



Rapid Tac Cleaner & Application Fluid

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878
Issue date: 7/21/2026 Version: 1.0

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

1.1. Product identifier

Product form : Mixture
Name : Rapid Tac Cleaner & Application Fluid

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

1.2.1. Relevant identified uses

Industrial/Professional use spec : Industrial, for professional use only.
Use of the substance/mixture : Surface preparation to promote adhesion of vinyl decals.

1.2.2. Uses advised against

Restrictions on use : Any use not specified.

1.3. Details of the supplier of the safety data sheet

Rapid Tac Inc.
190 North Valley Drive
Suite L
Grants Pass, Oregon 97526 USA
Tel.: +1 (541) 474-1113 (Tuesday to Friday; 6:30 AM - 4:30 PM Pacific)
Email: mail@rapidtac.com



1.4. Emergency telephone number

Emergency number : ChemTel LLC (7 days a week, 24 hours a day)
+1 (800) 255-3924 (North America)
+1 (813) 248-0585 (International)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Not classified.

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. Label elements

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

No labelling applicable.

2.3. Other hazards

Contains no PBT and/or vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII.

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not 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 at a concentration equal to or greater than 0,1 %.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Ethanol substance with national workplace exposure limit(s) (AT, BE, CZ, DK, FI, FR, DE, HU, IE, LV, LT, NL, PL, PT, SK, SI, ES, SE, GB)	CAS-No.: 64-17-5 EC-No.: 200-578-6 EC Index-No.: 603-002-00-5	10 – 20	Flam. Liq. 2, H225 Carc. 1A, H350

Exact concentrations are withheld as trade secret.
Full text of H- and EUH-statements: see section 16.

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SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: Rinse eyes with water as a precaution. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after inhalation	: Not expected to present a significant hazard under anticipated conditions of normal use. May cause suffocation by reducing oxygen available for breathing in enclosed spaces.
Symptoms/effects after skin contact	: Not expected to present a significant skin hazard under anticipated conditions of normal use. Repeated dermal contact with material can lead to defatting of the skin. irritation (itching, redness, blistering).
Symptoms/effects after eye contact	: Not expected to present a significant eye contact hazard under anticipated conditions of normal use. May cause minor eye irritation.
Symptoms/effects after ingestion	: Not expected to present a significant hazard under anticipated conditions of normal use. Ingestion may cause nausea, vomiting and diarrhea.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: No fire hazard.
Explosion hazard	: No direct explosion hazard.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

5.3. Advice for firefighters

Firefighting instructions	: Exercise caution when fighting any chemical fire. Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. Use water spray or fog for cooling exposed containers. Prevent fire fighting water from entering the environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection. Self-contained breathing apparatus. Complete protective clothing. EN 469.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Stop leak if safe to do so. Absorb spillage to prevent material damage. Notify authorities if product enters sewers or public waters.
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6.1.1. For non-emergency personnel

Protective equipment	: Wear recommended personal protective equipment.
Emergency procedures	: Evacuate unnecessary personnel. Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	: Evacuate unnecessary personnel. Stop leak if safe to do so. Ventilate area.

6.2. Environmental precautions

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

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6.3. Methods and material for containment and cleaning up

- For containment : Stop leak without risks if possible. Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
- Methods for cleaning up : Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
- Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13. See Section 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.
- Precautions for safe handling : Provide good ventilation in process area to prevent formation of vapour. Wear personal protective equipment. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Heat and ignition sources. Keep cool. Protect from sunlight. Keep container closed when not in use.
- Incompatible products : Strong oxidizers.
- Packaging materials : Always store product in container of same material as original container.
- Storage class (LGK) : LGK 12 - Non-combustible liquids
- Joint storage not permitted for : LGK 1, LGK 6.2, LGK 7
- Joint storage with restrictions permitted for : LGK 4.1A, LGK 4.3, LGK 5.1C
- Joint storage permitted for : LGK 2A, LGK 2B, LGK 3, LGK 4.1B, LGK 4.2, LGK 5.1A, LGK 5.1B, LGK 5.2, LGK 6.1A, LGK 6.1B, LGK 6.1C, LGK 6.1D, LGK 8A, LGK 8B, LGK 10, LGK 11, LGK 12, LGK 13, LGK 10-13

7.3. Specific end use(s)

No additional information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Ethanol (64-17-5)

Austria - Occupational Exposure Limits

MAK [mg/m ³]	1900 mg/m ³
MAK (OEL TWA)	1000 ppm
MAK Short time value [mg/m ³]	3800 mg/m ³ max. 3x60 min./Schicht (gemessen als Momentanwert)
MAK Short time value [ppm]	2000 ppm max. 3x60 min./Schicht (gemessen als Momentanwert)

Belgium - Occupational Exposure Limits

Limit value [mg/m ³]	1907 mg/m ³
Limit value [ppm]	1000 ppm

Czech Republic - Occupational Exposure Limits

Local name	Ethanol (Ethylalkohol)
Expoziční limity (PEL) (mg/m ³)	1000 mg/m ³
Expoziční limity (PEL) (ppm)	530 ppm
Expoziční limity (NPK-P) (mg/m ³)	3000 mg/m ³
Expoziční limity (NPK-P) (ppm)	1590 ppm

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Ethanol (64-17-5)	
Regulatory reference	Nařízení vlády č. 361/2007 Sb. (Předpis 195/2021 Sb.)
Denmark - Occupational Exposure Limits	
Local name	Ethanol (Ethylalkohol)
Grænseværdi (8 timer) (mg/m³)	1900 mg/m³
Grænseværdi (8 timer) (ppm)	1000 ppm
Grænseværdi (STEL) (mg/m³)	3800 mg/m³
Grænseværdi (STEL) (ppm)	2000 ppm
Regulatory reference	BEK nr 2203 af 29. november 2021
Finland - Occupational Exposure Limits	
Local name	Etanoli
HTP-arvo (8h) (mg/m³)	1900 mg/m³
HTP-arvo (8h) (ppm)	1000 ppm
HTP-arvo (15 min)	2500 mg/m³
HTP-arvo (15 min) (ppm)	1300 ppm
Regulatory reference	HTP-ARVOT 2020 (Sosiaali- ja terveystieteiden ministeriö)
France - Occupational Exposure Limits	
Local name	Alcool éthylique
VME [mg/m³]	1900 mg/m³
VLEP 8h (OEL TWA)	1000 ppm
VLE [mg/m³]	9500 mg/m³
VLE [ppm]	5000 ppm
Note (FR)	Valeurs recommandées/admises
Regulatory reference	Circulaire du Ministère du travail (réf.: INRS ED 984, 2016)
Germany - Occupational Exposure Limits (TRGS 900)	
Occupational exposure limit value (mg/m³)	960 mg/m³
Occupational exposure limit value (ppm)	500 ppm
Peak exposure limitation factor	4(II)
Remark	DFG - Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe der DFG (MAK-Kommission); Y - Ein Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen Grenzwertes (BGW) nicht befürchtet zu werden
Regulatory reference	TRGS900
Hungary - Occupational Exposure Limits	
Local name	ETIL-ALKOHOL
AK-érték	1900 mg/m³
CK-érték	7600 mg/m³
Remark	N (Irritáló anyagok, egyszerű fojtógázok, csekély egészségkárosító hatással bíró anyagok)
Regulatory reference	5/2020. (II. 6.) ITM rendelet - A kémiai kóroki tényezők hatásának kitett munkavállalók egészségének és biztonságának védelméről

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Ethanol (64-17-5)	
Ireland - Occupational Exposure Limits	
OEL (15 min ref) (ppm)	1000 ppm
Latvia - Occupational Exposure Limits	
Local name	Etilspirts (etanols)
OEL TWA	1000 mg/m ³
Regulatory reference	Ministru kabineta 2007. gada 15. maija noteikumiem Nr. 325
Lithuania - Occupational Exposure Limits	
IPRV (mg/m ³)	1000 mg/m ³
IPRV (OEL TWA)	500 ppm
TPRV (mg/m ³)	1900 mg/m ³
TPRV (ppm)	1000 ppm
Netherlands - Occupational Exposure Limits	
Local name	Ethanol
Grenswaarde TGG 8H (mg/m ³)	260 mg/m ³
Grenswaarde TGG 15MIN (mg/m ³)	1900 mg/m ³
Remark	Kankerverwekkende stof. H (Huidopname) Stoffen die relatief gemakkelijk door de huid kunnen worden opgenomen, hetgeen een substantiële bijdrage kan betekenen aan de totale inwendige blootstelling, hebben in de lijst een H-aanduiding. Bij deze stoffen moeten naast maatregelen tegen inademing ook adequate maatregelen ter voorkoming van huidcontact worden genomen.
Regulatory reference	Arbeidsomstandighedenregeling 2022
Poland - Occupational Exposure Limits	
Local name	Etanol (alkohol etylowy)
NDS (mg/m ³)	1900 mg/m ³
Regulatory reference	Dz. U. 2018 poz. 1286
Portugal - Occupational Exposure Limits	
Local name	Etanol (Álcool etílico)
OEL STEL	1000 ppm
Remark	A3 (Agente carcinogénico confirmado nos animais de laboratorio con relevância desconhecida no Homem)
Regulatory reference	Norma Portuguesa NP 1796:2014
Slovakia - Occupational Exposure Limits	
Local name	Etylalkohol (etanol)
NPHV (priemerná) (mg/m ³)	960 mg/m ³
NPHV (priemerná) (ppm)	500 ppm
NPHV (OEL STEL)	1920 mg/m ³
	1000 ppm
Regulatory reference	Nariadenie vlády č. 355/2006 Z. z. (236/2020 Z. z.)
Slovenia - Occupational Exposure Limits	
Local name	etanol (etilalkohol)
OEL TWA	960 mg/m ³

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Ethanol (64-17-5)	
	500 ppm
OEL STEL	1920 mg/m ³
	1000 ppm
Remark	Y (Snovi, pri katerih ni nevarnosti za zarodek ob upoštevanju mejnih vrednosti in bat vrednosti)
Regulatory reference	Uradni list RS, št. 72/2021 z dne 11.5.2021
Spain - Occupational Exposure Limits	
Local name	Etanol (Alcohol etílico)
VLA-ED (mg/m ³)	1910 mg/m ³
VLA-ED (ppm)	1000 ppm
VLA-EC (mg/m ³)	1910 mg/m ³
VLA-EC (ppm)	1000 ppm
Notes	s,
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2022. INSHT
Sweden - Occupational Exposure Limits	
Local name	Etanol
Nivågränsvärde (NVG) (mg/m ³)	1000 mg/m ³
Nivågränsvärde (NVG) (ppm)	500 ppm
Kortidsvärde (KTV) (mg/m ³)	1900 mg/m ³
Kortidsvärde (KTV) (ppm)	1000 ppm
Remark	V (Vägledande kortidsgränsvärde ska användas som ett rekommenderat högsta värde som inte bör överskridas)
Regulatory reference	Hygieniska gränsvärden (AFS 2018:1)
United Kingdom - Occupational Exposure Limits	
WEL TWA (mg/m ³)	1920 mg/m ³
WEL TWA (ppm)	1000 ppm
WEL STEL (OEL STEL)*	5760 mg/m ³
	3000 ppm
Norway - Occupational Exposure Limits	
Local name	Etanol
Grenseverdier (AN) (mg/m ³)	950 mg/m ³
Grenseverdier (AN) (ppm)	500 ppm
Regulatory reference	FOR-2021-06-28-2248
Switzerland - Occupational Exposure Limits	
VME [mg/m ³]	960 mg/m ³
MAK (ppm)	500 ppm
KZGW (mg/m ³)	1920 mg/m ³
KZGW (ppm)	1000 ppm
USA - ACGIH® - Threshold Limit Values	
Local name	Ethanol

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Ethanol (64-17-5)	
ACGIH TWA (mg/m³)	1884 mg/m³
ACGIH® TLV® TWA	1000 ppm
ACGIH® TLV® STEL	1000 ppm
Remark (ACGIH®)	TLV® Basis: URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2022

8.1.2. Recommended monitoring procedures

No additional information available.

8.1.3. Air contaminants formed

No additional information available.

8.1.4. DNEL and PNEC

No additional information available.

8.1.5. Control banding

No additional information available.

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Industrial and professional. Perform risk assessment prior to use. Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

Wear recommended personal protective equipment. Avoid all unnecessary exposure.

8.2.2.1. Eye and face protection

Eye protection:

Chemical goggles or safety glasses. EN 166.

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing.

Hand protection:

Wear protective gloves. Wear water impervious gloves. Butyl rubber gloves. VITON gloves. EN 374.

8.2.2.3. Respiratory protection

Respiratory protection:

None under normal use. In case of insufficient ventilation, wear suitable respiratory equipment. EN 136/140.

8.2.2.4. Thermal hazards

No additional information available.

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Yellow
Odour	: Vanilla
Odour threshold	: Not available

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Melting point	: Not applicable
Freezing point	: Not available
Boiling point	: > 78.5 °C (173.3 °F)
Flammability	: Non flammable
Explosive limits	: Not available
Lower explosion limit	: Not available
Upper explosive limit (UEL)	: Not available
Flash point	: 36 °C (96.8 °F) (Pensky-Martens Closed Cup - This material IS NOT classified as having sustaining combustion per the UN Method)
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: 7.5 – 9 at 20 °C (68 °F)
Viscosity, kinematic	: Not available
Solubility	: Soluble in water
Log Kow	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: 8.15 lb/gal
Relative density	: 0.9765 (water=1)
Relative vapour density at 20°C	: Not available
Particle size	: Not applicable
Particle size distribution	: Not applicable
Particle shape	: Not applicable
Particle aspect ratio	: Not applicable
Particle aggregation state	: Not applicable
Particle agglomeration state	: Not applicable
Particle specific surface area	: Not applicable
Particle dustiness	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

VOC content	: 1.15 lb/gal (138 g/l)
VOC content (Less Water And Exempt Solvents)	: 5.78 lb/gal (692 g/l)

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

No flames, no sparks. Eliminate all sources of ignition. Direct sunlight. Extremely high or low temperatures. Heat.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Fumes. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

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

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)

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Ethanol (64-17-5)

LD50 Oral rat	10470 mg/kg
LD50 Dermal rabbit	> 20000 mg/kg
LC50 Inhalation rat	133.8 mg/l/4h

Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: 7.5 – 9 at 20 °C (68 °F)
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: 7.5 – 9 at 20 °C (68 °F)
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Additional information	:

Ethanol (64-17-5)

IARC group	1 - Carcinogenic to humans
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)

Ethanol (64-17-5)

LOAEL (oral, rat, 90 days)	3200 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEL (oral, rat, 90 days)	1730 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Remarks on results: other:

Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)
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11.2. Information on other hazards

No additional information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified (Based on available data, the classification criteria are not met)
Hazardous to the aquatic environment, long-term (chronic)	: Not classified (Based on available data, the classification criteria are not met)

Ethanol (64-17-5)

LC50 fish	14200 mg/l
EC50 crustacea	5012 mg/l
EC50 96h algae	≈ 22000 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
ErC50 algae	275 mg/l Source: ECHA

12.2. Persistence and degradability

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Persistence and degradability	Not established.
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Ethanol (64-17-5)

Biodegradation	> 96 % 28 d
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12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.
Ethanol (64-17-5)	
Log Pow	-0.32 Source: ICSC
Bioaccumulative potential	Not expected to bioaccumulate.

12.4. Mobility in soil

No additional information available.

12.5. Results of PBT and vPvB assessment

Component	
Ethanol (64-17-5)	This substance does not meet the PBT criteria of REACH regulation, annex XIII. This substance does not meet the vPvB criteria of REACH regulation, annex XIII.

12.6. Endocrine disrupting properties

No additional information available.

12.7. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
Additional information : Do not re-use empty containers.
Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

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

14.1. UN number or ID number

UN-No. (ADR) : Not regulated
UN-No. (IMDG) : Not regulated
UN-No. (IATA) : Not regulated
UN-No. (ADN) : Not regulated
UN-No. (RID) : Not regulated

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not regulated
Proper Shipping Name (IMDG) : Not regulated
Proper Shipping Name (IATA) : Not regulated
Proper Shipping Name (ADN) : Not regulated
Proper Shipping Name (RID) : Not regulated

14.3. Transport hazard class(es)

ADR
Transport hazard class(es) (ADR) : Not regulated

IMDG
Transport hazard class(es) (IMDG) : Not regulated

IATA
Transport hazard class(es) (IATA) : Not regulated

ADN
Transport hazard class(es) (ADN) : Not regulated

RID
Transport hazard class(es) (RID) : Not regulated

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14.4. Packing group

Packing group (ADR)	: Not regulated
Packing group (IMDG)	: Not regulated
Packing group (IATA)	: Not regulated
Packing group (ADN)	: Not regulated
Packing group (RID)	: Not regulated

14.5. Environmental hazards

Dangerous for the environment	: No
Marine pollutant	: No
Other information	: No supplementary information available

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

Inland waterway transport

Not regulated

Rail transport

Not regulated

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)	
Contains no substance(s) listed on the REACH Candidate List	
Contains no substance(s) listed on REACH Annex XIV (Authorisation List)	
Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)	
Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)	
Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)	
VOC content	: 1.15 lb/gal (138 g/l)
VOC content (Less Water And Exempt Solvents)	: 5.78 lb/gal (692 g/l)

15.1.2. National regulations

France	
Occupational diseases	
Code	Description
RG 84	Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide

Germany

Employment restrictions	: Observe restrictions according Act on the Protection of Working Mothers (MuSchG) Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG)
Water hazard class (WGK)	: WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1)
Twelfth Ordinance on the Implementation of the Federal Immission Control Act (12. BImSchV)	: Is not subject to the Major Accidents Ordinance (12. BImSchV)

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Netherlands

ABM category : B(4) - low hazard for aquatic organisms
SZW List of Carcinogenic Substances : Ethanol is listed
SZW List of Mutagenic Substances : None of the components are listed
SZW List of Reprotoxic Substances – Breastfeeding : Ethanol is listed
SZW List of Reprotoxic Substances – Fertility : Ethanol is listed
SZW List of Reprotoxic Substances – Development : Ethanol is listed

Denmark

Class for fire hazard : Class II-1
Store unit : 5 liter
Classification remarks : R10 <>; Emergency management guidelines for the storage of flammable liquids must be followed
Danish National Regulations : Young people below the age of 18 years are not allowed to use the product
Pregnant/breastfeeding women working with the product must not be in direct contact with it.
If an employee is pregnant or breastfeeding and the person in question uses or is exposed to this product at work, the employer must always carry out a risk assessment of the work. The assessment must both deal with the dangerousness of the impact and its strength and duration. The employer's decision that a pregnant or lactating woman can perform a specific work task must therefore be made in the context of her specific working conditions. See also WEA-Guideline A.1.8-7 on the working environment of pregnant and breastfeeding workers. The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

Switzerland

Storage class (LK) : LK 10/12 - Liquids

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

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
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
CAS-No.	Chemical Abstract Service number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
COD	Chemical oxygen demand (COD)
CSA	Chemical safety assessment
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
EWG	European waste catalogue
IARC	International Agency for Research on Cancer

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Abbreviations and acronyms:

IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
Log Kow	Partition coefficient n-octanol/water (Log Kow)
Log Pow	Partition coefficient n-octanol/water (Log Pow)
MAK	maximum workplace concentration
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
N.O.S.	Not Otherwise Specified
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
OSHA	Occupational Safety Health Administration
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
PPE	Personal protection equipment
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
TF	Technical function
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
TWA	Time Weighted Average
VOC	Volatile Organic Compounds
vPvB	Very Persistent and Very Bioaccumulative
UFI	Unique Formula Identifier

Data sources : Information from published literature and internal company data.

Other information : None.

Full text of H- and EUH-statements:

Carc. 1A	Carcinogenicity, Category 1A
Carc. Not classified	Carcinogenicity Not classified
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. Not classified	Flammable liquids Not classified
H225	Highly flammable liquid and vapour.
H350	May cause cancer.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Flam. Liq. Not classified		Expert judgement
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Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Carc. Not classified		Expert judgement
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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.