SECTION 1: IDENTIFICATION OF SUBSTANCE/MIXTURE AND COMPANY/UNDERTAKING

1.1 Product identifier: **BTS®**

Contains: Pentane (CAS 109-66-0)< 50 %
Hydrocarbons, C7-C9, *n-alkanes*, iso-alkanes, cycloalkanes (EC 920-750-0)< 12,5 %

1.2 Relevant identified uses of the substance or mixture and non-recommended uses: Spray lubricant

Non-recommended uses: Not specified. Not recommended for specified uses only. Other uses may expose the user to unforeseen risks.

1.3 Details of the supplier of the safety data sheet: Business name:

NOVATO spol. s r. o.
Registered office: Uralská 6, 160 00 Praha 6
ID: 62910370 VAT: CZ62910370
tel.: 233 339 688, 224 315 118
Contact person: Ing. Petr Johanides
www.novato.cz, petr.johanides@novato.cz

Competent person responsible for the safety data sheet
Business name: **ABITEC, s.r.o.**
Registered office: V háji 1183/22, 170 00 Praha 7
tel.: 296 792 223 mail:info@abitec.cz
Contact person: Ing. Vít Matějů

1.4 Emergency telephone number: **224 919 293, 224 915 402** (24 hours)
Toxicology Information Centre, Na Bojišti 1, Prague 2

SECTION 2: HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture:
The mixture meets the criteria for classification according to EC Regulation No 1272/2008. The mixture is classified as hazardous within the meaning of Regulation EC No 1272/2008, as amended.

Hazard category:
Aerosol 1, H222, H229 STOT
SE 3, H336
Aquatic Chronic 2, H411

Hazard Information:
Extremely flammable aerosol. Container is under pressure: may burst when heated. May cause drowsiness or dizziness. Toxic to aquatic organisms, with long-lasting effects.

Most serious adverse physicochemical effects:
The mixture is extremely flammable. Container is under pressure: do not expose to sunlight or temperatures above 50 °C. Do not puncture or throw the empty container into a fire. Do not spray into open flames or on hot objects. Keep away from sources of ignition - No smoking. Keep out of reach of children.

Most serious adverse effects on human health:
Inhalation of aerosol may cause h e a d a c h e , fatigue, drowsiness, and rarely irritation of mucous membranes and respiratory tract. Do not inhale the aerosol. May cause short-term mild eye irritation (tearing, burning, itching). Frequent or prolonged contact with skin causes drying or cracking of the skin, even dermatitis.

Most serious adverse environmental effects:
The mixture is hazardous to the environment. Follow the instructions for use to avoid risks to humans and the environment. The liquid is lighter than water and can cover the water surface. The mixture is toxic to aquatic organisms and must not enter soil, groundwater, surface water or sewage. Dispose of the empty container in a special hazardous waste container.
For the full classification and H phrases see section 16 of this safety data sheet.

2.2 Labelling elements
Signal word: Hazard Pictograms:
GHS02, GHS07, GHS09

Standard hazard statements:
H222 Extremely flammable aerosol.
H229 Container is under pressure: may rupture when heated.

H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life, with long-lasting effects.

Instructions for safe handling:
P210 Protect from heat, hot surfaces, sparks, open flames and other sources of ignition. No smoking.
P211 Do not spray into open flames or other sources of ignition.
P251 Do not pierce or burn even after use.
P260 Do not breathe vapours or aerosols.
P273 Avoid release to the environment.
P410+ P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C.
P501 Dispose of contents and packaging according to local regulations as hazardous waste; hand over to a person authorised for disposal.

Hazardous components to be labelled: Pentane (CAS 109-66-0)< 50%
Hydrocarbons, C7-C9, *n-alkanes*, iso-alkanes, cycloalkanes (EC 920-750-0)< 12,5 %

Additional label information:

Product identifier: **BTS®** Spray lubricant

EUH066 Repeated exposure may cause drying or cracking of the skin.

Compound supplier: **NOVATO spol. s r.o.,** Uralská 6, 160 00 Prague 6; tel.: 233 339 688, 224 315 118

2.3 Other hazards
The mixture and its components do not 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 established in accordance with Article 59(1) due to the presence of endocrine disrupting substances, nor have they been identified as having 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

3.1 Substances: This is not a substance

3.2 Mixtures

Chemical name	Content [%]	č. CAS	EC No	Index number
Pentane	25 - 50	109-66-0	203-692-4	601-006-00-1 01-2119459286-30-XXXX
Hydrocarbons, C7-C9, *n-alkanes*, iso-alkanes, cycloalkanes	10 - 12,5	–	920-750-0	– 01-2119473851-33-XXXX
Propane	12,5 - 20	74-98-6	200-827-9	601-003-00-5 01-2119486944-21-XXXX
Butane	10 - 12,5	106-97-8	203-448-7	601-004-00-0 01-2119474691-32-XXXX
Isobutane (contains< 0,1 % butadiene (203-450-8))	10 - 12,5	75-28-5	200-857-2	601-004-00-0 01-2119485395-27-XXXX

Classification of the components of the mixture

Chemical name	Hazard symbol	Classification	Specific and general concentration limits
Pentane	GHS02, GHS07 GHS08, GHS09 EUH066	Flam. Liq. 2, H225 Asp. Tox. 1, H304 STOT SE 3, H336 Aquatic Chronic 2, H411	STOT SE 3; H336: c ≥ 20 % Aquatic Chronic 2, H411; H411: c ≥ 25 %
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cycloalkanes[x]	GHS02, GHS07 GHS08, GHS09	Flam. Liq. 2, H225 Asp. Tox. 1, H304 STOT SE 3, H336 Aquatic Chronic 2, H411	STOT SE 3; H336: c ≥ 20 % Aquatic Chronic 2, H411; H411: c ≥ 25 %
Propane	GHS02	Flam. Gas 1, H220; Press. Gas	
Butane	GHS02	Flam. Gas 1, H220; Press. Gas	
Isobutane	GHS02	Flam. Gas 1, H220; Press. Gas	

[x]The substance is not classified in the Harmonised Classification List. Data used for classification are from other databases and BL.

SECTION 4: INSTRUCTIONS FOR FIRST AID

4.1 Description of first aid:

If symptoms of health problems occur or if in doubt, seek medical attention and provide information from this MSDS. In case of life-threatening conditions, perform CPR. Place the unconscious person in a stable position on his/her side and do not administer anything by mouth. Prevent colds. Do not induce vomiting. If spontaneous vomiting occurs, prevent inhalation of vomit. If burn occurs, cool the burn with cold water and cover with a clean cloth.

If inhaled:
If inhalation occurs, leave the area, rinse the mouth with water, take a breath of fresh air. If respiratory irritation or difficulty breathing occurs and persists, seek medical attention.

In case of skin contact:
Wipe off product, wash thoroughly with lukewarm water and soap and treat with a restorative cream. Remove clothing if contaminated. If symptoms of irritation occur, seek medical attention.

In case of eye contact:
If the affected person has contact lenses, remove them. Flush wide open eyes from the inner corner of the eye towards the outer corner with plenty of clean lukewarm water, especially the area under the eyelids. Rinse for at least 15 minutes and seek medical attention.

If swallowed:
In the case of an aerosol product, ingestion is very unlikely. Do not induce vomiting, rinse mouth with water. Seek immediate medical attention and present this MSDS. Danger if vomit is inhaled!

4.2 Most important acute and delayed symptoms and effects
Mild irritation of mucous membranes and respiratory tract may occur by inhalation. Inhalation of vapours causes headache, dizziness, dizziness, fatigue and general weakness. Inhalation of vapours in excess of NPK-P values may cause acute inhalation poisoning depending on concentration and time of exposure. Fluid entry into the respiratory tract if swallowed or aspiration of vomitus with subsequent vomiting may cause bronchopneumonia or pulmonary oedema.
Direct contact with the eyes may cause mild short-term eye irritation (redness, burning eyes, watery eyes). Frequent or prolonged contact with the skin may cause drying, cracking of the skin and even dermatitis. Ingestion of liquid may cause gastrointestinal irritation, abdominal pain and nausea. Vomiting and diarrhoea may occur.

4.3 Instructions for immediate medical attention and special treatment
No immediate medical attention is required for normal use of the mixture. It is required only if symptoms reach a certain level, as indicated in paragraphs 4.1 and 4.2; it is symptomatic.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing agents
Suitable extinguishing media: Light and medium foam, multi-purpose powders, CO_2, water mist
Unsuitable extinguishing agents: Full stream of water. Splashing water can be used to cool packages in the vicinity of the fire.

5.2 Special hazards arising from the substance or mixture:
Extremely flammable mixture. Incomplete combustion or thermal decomposition may produce toxic gases (CO_x, hydrocarbons, dense smoke, etc.). Do not breathe decomposition products.
Vapours are heavier than air, accumulate at lower altitudes, can spread over long distances. When mixed with air they can form an explosive mixture. Danger of re-ignition. Risk of explosion of pressure vessel at higher temperatures.

5.3 Instructions to firefighters:
Insulating breathing apparatus and non-flammable emergency suit. Use non-sparking tools.

5.4 Other information:
Cool containers near fire with sprayed water or cover with foam. Burning residues and water from the intervention should be disposed of as hazardous waste.

SECTION 6: PRECAUTIONS IN CASE OF ACCIDENTAL SPILLAGE

6.1 Personal protection measures, protective equipment and emergency procedures
Prevent unauthorized persons from entering, secure the spill area. Ensure adequate ventilation, do not inhale aerosol. Remove possible sources of ignition, do not smoke, do not handle open flames, do not expose to direct sunlight. Use non-sparking tools, avoid electrostatic charge.

Avoid contact with skin and eyes - use personal protective equipment. The surface where the mixture has leaked may be slippery.

6.2 Environmental protection measures

Secure the spill area, prevent leakage into drains, soil, surface water and groundwater. In the event of a major spill, monitor concentrations of NPK or TLV and inform the relevant government authorities and the stream or sewerage authority.

6.3 Methods and materials for spill containment and clean-up

Interrupt the spill. In the event of a large spill, pump out the mixture. Aerosol evaporates, ensure adequate ventilation. In the event of a minor spill, cover the liquid fraction with a non-flammable sorbent (sand, diatomaceous earth, soil, universal sorbent, etc.), place the used sorbent in a sealable waste container, label and dispose of as hazardous waste. Wash the contaminated area with water.

6.4 Reference to other sections:

See Section 8 for recommended personal protective equipment. Dispose of unused mixture 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 precautions against static electricity. Prevent the generation of gases and vapors in flammable or explosive concentrations and concentrations exceeding the maximum permissible concentrations (NPK-P) for the working atmosphere.
Protect eyes and skin, do not breathe aerosol or vapours, use personal protective equipment as per section 8. Observe the hygiene principles for working with chemicals, do not eat, drink or smoke while working. Wash hands with warm water and soap before breaks, meals and after work.

7.2 Conditions for safe storage of substances and mixtures, including incompatible substances and mixtures:

Store in original containers at temperatures up to 50 °C in dry, well-ventilated places. Store away from heat sources, protect from direct sunlight and external weathering. Store away from food, drink and feed.
Store separately as combustibles. Do not smoke.
Observe general regulations on storage of pressure containers. Observe the instructions on the label.
Content: 400 ml
Type of packaging: Aerosol can
Packaging material: FE (40), steel
(metals)
Quantitative limits under given storage conditions: n.a.

7.3 Specific end use: Not specified

SECTION 8: EXPOSURE LIMITATION/PERSONAL PROTECTIVE EQUIPMENT

8.1 Control parameters:

Chemical name	PEL [mg/m^3]	NPK-P [mg/m^3]	Note	
Petrol (technical mixture of hydrocarbons)	400	1 000	-	According to Annex 2, Reg. Government 361/2007 Coll., as amended
Pentane	3 000	4 500	-	According to Annex 2, Reg. Government 361/2007 Coll., as amended

Monitoring procedures:
Ensure compliance with Government Decree 361/2007 Coll. laying down conditions for occupational health protection, as amended, and fulfil the obligations contained therein.

Biological limit values: data not determined DNEL

workers:

Compound	Method of administration	Effect	Exposure time	Value
Pentane	Inhalation	Systemic effects	Long-term	3 000 mg/m(3)
	Dermally	Systemic effects	Long-term	432 mg/kg/day
Gasoline fraction	Inhalation	Systemic effects	Long-term	2 035 mg/m(3)
	Dermally	Systemic effects	Long-term	773 mg/kg/day

PNEC:

Compound	WWTP	Freshwater	Saltwater	Soil	Freshwater sediment	Marine sediment
Pentane	3 600 µg/l	230 µg/l	230 µg/l	0,55 mg/kg	1,2 mg/kg	1,2 mg/kg

8.2 Exposure limitation:
Ensure adequate ventilation or exhaust of work area. In case of exceedance of the NPK-P, use appropriate respiratory protection. Avoid contact with skin and eyes, do not inhale aerosol. Observe hygiene precautions for working with chemicals. Do not eat, drink or smoke while working. Wash hands with lukewarm soap and water before breaks, meals and after work.
Adapt personal protective equipment to the nature of the work.

- Eye and face protection:
  Not necessary. If there is a risk of eye contact, wear protective eyewear.
- Skin protection:
  Protective work clothing made of natural fibers or synthetic fibers that can withstand high temperatures; remove coated clothing, wash before reuse.
- Hand protection:
  Protective gloves (material e.g. 0.1 mm nitrile, observe recommended penetration time through glove material). When selecting, follow the manufacturer's recommendations, the material must be impermeable and resistant to the components of the mixture. Replace damaged gloves.
- Respiratory protection:
  In case of inadequate ventilation or prolonged exposure, use a mask with a filter against organic vapours and aerosols. Use an isolation respirator in case of exceedance of the limits or under heavy loads.
- Thermal hazards:
  If exposed to elevated temperatures, overheating may rupture aerosol can.

  Limiting environmental exposure
  Not necessary if handling conditions are observed. Observe normal environmental precautions, avoid leakage to sewers, soil and water sources.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties Groupings:

Liquid in aerosol form
Colour: Whitish
Odour: Characteristic of diluents
Melting point/freezing point: Undetermined
Boiling point or initial boiling point and boiling range: Undetermined
Flammability: Extremely flammable aerosol
Lower and upper explosive limits: Upper limit (% v/v): 10,9
Lower limit (% v/v): 0,6
Flash point: < 0 °C
Auto-ignition temperature: The mixture is not self igniting Decomposition temperature: Not determined
pH: Undefined
Kinematic viscosity (at 20 °C): Not determined
Solubility: In water - Not at all or slightly miscible
In fats - Not determined
In organic solvents - Common organic solvents Partition coefficient *n-octanol/water*: Unspecified
Vapour pressure (at 20 °C): 8 hPa
Density and/or relative density (at 20 °C): 670 kg/m^{3}Relative vapour density: Unspecified
Particulate characteristics: Not applicable to liquids or gases

9.2 Other information: VOC content 74 % (497,3 g/l)

Organic diluent content: 74 % Non-volatile content: 0 %

Explosive properties: Not explosive. Solvent vapours may be explosive when mixed with air. with air to form an explosive mixture.

Oxidizing properties: The mixture is not classified as oxidizing.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:
Data not available.

10.2 Chemical stability:
The mixture is stable under normal environmental, storage and handling conditions.

10.3 Potential for hazardous reactions:
Risk of pressure vessel explosion when exposed to elevated temperatures.

10.4 Conditions to be avoided:
Temperatures above 50 °C, contact with open flames, possible sources of ignition and hot surfaces, sparks, direct sunlight, build-up of static electricity. Avoid the formation of concentrations within explosive limits.
Vapors are heavier than air, accumulate at lower altitudes, can spread over long distances. When mixed with air, they can form an explosive mixture. Danger of re-ignition. Risk of explosion of pressure vessel at higher temperatures.

10.5 Incompatible materials:
Flammable materials, strong oxidizing agents, strong acids and bases.

10.6 Hazardous decomposition products:
Under normal conditions the mixture does not decompose. Imperfect combustion or thermal decomposition produces toxic combustion products: CO_x, heavy smoke, hydrocarbons, etc.

Other data: Not specified

SECTION 11: TOXICOLOGICAL INFORMATION

The toxicological effects of the mixture itself have not been assessed. Acute toxicity of the components of the mixture:

Chemical name	Toxicity test	Value	Type
Pentane	LD_{50}, oral	16 000 mg/kg	Rat
	LD_{50}, inhalation, 4 h	> 100 mg/m(3)	Rat (gases and vapours)
	LD_{50}, dermal	3 000 mg/kg	rabbit
Hydrocarbons C7-C9	LD_{50}, oral	> 5 840 mg/kg	Rat
	LD_{50}, dermal	> 2 920 mg/kg	rabbit
	LC_{50}, inhalation, 4 h	> 23 300 mg/m(3)	Rat (gases and vapours)
Propane Butane, Isobutane	LC_{50}, inhalation, 4 h	658 mg/l	Rat (gases and vapours)

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008: Acute toxicity:
The mixture is not classified as acutely toxic by any route of exposure.

Skin corrosion/irritation:
Based on the available data, the criteria for classification are not met. Frequent or prolonged contact with the skin may cause drying, cracking of the skin and even dermatitis.

Serious eye damage/irritation:
Based on available data, the criteria for classification are not met.

Respiratory/skin sensitization:
Based on available data, the criteria for classification are not met.

Germ cell mutagenicity:
Based on available data, the criteria for classification are not met.

Carcinogenicity:
Based on available data, the criteria for classification are not met.

Reproductive toxicity:
Based on the available data, the criteria for classification are not met.

Specific target organ toxicity - single exposure:
The mixture is classified as toxic to specific target organs after a single exposure, category 3.

Specific target organ toxicity - repeated exposure:
Based on the available data, the criteria for classification are not met.

Inhalation hazard:
The mixture is marketed in aerosol packaging, the criteria for classification are not met.

11.2 Information on other hazards:
Does not contain endocrine disruptors.
Mild irritation of mucous membranes and respiratory tract may occur by inhalation. Inhalation of vapours causes headache, dizziness, dizziness, dizziness, fatigue and general weakness. Inhalation of vapours in excess of NPK-P values may cause acute inhalation poisoning depending on concentration and time of exposure. Fluid entry into the respiratory tract if swallowed or aspiration of vomitus with subsequent vomiting may cause bronchopneumonia or pulmonary oedema.
Direct contact with the eyes may cause mild short-term eye irritation (redness, burning eyes, watery eyes). Frequent or prolonged contact with the skin may cause drying, cracking of the skin and even dermatitis. Ingestion of liquid may cause gastrointestinal irritation, abdominal pain and nausea. Vomiting and diarrhoea may occur.

SECTION 12: ENVIRONMENTAL INFORMATION

Avoid spillage of liquid into drains and ground or surface water.

12.1 Toxicity: No data available for the mixture.
Toxicity of mixture components

Chemical name	Toxicity test	Value	Type
Pentane	EC_{50}, 48 h	9,74 mg/l	Invertebrates *(Daphnia magna)*
	LC_{50}, 24 h	11,9 mg/l	Invertebrates *(Artemia salina)*
	EC_{50}, 8 h	1 mg/l	Algae
Hydrocarbons C7-C9	LL_{50}, 96 h	3 - 10 mg/l	Fish (*Onchorhynchus mykiss*)
	NOELR, 28 d.	0,57 mg/l	Fish (*Onchorhynchus mykiss*)
	EL_{50}, 48 h	4,6 - 10 mg/l	Invertebrates (*Daphnia magna*)
	NOELR, 21 d.	1 mg/l	Invertebrates (*Daphnia magna*)
	EbL_{50}, 72 h	10 - 30 mg/l	Algae (*Pseudikirchneriella subcapitata*)
	ErL_{50}, 72 h	30 - 100 mg/l	Algae (*Pseudikirchneriella subcapitata*)
	NOELR, 72 h	6,3 mg/l	Algae (*Pseudikirchneriella subcapitata - biomass*)
	NOELR, 72 h	6,3 mg/l	Algae (*Pseudikirchneriella subcapitata - GRl*)

12.2 Persistence and degradability — Data not available, mixture is volatile

12.3 Bioaccumulation potential — Bioaccumulation is unlikely.

12.4 Mobility in soil — Not determined

12.5 Results of PBT and vPvB assessment — The mixture does not contain substances in the PBT and vPvB groups of Annex XIII
REACH Regulation as amended.

12.6 Endocrine disrupting properties: Substances with the following properties in accordance with according to the criteria set out i n Commission Regulation (EU) 2017/2100 or (EU) 2018/605 are not present.

12.7 Other adverse effects — The mixture is classified as toxic to aquatic organisms, it shall not be enter soil, groundwater, surface water or sewage. Observe the usual environmental protection measures.

SECTION 13: DISPOSAL INSTRUCTIONS

13.1 Waste management methods:
Dispose of as hazardous waste, hand over to an authorised person for disposal (disposal e.g. in a hazardous waste incinerator). Not to be disposed of with municipal waste. The liquid fraction must not be discharged into sewers. Disposal of residues of the mixture and packaging must be carried out in accordance with applicable local waste disposal regulations.

Possible waste catalogue number: Unconsumed mixture 14 06 03; 20 01 13
The waste generator is responsible for the classification and disposal of the waste.

Appropriate methods for disposal of contaminated packaging:
Do not puncture or throw empty containers into fire.
Possible catalogue number of container with residual contents Pressurised container 15 01 11 Contaminated container without propellant (e.g. punctured.) 15 01 10

National waste provisions:
Waste Act No 541/2020 as amended. Act No 477/2001 Coll., on packaging, as amended.

SECTION 14: INFORMATION FOR TRANSPORT

Preventive measures for transport:
Transport in packaging appropriate to the properties of the mixture. Observe the prescribed markings for the load.

14.1	UN number or ID number	1950
14.2	Official (UN) name for transport	UN 1950, AEROSOLS, flammable
14.3	Hazard class(es) for transport	2
	Classification code	5F
	Hazard identification number (Kemler code)	–
	Safety mark	2.1
14.4	Packaging group	–
14.5	Environmental hazard	No
14.6	Special precautions for users Warning:	
	EMS-Group	F-D, S-U
	Excepted quantity	E0
	Transport category	2
	Tunnel entry restriction code	D
	Limited Quantity (LQ)	1L
14.7	Maritime bulk transport according to IMO instruments	Not
	specified Inland waterway transport - ADN/ ADNR	Not
	specified	
	Maritime Transport - IMDG	
	Class	2.1
	Packaging group	–
	Safety mark	2.1
	Custom shipping label	AEROSOLS, flammable
	EMS-Group	F-D, S-U
	Marine pollutant	No
	Rail transport RID Air transport -	
	ICAO/IATA	
	Class	2.1
	Packaging group	–
	Own transport marking	AEROSOLS, flammable

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/specific legislation relating to the substance or mixture:

- Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (CLP), as amended
- Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), including its implementing regulations.
- Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- Government Regulation No 194/2001 laying down technical requirements for aerosol dispensers, as amended by Government Regulation No 305/2006 and Government Regulation No 315/2009.

- Council Directive 75/324/EEC on the approximation of the laws of the Member States relating to aerosol dispensers, as amended by Commission Directive 94/1/EC, Council Regulation (EC) No 807/2003, Commission Directive 2008/47/EC, Regulation (EC) No 219/2009 of the European Parliament and of the Council, Commission Directive 2013/10/EU, as amended

National regulations relating to the protection of persons or the environment

- Act No 350/2011 Coll., on chemicals, as amended, and related implementing regulations

Protection of persons:

- Labour Code No. 262/2006, as amended
- Act No 258/2000 Coll. on the Protection of Public Health, as amended
- Decree laying down the hygienic limits of chemical, physical and biological indicators for the indoor environment of living rooms of certain buildings No 6/2003 Coll.
- Government Decree laying down conditions for occupational health protection No 9/2013 Coll. as amended

Environmental protection

- Act No. 172/2018 Coll. on air protection, as amended.
- Waste Act No. 541/2020 Coll. as amended.
- Act No. 477/2001 Coll., on Packaging, as amended.
- Act No. 113/2018 Coll. amending Act No. 254/2001 Coll. on Water and on Amendments to Certain Acts (Water Act), as amended, and Act No. 388/1991 Coll. on the State Environmental Fund of the Czech Republic, as amended

Fire regulations

- Act No 133/1985 Coll., on Fire Protection, as amended
- Decree No. 221/2014 Coll. on Fire Prevention, as amended

Note: The information given only indicates the basic regulations listed in this safety data sheet. Please note the possible existence of additional regulations supplementing these regulations. Please refer to all applicable national, international and local regulations and ordinances.

15.2 Chemical safety assessment

A chemical safety assessment has not been prepared for this mixture.

SECTION 16: OTHER INFORMATION

List of H phrases contained in Safety Data Sheet

H220	- Extremely flammable gas.
H225	- Highly flammable liquid and vapour.
H304	- May cause death if swallowed and enters the respiratory tract.
H336	- May cause drowsiness or dizziness.
H411	- Toxic to aquatic organisms, with long-lasting effects.
EUH066	- Repeated exposure may cause drying or cracking of the skin.

Remark:
Some components of the mixture are classified under the classification rules with the phrase "H304 - May cause death if swallowed and enters the respiratory tract." Based on inhalation hazard. The mixture is placed on the market in an aerosol dispenser, the above effects are unlikely and the mixture does not need to be classified as GHS08 with the phrase H304 according to point 1.3.3 and 3.10.1.6.3 of Annex I of Regulation (EC) No 1272/2008).

List of abbreviations used in the Safety Data Sheet
Flam. Gas 1 Flammable gases, category 1
Flam. Liq. 2 Flammable liquids, category 2 Press.
Gas Gases under pressure
Asp. Tox. 1 Inhalation toxicity, category 1
STOT SE 3 Specific target organ toxicity after single exposure, category 3 Aquatic Chronic 2
Long-term hazard to the aquatic environment, category 2
PBT - persistent, bioaccumulative and toxic vPvB -
very persistent and very bioaccumulative NPK -
maximum permissible concentration
TLV - [threshold limit value] limit value of the permitted concentration of a pollutant
PEL - permissible exposure limit
DNEL - Derived No Effect Level
PNEC - Predicted No Effect Concentration LD50
- Lethal dose, 50 percent
ADR - Agreement on Dangerous Goods by Road - Europe IATA
- International Air Transport Association

ICAO - International Civil Aviation Organization
IMDG - International Maritime Cod efor Dangerous Goods
RID - Regulations Concerning the International Transport of Dangerous Goods by Rail

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

Training Instructions:
In accordance with Sections 103 and 104 of Act No. 262/2006 Coll., Labour Code, as amended.

Sources of the most important information: Manufacturer's data and toxicological databases.

Contact point for technical information see section 1.3 of this safety data sheet

Changes from the previous edition
Adaptation of BL to the updated Annex II of the REACH Regulation as amended by Commission Regulation (EU) 2020/878.

Statement:
The safety data sheet contains the information necessary to ensure occupational health and safety and environmental protection. The information provided corresponds to the current state of knowledge and experience and complies with the applicable legislation. They cannot be considered as a guarantee of the suitability and applicability of the product for a specific application. The user is responsible for handling according to existing laws and regulations.