

The safety data sheet complies with Commission Regulation (EU) 878/2020 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) .

## TEF

Creation date	22nd October 2003	Version	15.0
Revision date	16th December 2022		

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

**1.1. Product identifier** TEF  
Substance / mixture mixture

**1.2. Relevant identified uses of the substance or mixture and uses advised against**  
**Mixture's intended use**

Teflon spray.

**The use descriptors**

IS Use at industrial sites  
PW Widespread use by professional workers

**Mixture uses advised against**

The product should not be used in ways other than those referred in Section 1.

**1.3. Details of the supplier of the safety data sheet**

**Supplier**

Name or trade name	NOVATO
Address	Uralská 770/6, Praha, 160 00 Czech Republic
Identification number (CRN)	62910370
VAT Reg No	CZ62910370
Phone	+420 233 339 688
E-mail	petr.johanides@novato.cz
Web address	www.novato.cz

**Competent person responsible for the safety data sheet**

Name	ABITEC
E-mail	info@abitec.cz

**1.4. Emergency telephone number**

European emergency number: 112

### SECTION 2: Hazards identification

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

**Classification of the mixture in accordance with Regulation (EC) No 1272/2008**

The mixture is classified as dangerous.

Aerosol 1, H229, H222  
Aquatic Chronic 3, H412

**Most serious adverse physico-chemical effects**

The mixture is extremely flammable. Pressurized container: protect from sunlight and do not expose to heat above 50 ° C. Do not pierce or throw into an empty container. Do not spray into open flames or hot objects. Keep away from sources of ignition - Prohibition smoking. Keep out of reach of children.

**Most serious adverse effects on human health and the environment**

No adverse effects on human health are known. In case of direct contact with the eyes, it may exceptionally cause slight eye irritation (redness, burning). The mixture is not classified as dangerous for the environment. Follow the instructions for use, to avoid risks to humans and the environment. Put the empty packaging in a special one container for hazardous waste. The full text of the classifications and H-phrases is displayed in section 16. of this safety data sheet.

**2.2. Label elements**

**Hazard pictogram**



**Signal word**

Danger

The safety data sheet complies with Commission Regulation (EU) 878/2020 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) .

## TEF

Creation date	22nd October 2003	Version	15.0
Revision date	16th December 2022		

### Hazard statements

- H222 Extremely flammable aerosol.
- H229 Pressurised container: May burst if heated.
- H412 Harmful to aquatic life with long lasting effects.

### Precautionary statements

- 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.
- P261 Avoid breathing aerosols.
- P271 Use only outdoors or in a well-ventilated area.
- P273 Avoid release to the environment.
- P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

### 2.3. Other hazards

Neither the mixture nor its components meet the criteria for persistent, bioaccumulative and toxic or highly persistent and highly bioaccumulative substances in accordance with Annex XIII, nor have they been included in the list drawn up in accordance with Article 59, paragraph 1, due to the content of endocrine disruptors, nor has it been determined as a substance with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

Mixture.

**Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment**

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
Index: 649-453-00-1 CAS: 64741-76-0 EC: 265-077-7	Distillates (petroleum), heavy hydrocracked - unspecified base oil	35-80	Asp. Tox. 1, H304	3
Index: 601-004-00-0 CAS: 75-28-5 EC: 200-857-2	isobutane	45-55	Flam. Gas 1, H220 Press. Gas (compressed gas), H280	1, 2
Index: 601-003-00-5 CAS: 74-98-6 EC: 200-827-9	propane	15-20	Flam. Gas 1, H220 Press. Gas (compressed gas), H280	2
Index: 601-004-00-0 CAS: 106-97-8 EC: 203-448-7	butane	1-2	Flam. Gas 1, H220 Press. Gas (compressed gas), H280	1, 2
CAS: 128-37-0 EC: 204-881-4	2,6-Di-tert-butyl-p-cresol	<0,3	Aquatic Chronic 1, H410 Specific concentration limit: Aquatic Chronic 1, H410: C ≥ 25 %	

#### Notes

- 1 Note C: Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

The safety data sheet complies with Commission Regulation (EU) 878/2020 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) .

## TEF

Creation date	22nd October 2003	Version	15.0
Revision date	16th December 2022		

- 2 Note U (Table 3): When put on the market gases have to be classified as "Gases under pressure", in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case. The following codes are assigned:

Press. Gas (Comp.)  
Press. Gas (Liq.)  
Press. Gas (Ref. Liq.)  
Press. Gas (Diss.)

Aerosols shall not be classified as gases under pressure (See Annex I, Part 2, Section 2.3.2.1, Note 2).

- 3 A substance for which exposure limits are set.

Full text of all classifications and hazard statements is given in the section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

In all cases of doubt, or when feeling unwell, seek medical advice information from this safety data sheet. In case of life-threatening conditions, do resuscitation. Place the unconscious person in a stable position and do not give anything by mouth. Avoid cooling down. Do not induce vomiting. Avoid inhalation in case of spontaneous vomiting vomiting. If burns occur during combustion, cool the burn with cold water and cover with clean water fabric.

##### If inhaled

Leave the contaminated area, rinse the oral cavity with water, breathe fresh air. Seek medical attention if breathing difficulties occur. If necessary (respiratory arrest or irregular breathing), perform artificial respiration.

##### If on skin

Wipe off the mixture, wash with soap and water, or treat with a regenerating cream. If clothing is contaminated, remove clothing. If signs of irritation persist, seek medical attention.

##### If in eyes

Flush eyes wide open from the inner corner of the eye towards the outside with plenty of clean lukewarm water, especially the area under the eyelids. Rinse for at least 15 minutes. Seek medical attention in case of irritation.

##### If swallowed

In the case of an aerosol product, ingestion is very unlikely. Do not induce vomiting, rinse mouth with water. Seek medical attention immediately and present this safety blade. Danger of inhaling vomit!

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

##### If inhaled

Inhalation may result in mild irritation of mucous membranes and respiratory tract with cough or headache.

##### If on skin

Frequent or long-term contact with the skin causes drying of the skin and even dermatitis.

##### If in eyes

Direct contact with eyes may cause slight eye irritation (redness, burning).

##### If swallowed

not available

#### 4.3. Indication of any immediate medical attention and special treatment needed

In the normal use of the compound, immediate medical assistance is not required. It is required only if the symptoms of a certain degree are attained, as described in paragraphs 4.1 to 4.2; is symptomatic.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Multipurpose powders, CO<sub>2</sub>, foam, water mist, sand.

##### Unsuitable extinguishing media

Full stream of water. Crushed water can be used to cool the containers near the fire. Spritzed water can only be used to cool packaging near the fire.

# SAFETY DATA SHEET

The safety data sheet complies with Commission Regulation (EU) 878/2020 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) .

## TEF

Creation date	22nd October 2003	Version	15.0
Revision date	16th December 2022		

**5.2. Special hazards arising from the substance or mixture**

Extremely flammable mixture. Incomplete combustion or thermal decomposition may result toxic gases (CO<sub>x</sub>, hydrocarbons, dense smoke, etc. Do not breathe decomposition products. At elevated temperatures, there is a risk of the pressure vessel exploding. Vapors mixed with air may form an explosive mixture.

**5.3. Advice for firefighters**

Isolation breathing apparatus and non-flammable intervention suit. Use non-sparking tools. Cool containers exposed to fire with water spray or foam. Combustion residues as well as water after intervention should be disposed of as hazardous waste.

**SECTION 6: Accidental release measures**

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

Prevent unauthorized entry, escape area. Ensure adequate ventilation, do not inhale aerosol. Eliminate possible sources of ignition, do not smoke, do not handle open flame, do not expose to direct sunlight. Use non-sparking tools, avoid electrostatic charge.

**6.2. Environmental precautions**

Ensure escape area, do not allow to enter into sewers, soil, surface and ground water. In the event of a large leak, monitor NPK concentrations or concentrations. TLV and inform the appropriate governmental authorities and the flow or sewerage manager.

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

Break the leak. Aerosol vaporizes, ensure adequate ventilation. In case of leakage of the liquid fraction, cover the non-combustible sorbent (sand, diatomaceous earth, soil, universal sorbent, etc.), place the used sorbent in a sealing waste container, mark it and dispose of as hazardous waste. Wash the contaminated area with water.

**6.4. Reference to other sections**

Recommended personal protective equipment according to section 8. Dispose of unused product according to section 13.

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

Ensure adequate ventilation of the work area. Avoid contact with open flames and other sources of ignition. Protect from direct sunlight. Use non-sparking tools. Take precautionary measures against static discharges. Avoid the formation of gases and vapors in flammable or explosive concentrations and concentrations in excess of the maximum permissible concentrations (NPK-P) for the working atmosphere. Observe the applicable safety and health regulations. Follow the principles of hygiene when working with chemicals, do not eat, drink or smoke while working. Before breaks, meals and after work wash your hands with warm soapy water.

**7.2. Conditions for safe storage, including any incompatibilities**

Store in original containers at temperatures up to 50 ° C in dry, well-ventilated places. Store away from heat, protect from direct sunlight and outside weathering. Store away from food, drink and animal feeding stuffs. Store separately as flammable. Don't smoke. Observe the general regulations for storage of pressure vessels. Follow the instructions on the label.

Content	Packaging type	Material of package
400 ml	aerosol can	FE

Storage class 2B - Aerosols  
 Storage temperature max. 50 °C

**7.3. Specific end use(s)**

not available

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

**8.1. Control parameters**

**Czech Republic**

**EU limits**

Substance name (component)	Type	Value
Distillates (petroleum), heavy hydrocracked - unspecified base oil (CAS: 64741-76-0)	PEL	5 mg/m <sup>3</sup>

The safety data sheet complies with Commission Regulation (EU) 878/2020 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) .

## TEF

Creation date	22nd October 2003	Version	15.0
Revision date	16th December 2022		

Czech Republic	EU limits	
Substance name (component)	Type	Value
Distillates (petroleum), heavy hydrocracked - unspecified base oil (CAS: 64741-76-0)	NPK-P	10 mg/m <sup>3</sup>

### 8.2. Exposure controls

Ensure adequate ventilation, or work space extraction. In case of exceeding the NPK-P, use suitable respiratory protection. Avoid contact with skin and eyes, do not inhale aerosol. Observe hygienic measures when working with chemicals. Do not eat or drink while working and do not smoke. Wash hands with lukewarm soap and water before breaks, meals and after work. Adapt personal protective equipment to the nature of the work.

#### Eye/face protection

Not needed. Wear safety glasses if there is a risk of eye contact.

#### Skin protection

Protective workwear made of non-flammable material. Wash affected skin, remove contaminated clothing, wash before further use. Protective gloves (material, e.g.: nitrile 0.4 mm, penetration time > 480 min.) - be careful when choosing manufacturer's recommendations, the material must be impermeable and resistant to the components of the mixture. Before the first test for use at a specific workplace. Replace damaged gloves.

#### Respiratory protection

Not necessary. In case of increased risk of inhalation and insufficient ventilation, use a mask with filter against organic vapors and aerosols, type A.

#### Thermal hazard

Exposure to elevated temperatures may result in tearing of the aerosol container when overheating.

#### Environmental exposure controls

Observe the usual environmental precautions. Avoid leakage into sewers, underground and surface water and soil.

#### More information

Ensure compliance with governmental regulation 361/2007 Coll., Laying down the conditions for the protection of health at work, as amended, and to fulfill the obligations contained therein.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	yellow
Odour	characteristic
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	- 40 - -10 °C
Flammability	Flammable Class I.
Lower and upper explosion limit	
bottom	1.1 %
upper	13 %
Flash point	- 80 °C
Auto-ignition temperature	>350 °C
Decomposition temperature	data not available
pH	data not available
Kinematic viscosity	30 mm <sup>2</sup> /s at 40 °C
Solubility in water	soluble
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	data not available
Density and/or relative density	
Density	0.61 g/cm <sup>3</sup> at 20 °C
Relative vapour density	data not available
Particle characteristics	data not available

The safety data sheet complies with Commission Regulation (EU) 878/2020 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) .

## TEF

Creation date	22nd October 2003	Version	15.0
Revision date	16th December 2022		

### 9.2. Other information

VOC content: 0,55 kg/kg  
 It is not explosive. Solvent vapors can form an explosive mixture when mixed with air.  
 The mixture is not classified as oxidizing.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The mixture is extremely flammable.

### 10.2. Chemical stability

The mixture is stable under normal environmental conditions, storage and handling.

### 10.3. Possibility of hazardous reactions

There is a risk of the pressure vessel exploding when exposed to high temperatures. Danger of exothermic reaction in contact with acids and oxidizing agents.

### 10.4. Conditions to avoid

Temperatures above 50 °C, contact with open fire, possible sources of ignition and hot surfaces, sparks, static electricity. Avoid formation of concentrations within the limits of explosivity.

### 10.5. Incompatible materials

Flammable materials, strong oxidizing agents, strong acids and alkalis.

### 10.6. Hazardous decomposition products

Under normal conditions, the mixture is not decomposed. Incomplete combustion or thermal decomposition produces toxic products of combustion (COx, NOx, hydrocarbons, etc.).

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

The mixture meets the criteria for classification according to EC Regulation No. 1272/2008. The mixture is classified as dangerous in the sense of EC Regulation No. 1272/2008, as amended.

#### Acute toxicity

Based on available data the classification criteria are not met.

#### Distillates (petroleum), heavy hydrocracked - unspecified base oil

Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD <sub>50</sub>	>5000 mg/kg		Rat	
Dermal	LD <sub>50</sub>	>5000 mg/kg		Rabbit	
Inhalation	LC <sub>50</sub>	4951 mg/kg	4 hours	Rat	

#### Skin corrosion/irritation

Based on available data the classification criteria are not met.

#### Serious eye damage/irritation

Based on available data the classification criteria are not met.

#### Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

#### Germ cell mutagenicity

Based on available data the classification criteria are not met.

#### Carcinogenicity

Based on available data the classification criteria are not met.

The safety data sheet complies with Commission Regulation (EU) 878/2020 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) .

## TEF

Creation date	22nd October 2003	Version	15.0
Revision date	16th December 2022		

**Reproductive toxicity**

Based on available data the classification criteria are not met.

**Toxicity for specific target organ - single exposure**

Based on available data the classification criteria are not met.

**Toxicity for specific target organ - repeated exposure**

Based on available data the classification criteria are not met.

**Aspiration hazard**

The mixture is classified as toxic by inhalation, category 1. It can cause death if swallowed and enters the respiratory tract. Irrelevant due to aerosol packaging.

**11.2. Information on other hazards**

Inhalation may result in mild irritation of mucous membranes and respiratory tract with cough or headache. Direct contact with the eyes may exceptionally cause slight eye irritation (redness, burning). It does not have an adverse effect on human health if the instructions for use are followed.

**SECTION 12: Ecological information**

**12.1. Toxicity**

No data available.

**Acute toxicity**

2,6-Di-tert-butyl-p-cresol				
Parameter	Value	Exposure time	Species	Environment
LC <sub>50</sub>	>0.57 mg/l	96 hours	Fish (Scophthalmus maximus)	
LC <sub>50</sub>	>0.17 mg/l	48 hours	Invertebrates (Acartia tonsa)	
EC <sub>50</sub>	>0.42 mg/l	72 hours	Algae (Skeletonema costatum)	

Distillates (petroleum), heavy hydrocracked - unspecified base oil				
Parameter	Value	Exposure time	Species	Environment
LC <sub>50</sub>	>100 mg/l	96 hours	Fish (Leuciscus idus)	
LC <sub>50</sub>	>10000 mg/l	48 hours	Invertebrates (Daphnia magna)	
EC <sub>50</sub>	>100 mg/l	72 hours	Algae (Selenastrum capricornutum)	

**12.2. Persistence and degradability**

Data not available.

**12.3. Bioaccumulative potential**

Not determined, bioaccumulation is unlikely.

**12.4. Mobility in soil**

Data not available.

**12.5. Results of PBT and vPvB assessment**

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

**12.6. Endocrine disrupting properties**

Substances with these properties in accordance with the criteria set out in Commission Regulation (EU) 2017/2100 or (EU) 2018/605 are not included.

# SAFETY DATA SHEET

The safety data sheet complies with Commission Regulation (EU) 878/2020 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) .

## TEF

Creation date	22nd October 2003	Version	15.0
Revision date	16th December 2022		

### 12.7. Other adverse effects

Do not allow to enter soil, ground or surface water or drains. Observe the usual environmental precautions.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Suitable methods for disposal of the mixture: Dispose of as hazardous waste. Dispose of at an authorized person or at a hazardous waste collection point. Dispose of mixture and packaging residues in accordance with local waste disposal regulations. Do not pierce or throw empty containers into a fire.

#### Waste management legislation

Waste Act No. 185/2001 Coll. as amended. Act No. 477/2001 Coll., On packaging, as amended.

#### Waste type code

- 16 05 04\* gases in pressure containers (including halons) containing hazardous substances
- 13 02 06\* synthetic engine, gear and lubricating oils

#### Packaging waste type code

- 15 01 11\* metallic packaging containing a hazardous solid porous matrix (for example asbestos), including empty pressure containers
- 15 01 10\* packaging containing residues of or contaminated by hazardous substances

(\* ) - Hazardous waste according to Directive 2008/98/EC on hazardous waste

## SECTION 14: Transport information

### 14.1. UN number or ID number

UN 1950

### 14.2. UN proper shipping name

AEROSOLS

### 14.3. Transport hazard class(es)

2 Gases

### 14.4. Packing group

not relevant

### 14.5. Environmental hazards

No.

### 14.6. Special precautions for user

Transport in packages that match the properties of the mixture. Observe the prescribed marking for cargo.

### 14.7. Maritime transport in bulk according to IMO instruments

Can not be used.

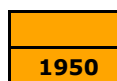
#### Additional information

Hazard identification No.

UN number

Classification code

Safety signs



5F

2.1





The safety data sheet complies with Commission Regulation (EU) 878/2020 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) .

## TEF

Creation date	22nd October 2003	Version	15.0
Revision date	16th December 2022		

### Road transport - ADR

Special provisions	190, 327, 344, 625
Limited quantities	1 L
Excepted quantities	E0

#### Packaging

Packing instructions	P207, LP200
Special packing provisions	PP87, RR6, L2
Mixed packing provisions	MP9
Transport category	2
Tunnel restriction code	(D)

#### Special provision for

packages	V14
loading, unloading and handling operation	CV9, CV12 S2

### Railway transport - RID

Special provisions	190, 327, 344, 625
Excepted quantities	E0

#### Packaging

Packing instructions	P207, LP200
Special packing provisions	PP87, RR6, L2
Mixed packing provisions	MP9
Transport category	0

#### Special provision for

packages	W14
loading, unloading and handling	CW9, CW12

### Air transport - ICAO/IATA

Packaging instructions for limited amount	Y203
Packaging instructions passenger	203
Cargo packaging instructions	203

### Marine transport - IMDG

EmS (emergency plan)	F-D, S-U
MFAG	620

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. COMMISSION REGULATION (EU) 2020/878 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH). Commission Delegated Regulation (EU) 2021/849 of 11 March 2021 amending, for the purposes of adapting to technical and scientific progress, Part 3 of Annex VI to Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labeling and packaging of substances and mixtures. REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents, as ammended. Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals.

### 15.2. Chemical safety assessment

No chemical hazard assessment was performed for this mixture.

#### More information

This information only indicates the basic regulations listed in this Safety Data Sheet. Please note the possible existence of additional regulations supplementing these Regulations. We refer to all applicable national, international and local regulations and regulations.

# SAFETY DATA SHEET

The safety data sheet complies with Commission Regulation (EU) 878/2020 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) .

## TEF

Creation date	22nd October 2003	Version	15.0
Revision date	16th December 2022		

### SECTION 16: Other information

#### A list of standard risk phrases used in the safety data sheet

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

#### Guidelines for safe handling used in the safety data sheet

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.
P261	Avoid breathing aerosols.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

#### Other important information about human health protection

The mixture should not be used for any purpose other than that for which it is intended (see point 1.2). Because the supplier can not control the specific conditions of use of the mixture, it is the responsibility of the user to adapt the prescribed warnings to local laws and regulations. Safety information describes the product in terms of safety and can not be considered as technical product information.

#### Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
EC	Identification code for each substance listed in EINECS
EC <sub>50</sub>	Concentration of a substance when it is affected 50% of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
EU	European Union
EuPCS	European Product Categorisation System
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC <sub>50</sub>	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD <sub>50</sub>	Lethal dose of a substance in which it can be expected death of 50% of the population
log K <sub>ow</sub>	Octanol-water partition coefficient
NPK	Maximum admissible concentration
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
PEL	Permissible Exposure Limit

# SAFETY DATA SHEET

The safety data sheet complies with Commission Regulation (EU) 878/2020 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) .

## TEF

Creation date	22nd October 2003	Version	15.0
Revision date	16th December 2022		

ppm	Parts per million
Press. Gas (Comp.)	Gas under pressure: compressed gas
Press. Gas (Diss.)	Gas under pressure: dissolved gas
Press. Gas (Liq.)	Gas under pressure: liquefied gas
Press. Gas (Ref. Liq.)	Gas under pressure: refrigerated liquefied gas
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative
Aerosol	Aerosol
Aquatic Chronic	Hazardous to the aquatic environment (chronic)
Asp. Tox.	Aspiration hazard
Flam. Gas	Flammable gas
Press. Gas	Gases under pressure

### Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

### Recommended restrictions of use

The mixture should not be used for any purpose other than that for which it is intended (see point 1.2). Because the specific conditions of use of the substance are beyond the control of the supplier, it is the responsibility of the user to adapt the prescribed warnings to local laws and regulations. Safety information describes the product in terms of safety and can not be considered as technical product information.

### Information about data sources used to compile the Safety Data Sheet

Manufacturer data and toxicological databases.

### The changes (which information has been added, deleted or modified)

Adaptation of BL updated Annex II of the REACH Regulation as amended by Commission Regulation (EU) 2020/878, adjustment of composition and classification of the mixture according to BL supplier.

### Statement

The safety data sheet contains the data needed to ensure safety and health at work and environmental protection. These data correspond to the current state of knowledge and experience and are in accordance with applicable legal regulations. They can not be considered as a guarantee of the suitability and usability of the product for a specific application. The user is responsible for the treatment under existing laws and regulations.