Multi Tech 5 500ml

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

1.1. Product identifier

Trade name/designation:

Multi Tech 5 500ml

Article No.:
T232001

UFI:
WVMP-4GQT-P40V-3QVG

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture:
Aerosol

1.3. Details of the supplier of the safety data sheet

Supplier:

KANDO Service GmbH
Hartleitnerstraße 3
4653 Eberstalzell
Austria
Telephone: +43 (0) 7241 213 79
E-mail: msds@kando.eu

1.4. Emergency telephone number

Vergiftungsinformationszentrale (VIZ), Stubenring 6, 1010 Wien, 24h: 01 406 43 43, Montag - Freitag: 8 bis 16 Uhr, Tel.: 01 406 68 98 (keine medizinische Auskunft) (Only available during office hours.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
Skin corrosion/irritation *(Skin Irrit. 2)*	H315: Causes skin irritation.	
STOT-single exposure *(STOT SE 3)*	H336: May cause drowsiness or dizziness.	
Hazardous to the aquatic environment *(Aquatic Chronic 2)*	H411: Toxic to aquatic life with long lasting effects.	
aerosol dispensers and lighters *(Aerosol 1)*	H222; H229: Extremely flammable aerosol. Pressurised container: May burst if heated.	

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms:

GHS02
Flame

GHS07
Exclamation mark

GHS09
Environment

Signal word: Danger

Hazard components for labelling:
propan-2-ol; Kerosine (petroleum), hydrodesulfurized

Hazard statements for physical hazards	
H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.

Hazard statements for health hazards	
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.

Hazard statements for environmental hazards	
H411	Toxic to aquatic life with long lasting effects.

Supplemental hazard information: none

Precautionary statements Prevention	
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P251	Do not pierce or burn, even after use.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

Precautionary statements Storage	
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P410 + P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Precautionary statements Disposal	
P501	Dispose of contents/container to an appropriate recycling or disposal facility.

2.3. Other hazards

Other adverse effects:
none

SECTION 3: Composition/information on ingredients

*
3.2. Mixtures

Additional information:
The wording of the listed hazard statements can be found in section 16.

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 64742-81-0 EC No.: 265-184-9 Index No.: 649-423-00-8 REACH No.: 01-2119462828-25	**Kerosine (petroleum), hydrodesulfurized** Aquatic Chronic 2 (H411), Asp. Tox. 1 (H304), Flam. Liq. 3 (H226), STOT SE 3 (H336), Skin Irrit. 2 (H315)  Danger **Acute Toxicity Estimate** ATE (oral) ≥ 5,000 mg/kg ATE (dermal) > 2,000 mg/kg ATE (inhalation, gases) > 5.28 ppmV ATE (inhalation, vapour) ≥ 50 mg/L	≤ 50 %
CAS No.: 74-98-6 EC No.: 200-827-9 REACH No.: 01-2119486944-21	**propane** Flam. Gas 1A (H220)  Danger **Acute Toxicity Estimate** ATE (oral) 5,840 mg/kg ATE (dermal) 13,900 mg/kg ATE (inhalation, gases) > 25 ppmV ATE (inhalation, vapour) ≥ 50 mg/L	≤ 20 %

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 106-97-8 EC No.: 203-448-7 REACH No.: 01-2119474691-32	**butane** Flam. Gas 1A (H220) Danger **Acute Toxicity Estimate** ATE (oral) ≥ 5,000 mg/kg ATE (dermal) ≥ 5,000 mg/kg ATE (inhalation, gases) 658 ppmV ATE (inhalation, vapour) ≥ 50 mg/L	≤ 10 %
CAS No.: 67-63-0 EC No.: 200-661-7 Index No.: 603-117-00-0 REACH No.: 01-2119457558-25	**propan-2-ol** Eye Irrit. 2 (H319), Flam. Liq. 2 (H225), STOT SE 3 (H336) Danger **Acute Toxicity Estimate** ATE (oral) > 2,000 mg/kg ATE (dermal) > 2,000 mg/kg ATE (inhalation, gases) > 25 ppmV ATE (inhalation, vapour) > 20 mg/L	≤ 5 %
CAS No.: 68608-26-4 EC No.: 271-781-5	**Sulfonic acids, petroleum, sodium salts** Eye Irrit. 2 (H319), Skin Irrit. 2 (H315) Warning **Acute Toxicity Estimate** ATE (oral) 2,000 mg/kg ATE (dermal) ≥ 5,000 mg/kg ATE (inhalation, vapour) ≥ 50 mg/L	≤ 4 %
CAS No.: 64742-65-0 EC No.: 265-169-7	**Distillates (petroleum), solvent-dewaxed heavy paraffinic** Asp. Tox. 1 (H304) Danger **Acute Toxicity Estimate** ATE (oral) ≥ 5,000 mg/kg ATE (dermal) ≥ 5,000 mg/kg ATE (inhalation, vapour) ≥ 50 mg/L	≤ 2 %

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
Always seek medical advice as soon as possible in case of serious or persistent disorders.

Following inhalation:
Provide fresh air. IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.

In case of skin contact:
After contact with skin, wash immediately with plenty of water and soap. Call a doctor if you feel unwell.

After eye contact:
In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

Following ingestion:
Rinse mouth thoroughly with water. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

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

Dermal: Redness; Pain
Eye contact: Redness, Pain, Impairment of vision
oral: Gastrointestinal complaints, Headache, Fatigue, Vomiting
inhalation: Sore throat, Cough, Headache, Shortness of breath

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

none

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Carbon dioxide (CO2), Powder, Foam, Water spray jet

5.2. Special hazards arising from the substance or mixture

none

5.3. Advice for firefighters

none

5.4. Additional information

Extinguishing media to be avoided: none

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Do not step in or touch spilled substances and avoid inhalation of fumes, smoke, dust and vapours by staying on the side facing the wind. Remove contaminated clothing and used contaminated protective equipment and dispose of safely.

6.1.2. For emergency responders

No data available

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

For cleaning up:

Allow to be absorbed by absorbent material.

6.4. Reference to other sections

For further information on personal protective equipment: see section 8. For further information on disposal: see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Handle with care to avoid spillage.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels:

Keep container tightly closed in a cool, well-ventilated place.

7.3. Specific end use(s)

Recommendation:

aerosol dispensers and lighters

SECTION 8: Exposure controls/personal protection

*

8.1. Control parameters

8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
MAK (AT)	**Kerosine (petroleum), hydrodesulfurized** CAS No.: 64742-81-0 EC No.: 265-184-9	① 20 mL/m³ ② 40 mL/m³ ⑤ (für Kohlenwasserstoffgemische mit einem Gehalt an aromatischen Kohlenwasserstoffen von mehr als 25 %)
MAK (AT)	**Kerosine (petroleum), hydrodesulfurized** CAS No.: 64742-81-0 EC No.: 265-184-9	① 70 mL/m³ ② 140 mL/m³ ⑤ (für Kohlenwasserstoffgemische mit einem Gehalt an aromatischen Kohlenwasserstoffen von 1 % bis 25 % und an Hexanen von weniger als 1 %)
MAK (AT)	**propane** CAS No.: 74-98-6 EC No.: 200-827-9	② 2,000 ppm (3,600 mg/m³) ⑤ (max. 3x60 min./Schicht, Momentanwert)
MAK (AT)	**propane** CAS No.: 74-98-6 EC No.: 200-827-9	① 1,000 ppm (1,800 mg/m³)
MAK (AT)	**butane** CAS No.: 106-97-8 EC No.: 203-448-7	① 800 ppm (1,900 mg/m³)
MAK (AT)	**butane** CAS No.: 106-97-8 EC No.: 203-448-7	② 1,600 ppm (3,800 mg/m³) ⑤ (max. 3x60 min./Schicht, Momentanwert)
MAK (AT)	**propan-2-ol** CAS No.: 67-63-0 EC No.: 200-661-7	② 800 ppm (2,000 mg/m³) ⑤ (max. 4x15 min./Schicht)
MAK (AT)	**propan-2-ol** CAS No.: 67-63-0 EC No.: 200-661-7	① 200 ppm (500 mg/m³)

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type ② Exposure route ③ Exposure time
Kerosine (petroleum), hydrodesulfurized CAS No.: 64742-81-0 EC No.: 265-184-9	19 mg/kg	① DNEL Consumer ② Long-term - oral, systemic effects ③ 24 h
propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7	500 mg/m³	① DNEL worker ② Long-term – inhalation, systemic effects
propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7	89 mg/m³	① DNEL Consumer ② Long-term – inhalation, systemic effects
propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7	888 mg/kg bw/day	① DNEL worker ② Long-term - dermal, systemic effects

Substance name	DNEL value	① DNEL type ② Exposure route ③ Exposure time
propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7	319 mg/kg bw/day	① DNEL Consumer ② Long-term - dermal, systemic effects
propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7	26 mg/kg bw/day	① DNEL Consumer ② Long-term - oral, systemic effects

Substance name	PNEC Value	① PNEC type
propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7	140.9 mg/L	① PNEC aquatic, freshwater
propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7	140.9 mg/L	① PNEC aquatic, marine water
propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7	2,251 mg/L	① PNEC sewage treatment plant
propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7	552 mg/kg	① PNEC sediment, freshwater
propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7	552 mg/kg	① PNEC sediment, marine water
propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7	28 mg/kg	① PNEC soil
propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7	140.9 mg/L	① PNEC aquatic, intermittent release

8.2. Exposure controls

8.2.1. Appropriate engineering controls

The level of protection and types of controls required will depend on the potential exposure conditions. Adequate ventilation should be provided so that exposure limits are not exceeded. See section 7 of the safety data sheet.

8.2.2. Personal protection equipment

Eye/face protection:

Keep eye wash bottle within reach. Wear tight-fitting safety glasses. In case of exceptional processing problems, wear a face shield and protective suit.

Skin protection:

Handle with nitrile protective gloves. Breakthrough time: > 480 min., layer thickness: 0.35 mm, according to EN 374. Check gloves carefully before use. Remove gloves carefully without touching the outside with the bare hand. Suitability for a specific workplace must be discussed with the manufacturer of the protective gloves. Wash and dry the hands.

Respiratory protection:

If respiratory risks are present, use an air-purifying face mask if necessary.

Other protection measures:

Impermeable clothing. The type of protective equipment depends on the concentration and quantity of hazardous substances in the workplace concerned.

8.2.3. Environmental exposure controls
Comply with applicable environmental regulations that limit releases to air, water and soil. Protect the environment by applying appropriate control measures to prevent or limit emissions. For further information on disposal: see section 13.

SECTION 9: Physical and chemical properties

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

Appearance
Form: Aerosol (Liquid)
Colour: yellow
Odour: characteristic
flammability: No data available

Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	*No data available*		
Melting point	*No data available*		
Freezing point	*No data available*		
Initial boiling point and boiling range	-140 – 211 °C		
Flash point	61 °C		
Evaporation rate	*No data available*		
Auto-ignition temperature	*No data available*		
Upper/lower flammability or explosive limits	0.7 – 6 %		
Vapour pressure	100 Pa	20 °C	
Vapour density	*No data available*		
Density	0.8 kg/L	20 °C	
Bulk density	*not applicable*		
Water solubility	*not applicable*		② insoluble in: Water
Dynamic viscosity	*No data available*		
Kinematic viscosity	*No data available*		
Self ignition temperature	255 °C		

9.2. Other information
No data available

SECTION 10: Stability and reactivity

10.1. Reactivity
Stable under normal conditions.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
none

10.4. Conditions to avoid
Protect from sunlight. Do no expose to temperatures exceeding 50 °C.

10.5. Incompatible materials
Do not store near sources of ignition.

10.6. Hazardous decomposition products
No decomposition when used as directed.

SECTION 11: Toxicological information

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

Kerosine (petroleum), hydrodesulfurized CAS No.: 64742-81-0 EC No.: 265-184-9
LD_{50} oral: ≥5,000 mg/kg (Rat)
LD_{50} dermal: >2,000 mg/kg (Rabbit) OECD 402
LC_{50} Acute inhalation toxicity (gas): >5.28 ppmV 1 d (Rat) OECD 403
LC_{50} Acute inhalation toxicity (vapour): ≥50 mg/L 4 h (Rat)
propane CAS No.: 74-98-6 EC No.: 200-827-9
LD_{50} oral: 5,840 mg/kg (Rat)
LD_{50} dermal: 13,900 mg/kg (Rabbit)
LC_{50} Acute inhalation toxicity (gas): >25 ppmV 4 h (Rat)
LC_{50} Acute inhalation toxicity (vapour): ≥50 mg/L 4 h (Rat)
butane CAS No.: 106-97-8 EC No.: 203-448-7
LD_{50} oral: ≥5,000 mg/kg (Rat)
LD_{50} dermal: ≥5,000 mg/kg (Rabbit)
LC_{50} Acute inhalation toxicity (gas): 658 ppmV 4 h (Rat)
LC_{50} Acute inhalation toxicity (vapour): ≥50 mg/L 4 h (Rat)
propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7
LD_{50} oral: >2,000 mg/kg (Rat)
LD_{50} dermal: >2,000 mg/kg (Rat)
LC_{50} Acute inhalation toxicity (gas): >25 ppmV 4 h (Rat)
LC_{50} Acute inhalation toxicity (vapour): >20 mg/L 6 h (Rat)
Sulfonic acids, petroleum, sodium salts CAS No.: 68608-26-4 EC No.: 271-781-5
LD_{50} oral: 2,000 mg/kg (Ratte)
LD_{50} dermal: ≥5,000 mg/kg (Kaninchen)
LC_{50} Acute inhalation toxicity (vapour): ≥50 mg/L (Ratte)
Distillates (petroleum), solvent-dewaxed heavy paraffinic CAS No.: 64742-65-0 EC No.: 265-169-7
LD_{50} oral: ≥5,000 mg/kg (Ratte)
LD_{50} dermal: ≥5,000 mg/kg (Kaninchen)
LC_{50} Acute inhalation toxicity (vapour): ≥50 mg/L 4 h (Ratte)

Acute oral toxicity:
> 2000 mg/kg

Acute dermal toxicity:
> 2000 mg/kg

Skin corrosion/irritation:
Causes skin irritation.

Serious eye damage/irritation:
Not classified according to the CLP calculation method.

Respiratory or skin sensitisation:
Not classified according to the CLP calculation method.

Germ cell mutagenicity:
Not classified according to the CLP calculation method.

Carcinogenicity:
Not classified according to the CLP calculation method.

Reproductive toxicity:
Not classified according to the CLP calculation method.

STOT-single exposure:
May cause drowsiness or dizziness.

STOT-repeated exposure:
Not classified according to the CLP calculation method.

Aspiration hazard:
Not classified according to the CLP calculation method.

11.2. Information on other hazards

Other information:
No further details.

SECTION 12: Ecological information

*

12.1. Toxicity

Kerosine (petroleum), hydrodesulfurized CAS No.: 64742-81-0 EC No.: 265-184-9
NOEC: 0.098 mg/L 28 d (fish, Oncorhynchus mykiss) QSAR
propane CAS No.: 74-98-6 EC No.: 200-827-9
LC_{50}: 9,640 mg/L 4 d (fish, Pimephales promelas)
LC_{50}: 0.41 mg/L 4 d (fish, Oncorhynchus mykiss)
LC_{50}: 49.9 mg/L 4 d (fish) The Ecosar class program has been develo
EC_{50}: >100 mg/L (Algae/water plant, Bacteria)
EC_{50}: 0.17 mg/L 3 d (Algae/water plant, Selenastrum capricornutum)
EC_{50}: 69.43 mg/L 2 d (crustaceans, Daphnia) Calculation using ECOSAR Program v1.00.
NOEC: 0.017 mg/L 3 d (Algae/water plant, Pseudokirchneriella subcapitata)
ErC_{50}: 19.37 mg/L 4 d (Algae/water plant, Algae) Calculation using ECOSAR Program v1.00.
LOEC: 1,000 mg/L (Algae/water plant, Algae)
LOEC: 1,000 mg/L (Algae/water plant, Alge)
butane CAS No.: 106-97-8 EC No.: 203-448-7
LC_{50}: 49.9 mg/L 4 d (fish) The Ecosar class program has been develo
EC_{50}: 69.43 mg/L 2 d (crustaceans, Daphnia sp.) Calculation using ECOSAR Program v1.00
ErC_{50}: 19.37 mg/L 4 d (Algae/water plant, Algae) Calculation using ECOSAR Program v1.00
propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7
LC_{50}: >1,000 mg/L 4 d (fish)
EC_{50}: >1,000 mg/L 2 d (crustaceans)
LC_{50}: 9,640 mg/L 4 d (fish, Pimephales promelas)
LC_{50}: 9,714 mg/L 1 d (Daphnia magna)
EC_{50}: >100 mg/L (Algae/water plant, Bacteria)
LOEC: 1,000 mg/L (Alge)
EC_{50}: >100 mg/L 2 d (crustaceans, Daphnia magna)
ErC_{50}: >100 mg/L 3 d (Algae/water plant, Desmodesmus subspicatus)
LOEC: 1,000 mg/L (Algae/water plant, Algae)

12.2. Persistence and degradability

propane CAS No.: 74-98-6 EC No.: 200-827-9
Biodegradation: Yes, rapidly
butane CAS No.: 106-97-8 EC No.: 203-448-7
Biodegradation: Yes, rapidly
propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7
Biodegradation: Yes, rapidly
Remark: Readily biodegradable (according to OECD criteria).

Additional information:
The surfactants contained in this mixture comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

Multi Tech 5 500ml

12.3. Bioaccumulative potential

propane CAS No.: 74-98-6 EC No.: 200-827-9
Log K_{OW}: 1.09
butane CAS No.: 106-97-8 EC No.: 203-448-7
Log K_{OW}: 1.09
propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7
Log K_{OW}: 0.05

12.4. Mobility in soil
insoluble in: Water

*
12.5. Results of PBT and vPvB assessment

Kerosine (petroleum), hydrodesulfurized CAS No.: 64742-81-0 EC No.: 265-184-9
Results of PBT and vPvB assessment: —
propane CAS No.: 74-98-6 EC No.: 200-827-9
Results of PBT and vPvB assessment: —
butane CAS No.: 106-97-8 EC No.: 203-448-7
Results of PBT and vPvB assessment: —
propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7
Results of PBT and vPvB assessment: —
Sulfonic acids, petroleum, sodium salts CAS No.: 68608-26-4 EC No.: 271-781-5
Results of PBT and vPvB assessment: —
Distillates (petroleum), solvent-dewaxed heavy paraffinic CAS No.: 64742-65-0 EC No.: 265-169-7
Results of PBT and vPvB assessment: —

No further relevant information available.

12.6. Endocrine disrupting properties
No further relevant information available.

12.7. Other adverse effects
No further relevant information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Do not allow to enter into surface water or drains. Disposal must be carried out by an approved service provider. Any restrictions imposed by local authorities must always be respected.

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or ID number			
UN 1950	UN 1950	UN 1950	UN 1950
14.2. UN proper shipping name			
AEROSOLS, FLAMMABLE	AEROSOLS, FLAMMABLE	AEROSOLS, MARINE POLLUTANT	AEROSOLS, flammable
14.3. Transport hazard class(es)			
 2.1	No data available	 2.1	 2.1
14.4. Packing group			
		-	

*

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.5. Environmental hazards			
	No data available	 MARINE POLLUTANT	No data available
14.6. Special precautions for user			
Special Provisions: 190 | 327 | 344 | 625 **Limited quantity (LQ):** 1L **Excepted Quantities (EQ):** E0 **Classification code:** 5F **Tunnel restriction code:** (D) **Remark:** Explosion risk. Pressurised container: May burst if heated.	**Special Provisions:** 190 | 327 | 344 | 625 **Limited quantity (LQ):** 1L **Excepted Quantities (EQ):** E0 **Classification code:** 5F **Remark:** Explosion risk. Pressurised container: May burst if heated.	**Special Provisions:** 63 | 190 | 277 | 327 | 344 | 381 | 959 **Limited quantity (LQ):** 1L **Excepted Quantities (EQ):** E0 **EmS-No.:** F-D,S-U	**Special Provisions:** A145 | A167

14.7. Maritime transport in bulk according to IMO instruments
No data available

SECTION 15: Regulatory information

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

15.1.1. EU legislation

Other regulations (EU):
Safety, health and environmental regulations specific for the product in question: aromatic hydrocarbons > 30%, anionic surfactants < 5%

Directive 2004/42/EC on the limitation of emissions of volatile organic compounds:
Volatile organic compounds (VOC) content in percent by weight: 80 Vol-%

15.1.2. National regulations
No data available

15.2. Chemical Safety Assessment
A chemical safety assessment has not been carried out.

SECTION 16: Other information

* **16.1. Indication of changes**

3.2.	Mixtures
8.1.	Control parameters
9.1.	Information on basic physical and chemical properties
11.1.	Information on hazard classes as defined in Regulation (EC) No 1272/2008
12.1.	Toxicity
12.5.	Results of PBT and vPvB assessment
14.3.	Transport hazard class(es)
16.1.	Indication of changes
16.2.	Abbreviations and acronyms
16.7.	Additional information

* **16.2. Abbreviations and acronyms**

ACGIH American Conference of Governmental Industrial Hygienists

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
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
DNEL	derived no-effect level
EC_{50}	Effective Concentration 50%
EN	European Standard
ES	Exposure scenario
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
KG	body weight
LC_{50}	Lethal (fatal) Concentration 50%
LD_{50}	Lethal (fatal) Dose 50%
MAK	Maximum concentration in the workplace air (CH)
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety & Health
NOEC	No Observed Effect Concentration
OECD	Organisation for Economic Cooperation and Development
OSHA	Occupational Safety & Health Administration
PBT	persistent and bioaccumulative and toxic
PNEC	Predicted No Effect Concentration
QSAR	Quantitative Structure-Activity Relationship
REACH	Registration, Evaluation and Authorization of Chemicals
RID	Dangerous goods regulations for transport by rail
TRGS	Technische Regeln für Gefahrstoffe
UN	United Nations
VOC	Volatile organic compounds
ZNS	central nervous system

16.3. Key literature references and sources for data

No data available

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
Skin corrosion/irritation *(Skin Irrit. 2)*	H315: Causes skin irritation.	
STOT-single exposure *(STOT SE 3)*	H336: May cause drowsiness or dizziness.	
Hazardous to the aquatic environment *(Aquatic Chronic 2)*	H411: Toxic to aquatic life with long lasting effects.	
aerosol dispensers and lighters *(Aerosol 1)*	H222; H229: Extremely flammable aerosol. Pressurised container: May burst if heated.	

16.5. List of relevant hazard statements and/or precautionary statements from sections 2 to 15

Hazard statements	
H220	Extremely flammable gas.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

16.6. Training advice

No data available

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16.7. Additional information

To the best of our knowledge, the information contained herein is accurate. However, neither the above-mentioned supplier nor its subsidiaries assume any liability with regard to the correctness or completeness of the information provided. A final determination of the suitability of individual materials is the sole responsibility of the user. All materials may involve unknown risks and should be used with caution. While certain risks are described herein, we cannot guarantee that these are the only possible risks.

* Data changed compared with the previous version.