulations specific for the product in question

Regulation		Component / Mixture
Workplace Safety and Health Act & Workplace Safety and Health (General Provisions) Regulations	Applicable	4,4'-diphenylmethanediisocyanate, isomeres and homologues; Dimethyl ether; propane; isobutane; Reaction products of phosphoryl trichloride and 2-methyloxirane
Arms and Explosives Act	Not applicable	
Chemical Weapons Prohibition Act		
Environmental Protection and Management (Air Impurities) Regulations		
Environmental Protection and Management Act (Hazardous Substances)		
Environmental Public Health (Quality of Piped Drinking Water) Regulations		
Fire Safety Act/Fire Safety (Petroleum and Flammable Materials) Regulations	Petroleum and Flammable Materials	Dimethyl ether; Propane; Isobutane
Maritime and Port Authority of Singapore (Dangerous, Petroleum and Explosives) Regulations	Maritime and Port Authority-Dangerous Goods	Dimethyl ether; Propane; Isobutane
Misuse of Drugs Act	Not applicable	
Poisons Act		

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Regulation	Component / Mixture
Poisons Rules	
Hazardous waste (Control of export, import and transit) Act	
Strategic goods (Control) Act	

## 15.2. International regulations

No additional information available

# **SECTION 16: Other information**

Issue date

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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