

Safety Data Sheet

according to the United Nations GHS (Rev. 6, 2015)

Issue date: 21/02/2025 Revision date: 21/02/2025 Supersedes: 22/11/2021 Version: 2.0

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1.1. GHS Product identifier

Product form Mixture

Trade name CF 125-50 / CF 125-5W50 / CF 126 / CF-I 750 B2 / CF-I 750/B2-SV / CF ISO 750

UN-No. (ADR) 1950

Product code BU Fire Protection Foam

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

No additional information available

1.4. Supplier's details

Supplier

Hilti (Hong Kong) Ltd.

701-704, 7/F, Tower A, Manulife Financial Centre

223 Wai Yip Street, Kwun Tong

HK Kowloon Hong Kong

T +852 27734 700

hksales@hilti.com

Department issuing data specification sheet

Hilti AG

Feldkircher Strasse 100 FL 9494 Schaan Liechtenstein T +423 234 2111

product.compliance-fire.protection@hilti.com

1.5. Emergency phone number

Emergency number Emergency CONTACT (24-Hour-Number):

GBK GmbH Global Regulatory Compliance

+49 (0)6132-84463

+852 27734 700

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification according to the United Nations GHS

Aerosol, Category 1	H222;H229	On basis of test
		data
Skin corrosion/irritation, Category 2	H315	Calculation method
Serious eye damage/eye irritation, Category 2	H319	Calculation method
Respiratory sensitisation, Category 1	H334	Calculation method
Skin sensitisation, Category 1	H317	Calculation method
Carcinogenicity, Category 2	H351	Calculation method
Specific target organ toxicity – Repeated exposure, Category 2	H373	Calculation method

Full text of H-statements: see section 16

2.2. GHS Label elements, including precautionary statements

Labelling according to the United Nations GHS

Hazard pictograms (GHS UN)





Signal word (GHS UN) Danger

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Hazard statements (GHS UN)

according to the United Nations GHS (Rev. 6, 2015)

Hazardous ingredients 4,4'-diphenylmethanediisocyanate, isomeres and homologues; Reaction products of

> phosphoryl trichloride and 2-methyloxirane 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

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled

H351 - Suspected of causing cancer

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

Precautionary statements (GHS UN) P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

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.

P308+P313 - IF exposed or concerned: Get medical advice/attention.

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	Product identifier	%	Classification according to the United Nations GHS
4,4'-diphenylmethanediisocyanate, isomeres and homologues	CAS-No.: 9016-87-9	10 – 25	Flammable liquids Not classified Acute toxicity (oral) Not classified Acute toxicity (dermal) Not classified Acute toxicity (inhal.), Category 4, H332 Skin corrosion/irritation, Category 2, H315 Serious eye damage/eye irritation, Category 2, H319 Respiratory sensitisation, Category 1, H334 Skin sensitisation, Category 1, H317 Carcinogenicity, Category 2, H351 Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation, H335 Specific target organ toxicity — Repeated exposure, Category 2, H373

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Name	Product identifier	%	Classification according to the United Nations GHS
Reaction products of phosphoryl trichloride and 2-methyloxirane	CAS-No.: 13674-84-5	10 – 25	Acute toxicity (oral), Category 4, H302 Carcinogenicity, Category 2, H351 Hazardous to the aquatic environment – Chronic Hazard, Category 3, H412
Dimethyl ether (Propellant gas (Aerosol))	CAS-No.: 115-10-6	5 – 10	Flammable gases, Category 1A, H220 Gases under pressure: Compressed gas, H280 Hazardous to the aquatic environment – Acute Hazard Not classified
isobutane (Propellant gas (Aerosol))	CAS-No.: 75-28-5	5 – 10	Flammable gases, Category 1A, H220 Gases under pressure : Compressed gas, H280
propane (Propellant gas (Aerosol))	CAS-No.: 74-98-6	2.5 – 5	Flammable gases, Category 1A, H220 Gases under pressure : Liquefied gas, H280

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

Full text of H-statements: see section 16

SECTION 4: First-aid measures

11	Description	of necessary	firet_aid	moseuroe
4.1.	Describtion	of necessary	iirst-aid i	measures

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

you feel unwell.

First-aid measures after inhalation Remove person to fresh air and keep comfortable for breathing. Call a poison center or a

doctor if you feel unwell.

First-aid measures after 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.

First-aid measures after 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.

First-aid measures after 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.

Symptoms/effects after skin contact Causes skin irritation. Irritation. May cause an allergic skin reaction.

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

Treat symptomatically.

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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 materials 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.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

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.

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

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.

Heat and ignition sources

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

Packaging materials

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

Always store product in container of same material as original container.

Storage temperature 5 – 25 °C

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls

Environmental exposure controls

Other information

Ensure good ventilation of the work station.

Avoid release to the environment.

Do not eat, drink or smoke during use.

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

Personal protective equipment:

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

Hand protection 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		

Skin and body protection Wear suitable protective clothing

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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)







8.4. Exposure limit values for the other components

No additional information available

SECTION 9: Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state Liquid
Appearance Aerosol
Colour Manila.

Odour ether-like odour.
Odour threshold Not available
Melting point Not available
Freezing point Not available
Boiling point Not available

Flammability Non flammable, Extremely flammable aerosol.

Not available Lower explosion limit Upper explosion limit Not available Not available Flash point Not available Auto-ignition temperature Not available Decomposition temperature Not available рΗ Not available pH solution Viscosity, kinematic (calculated value) (40 °C) Not available Partition coefficient n-octanol/water (Log Kow) Not available 5100 hPa Vapour pressure Not available Vapour pressure at 50°C 1.049 g/cm³ Density Relative density Not available Relative vapour density at 20°C Not available Solubility Not available Particle size Not applicable

9.2. Data relevant with regard to physical hazard classes (supplemental)

Explosive properties Pressurised container: May burst if heated.

% of flammable ingredients 25 %

SECTION 10: Stability and reactivity

10.1. Reactivity

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

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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.

SECTION 11: Toxicological information

11.1.	Informat	ion on '	toxico	logical	effects
Acute	toxicity (or	(اد			

Acute toxicity (oral)

Acute toxicity (dermal)

Acute toxicity (inhalation)

Not classified

Not classified

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]

isobutane (75-28-5)

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

130Dutane (73-20-3)

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

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/irritation Causes serious eye irritation.

Respiratory or skin sensitization 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	Not classified	

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	

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CF 125-50 / CF 125-5W50 / CF 126 / CF-I 750 B2 / CF-I 750/B2-SV / CF ISO 750		
Vaporizer	Aerosol	

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term

Hazardous to the aquatic environment, long-term

(chronic)

Not classified

Not classified

(and the first of		
4,4'-diphenylmethanediisocyanate, isomeres and homologues (9016-87-9)		
> 1000 mg/l (96 h, Literature study)		
propane (74-98-6)		
12 mg/l (ECOSAR v1.00, Algae, Fresh water, QSAR)		
Dimethyl ether (115-10-6)		
> 4100 mg/l (NEN 6504: Water - Determination of toxicity with Poecilia reticulata, 96 h, Poecilia reticulata, Semi-static system, Fresh water, Experimental value, Lethal)		
> 4400 mg/l (NEN 6501: Water - Determination of toxicity with Daphnia magna, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Lethal)		
154.9 mg/l (ECOSAR v1.00, Algae, QSAR, Estimated value)		
isobutane (75-28-5)		
8.57 mg/l (ECOSAR v1.00, Algae, Fresh water, QSAR)		

12.2. Persistence and degradability

CF 125-50 / CF 125-5W50 / CF 126 / CF-I 750 B2 / CF-I 750/B2-SV / CF ISO 750			
Persistence and degradability	Rapidly degradable		
4,4'-diphenylmethanediisocyanate, isomeres and homologues (9016-87-9)			
Persistence and degradability	Not readily biodegradable in water.		
propane (74-98-6)			
Persistence and degradability	Readily biodegradable in water.		
Dimethyl ether (115-10-6)			
Persistence and degradability	Non degradable in the soil, Not readily biodegradable in water.		
isobutane (75-28-5)			
Persistence and degradability	Readily biodegradable in water.		
Reaction products of phosphoryl trichloride and 2-methyloxirane			
Persistence and degradability	Rapidly degradable		

12.3. Bioaccumulative potential

CF 125-50 / CF 125-5W50 / CF 126 / CF-I 750 B2 / CF-I 750/B2-SV / CF ISO 750	
Bioaccumulative potential	No additional information available

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4,4'-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 Kow)	10.46 (Calculated, KOWWIN)	
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).	
propane (74-98-6)		
Partition coefficient n-octanol/water (Log Kow)	1.1 – 2.8 (Experimental value, 20 °C)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).	
Dimethyl ether (115-10-6)		
Partition coefficient n-octanol/water (Log Kow)	0.1 (Experimental value)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).	
isobutane (75-28-5)		
Partition coefficient n-octanol/water (Log Kow)	1.09 – 2.8 (Experimental value, 20 °C)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).	

12.4. Mobility in soil

CF 125-50 / CF 125-5W50 / CF 126 / CF-I 750 B2 / CF-I 750/B2-SV / CF ISO 750			
Mobility in soil	No additional information available		
4,4'-diphenylmethanediisocyanate, isomeres and homologues (9016-87-9)			
Surface tension	No data available in the literature		
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.		
propane (74-98-6)			
Surface tension	No data available in the literature		
Ecology - soil	Not applicable (gas).		
Dimethyl ether (115-10-6)			
Surface tension	No data available in the literature		
Ecology - soil	Not applicable (gas).		
isobutane (75-28-5)			
Surface tension	No data available in the literature		
Ecology - soil	Not applicable (gas).		

12.5. Other adverse effects

Ozone Not classified

Other adverse effects No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods		
Regional waste regulation	Disposal must be done according to official regulations.	
Waste treatment methods	Dispose of contents/container in accordance with licensed collector's sorting instructions.	
Sewage disposal recommendations	Disposal must be done according to official regulations.	

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Product/Packaging disposal recommendations 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.

Ecological waste information Additional information

Avoid release to the environment. 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
***		2		
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental haz	ards		•	
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

14.6. Special precautions for user

Overland transport

Classification code (ADR)

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

Limited quantities (ADR)

Packing instructions (ADR)
Packing provisions (ADR)
Picture Packing provisions (ADR)
Picture Packing provisions (ADR)
Picture Packing provisions (ADR)
Picture Packing instructions (ADR)
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Transport by sea

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

Limited quantities (IMDG) SP277
Packing instructions (IMDG) P207, LP02

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EmS-No. (Fire)F-DEmS-No. (Spillage)S-UStowage category (IMDG)NoneMFAG-No126

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)

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

No additional information available

SECTION 16: Other information

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 2/21/2025

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Section	Changed item	Comments
3		Modified

Abbreviations and acronyms CAS-No. - Chemical Abstract Service number

ADN - European Agreement concerning the International Carriage of Dangerous Goods by

Inland Waterways

ADR - European Agreement concerning the International Carriage of Dangerous Goods by

Road

ATE - Acute Toxicity Estimate BCF - Bioconcentration factor BLV - Biological limit value

BOD - Biochemical oxygen demand (BOD)

CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008

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DMEL - Derived Minimal Effect level

DNEL - Derived-No Effect Level

EC-No. - European Community number

EC50 - Median effective concentration

ED - Endocrine disruptor

EN - European Standard

IARC - International Agency for Research on Cancer

IATA - International Air Transport Association

IMDG - International Maritime Dangerous Goods

IOELV - Indicative Occupational Exposure Limit Value

LC50 - Median lethal concentration

LD50 - Median lethal dose

LOAEL - Lowest Observed Adverse Effect Level

N.O.S. - Not Otherwise Specified

NOAEC - No-Observed Adverse Effect Concentration

NOAEL - No-Observed Adverse Effect Level

NOEC - No-Observed Effect Concentration

vPvB - Very Persistent and Very Bioaccumulative

WGK - Water Hazard Class

VOC - Volatile Organic Compounds

SDS - Safety Data Sheet

RID - Regulations concerning the International Carriage of Dangerous Goods by Rail

REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation

(EC) No 1907/2006

PNEC - Predicted No-Effect Concentration

PBT - Persistent Bioaccumulative Toxic

OEL - Occupational Exposure Limit

OECD - Organisation for Economic Co-operation and Development

COD - Chemical oxygen demand (COD)

ThOD - Theoretical oxygen demand (ThOD)

TRGS - Technical Rules for Hazardous Substances

TLM - Median Tolerance Limit

STP - Sewage treatment plant

ACGIH - American Conference of Government Industrial Hygienists

CSA - Chemical safety assessment

EWC - European waste catalogue

Log Kow - Partition coefficient n-octanol/water (Log Kow)

Log Pow - Partition coefficient n-octanol/water (Log Pow)

MAK - maximum workplace concentration

OSHA - Occupational Safety Health Administration

PPE - Personal protection equipment

TF - Technical function

TWA - Time Weighted Average

UFI - Unique Formula Identifier

Full text of H-statements:	
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Acute Tox. Not classified (Dermal)	Acute toxicity (dermal) Not classified
Acute Tox. Not classified (Oral)	Acute toxicity (oral) Not classified
Aerosol 1	Aerosol, Category 1

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Full text of H-statements:		
Aquatic Acute Not classified	Hazardous to the aquatic environment – Acute Hazard Not classified	
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3	
Carc. 2	Carcinogenicity, Category 2	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
Flam. Gas 1A	Flammable gases, Category 1A	
Flam. Liq. Not classified	Flammable liquids Not classified	
Press. Gas (Comp.)	Gases under pressure : Compressed gas	
Press. Gas (Liq.)	Gases under pressure : Liquefied gas	
Resp. Sens. 1	Respiratory sensitisation, Category 1	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
Skin Sens. 1	Skin sensitisation, Category 1	
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2	
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation	
H220	Extremely flammable gas	
H222	Extremely flammable aerosol	
H229	Pressurised container: May burst if heated	
H280	Contains gas under pressure; may explode if heated	
H302	Harmful if swallowed	
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	
H412	Harmful to aquatic life with long lasting effects	

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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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