



Rapid Tac II 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 II Cleaner & Application Fluid
UFI : Hazardous mixture, will require UFI and PCN submission. The UFI number is required on the label or next to the label on the product. It is not required on the SDS sheet. Please advise if you would like it included on the SDS sheet.

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)

Country	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Serious eye damage/eye irritation, Category 2 H319
Specific target organ toxicity – Single exposure, Category 3, Narcosis H336
Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

May cause drowsiness or dizziness. Causes serious eye irritation.

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) : Warning
Contains : 1-methoxy-2-propanol
Hazard statements (CLP) : H319 - Causes serious eye irritation.
H336 - May cause drowsiness or dizziness.

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Precautionary statements (CLP) : P261 - Avoid breathing mist, spray, vapours.
P264 - Wash hands, forearms and face thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves, protective clothing, eye protection, face protection.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 - Call a POISON CENTER, doctor if you feel unwell.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

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]
1-methoxy-2-propanol substance with national workplace exposure limit(s) (AT, BE, BG, HR, CY, CZ, DK, EE, FI, FR, DE, GI, GR, HU, IE, IT, LV, LT, LU, MT, NL, PL, PT, RO, SK, SI, ES, SE, GB); substance with a Community workplace exposure limit	CAS-No.: 107-98-2 EC-No.: 203-539-1 EC Index-No.: 603-064-00-3 REACH-no: 01-2119457435-35	25 – 55	Flam. Liq. 3, H226 STOT SE 3, H336
1-propoxypropan-2-ol	CAS-No.: 1569-01-3 EC-No.: 216-372-4	10 – 20	Flam. Liq. 3, H226 Eye Irrit. 2, H319

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

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. Call a poison center or a doctor if you feel unwell.
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. 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 cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. 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 : May cause drowsiness or dizziness.
Symptoms/effects after skin contact : None under normal conditions. Repeated or prolonged skin contact may cause dermatitis and defatting.
Symptoms/effects after eye contact : Causes serious eye irritation.
Symptoms/effects after ingestion : None under normal conditions.

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

Treat symptomatically.

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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.

6.1.1. For non-emergency personnel

- Protective equipment : Wear recommended personal protective equipment.
Emergency procedures : Ventilate spillage area. Avoid breathing mist, spray, vapours. Avoid contact with skin and eyes. Evacuate unnecessary personnel.

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.

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 : 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. Avoid breathing mist, spray, vapours. Avoid contact with skin and eyes. 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 : Store locked up. Keep only in the original container in a cool, well ventilated place away from : Heat and ignition sources. Keep container closed when not in use.
Incompatible products : Strong bases. Strong acids. Strong oxidizers.
Packaging materials : Always store product in container of same material as original container.
Storage class (LGK) : LGK 12 - Non-combustible liquids

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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

1-methoxy-2-propanol (107-98-2)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	1-Methoxypropanol-2
IOEL TWA	375 mg/m ³
	100 ppm
IOELV STEL (mg/m ³)	568 mg/m ³
IOELV STEL (ppm)	150 ppm
Notes	Skin
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC
Albania - Occupational Exposure Limits	
Local name	Metoksi-1-propanol-2
OEL TWA	375 mg/m ³
	100 ppm
OEL STEL	568 mg/m ³
	150 ppm
Remark	Lëkurë (tregon mundësinë e një marrjeje të rëndësishme nëpërmjet lëkurës)
Regulatory reference	VENDIM Nr. 522, datë 6.8.2014 PËR MIRATIMIN E RREGULLORES "PËR MBROJTJEN E SIGURISË DHE SHËNDETIT TË PUNËMARRËSVE NGA RISQET E LIDHURA ME AGJENTËT KIMIKË NË PUNË"
Austria - Occupational Exposure Limits	
Local name	1-Methoxypropanol-2 (1-Methylpropylenglykol-2; Propylenglykol-1-monomethylether)
MAK [mg/m ³]	187 mg/m ³
MAK (OEL TWA)	50 ppm
MAK Short time value [mg/m ³]	187 mg/m ³
MAK Short time value [ppm]	50 ppm
OEL C	187 mg/m ³
	50 ppm
Remark (AT)	H
Regulatory reference	BGBI. II Nr. 156/2021
Belgium - Occupational Exposure Limits	
Local name	1-Méthoxy-2-propanol # 1-Methoxy-2-propanol
Limit value [mg/m ³]	184 mg/m ³

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1-methoxy-2-propanol (107-98-2)	
Limit value [ppm]	50 ppm
Short time value [mg/m³]	369 mg/m³
Short time value [ppm]	100 ppm
Remark (BE)	D: la mention "D" signifie que la résorption de l'agent, via la peau, les muqueuses ou les yeux, constitue une partie importante de l'exposition totale. Cette résorption peut se faire tant par contact direct que par présence de l'agent dans l'air. # D: de vermelding "D" betekent dat de opname van het agens via de huid, de slijmvliezen of de ogen een belangrijk deel van de totale blootstelling vormt. Deze opname kan het gevolg zijn van zowel direct contact als zijn aanwezigheid in de lucht.
Regulatory reference	Koninklijk besluit/Arrêté royal 11/05/2021
Bulgaria - Occupational Exposure Limits	
Local name	1-Метоксипропан-2-ол
OEL TWA (mg/m³)	375 mg/m³
OEL TWA	100 ppm
OEL STEL	568 mg/m³
	150 ppm
Remark	Кожа (възможна е значителна резорбция чрез кожата); • (Химични агенти, за които са определени гранични стойности във въздуха на работната среда за Европейската общност)
Regulatory reference	Наредба № 13 от 30.12.2003 г. за защита на работещите от рискове, свързани с експозиция на химични агенти при работа (изм. и доп. ДВ. бр. 47 от 2021 г., в сила от 04.06.2021 г.)
Croatia - Occupational Exposure Limits	
Local name	1-Metoksi-2-propanol; monopropilen-glikol metil-eter
GVI (granična vrijednost izloženosti) (mg/m³)	375 mg/m³
GVI (OEL TWA)	100 ppm
KGVI (OEL STEL)	568 mg/m³
	150 ppm
Remark	Direktiva: 2000/39/EZ
Regulatory reference	Pravilnik o zaštiti radnika od izloženosti opasnim kemikalijama na radu, graničnim vrijednostima izloženosti i biološkim graničnim vrijednostima (NN 1/2021)
Cyprus - Occupational Exposure Limits	
Local name	1-Μεθοξυπροπανόλη-2
OEL TWA	375 mg/m³
	100 ppm
OEL STEL	568 mg/m³
	150 ppm
Remark	δέρμα
Regulatory reference	Κανονισμοί του 2007 (Κ.Δ.Π. 295/2007)
Czech Republic - Occupational Exposure Limits	
Local name	1-Methoxy-2-propanol
Expoziční limity (PEL) (mg/m³)	270 mg/m³

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1-methoxy-2-propanol (107-98-2)	
Expoziční limity (PEL) (ppm)	72 ppm
Expoziční limity (NPK-P) (mg/m³)	550 mg/m³
Expoziční limity (NPK-P) (ppm)	147 ppm
Remark	D - při expozici se významně uplatňuje pronikání faktoru kůží.
Regulatory reference	Nařízení vlády č. 361/2007 Sb. (Předpis 195/2021 Sb.)
Denmark - Occupational Exposure Limits	
Local name	1-Methoxy-2-propanol (Propylenglycolmonomethylether)
Grænseværdi (8 timer) (mg/m³)	185 mg/m³
Grænseværdi (8 timer) (ppm)	50 ppm
Grænseværdi (STEL) (mg/m³)	370 mg/m³
Grænseværdi (STEL) (ppm)	100 ppm
Remark	E (betyder, at stoffet har en EF-grænseværdi)
Regulatory reference	BEK nr 2203 af 29. november 2021
Estonia - Occupational Exposure Limits	
Local name	1-metoksü-2-propanool (propüleenglükool-monometüüleeter, o-metüülpropüleen-glükool)
OEL TWA	375 mg/m³
	100 ppm
OEL STEL	568 mg/m³
	150 ppm
Remark	A (Naha kaudu kergesti imenduv aine), S (Sensibiliseeriv aine)
Regulatory reference	Vabariigi Valitsuse 20. märtsi 2001. a määruse nr 105 (RT I, 15.05.2021, 1)
Finland - Occupational Exposure Limits	
Local name	1-Metoksi-2-propanoli
HTP-arvo (8h) (mg/m³)	370 mg/m³
HTP-arvo (8h) (ppm)	100 ppm
HTP-arvo (15 min)	560 mg/m³
HTP-arvo (15 min) (ppm)	150 ppm
Remark	Iho
Regulatory reference	HTP-ARVOT 2020 (Sosiaali- ja terveystieteiden ministeriö)
France - Occupational Exposure Limits	
Local name	1-Méthoxy-2-propanol (Ether méthylique du propylène-glycol) (1-Méthoxypropane-2-ol)
VME [mg/m³]	188 mg/m³
VLEP 8h (OEL TWA)	50 ppm
VLE [mg/m³]	375 mg/m³
VLE [ppm]	100 ppm
Note (FR)	Valeurs réglementaires contraignantes; risque de pénétration percutanée
Regulatory reference	Article R4412-149 du Code du travail (réf.: INRS ED 984, 2016; Décret n° 2019-1487; Décret n° 2020-1546; Décret n° 2021-434; Décret n° 2021-1849)

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1-methoxy-2-propanol (107-98-2)	
Germany - Occupational Exposure Limits (TRGS 900)	
Local name	1-Methoxy-2-propanol
Occupational exposure limit value (mg/m³)	370 mg/m³
Occupational exposure limit value (ppm)	100 ppm
Limitation of exposure peaks (mg/m³)	740 mg/m³
Limitation of exposure peaks (ppm)	200 ppm
Peak exposure limitation factor	2(I)
Remark	DFG - Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe der DFG (MAK-Kommission); EU - Europäische Union (Von der EU wurde ein Luftgrenzwert festgelegt: Abweichungen bei Wert und Spitzenbegrenzung sind möglich); Y - Ein Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen Grenzwertes (BGW) nicht befürchtet zu werden
Regulatory reference	TRGS900
Germany - Biological limit values (TRGS 903)	
Local name	1-Methoxypropan-2-ol
Biological limit value	15 mg/l Parameter: 1-Methoxypropan-2-ol - Untersuchungsmaterial: U = Urin - Probenahmezeitpunkt: b) Expositionsende, bzw. Schichtende - Festlegung/Begründung: 11/2012 DFG
Regulatory reference	TRGS 903
Gibraltar - Occupational Exposure Limits	
Local name	1-Methoxypropanol-2
OEL TWA	375 mg/m³
	100 ppm
OEL STEL	568 mg/m³
	150 ppm
Remark	Skin
Regulatory reference	Factories (Control of Chemical Agents at Work) Regulations 2003 (LN. 2018/181)
Greece - Occupational Exposure Limits	
Local name	Προπυλενογλυκολ-μεθυλαιθέρας
OEL TWA (mg/m³)	360 mg/m³
OEL TWA	100 ppm
OEL STEL	1080 mg/m³
	300 ppm
Remark	Η ένδειξη «δέρμα» στις οριακές τιμές επαγγελματικής έκθεσης επισημαίνει το ενδεχόμενο σημαντικής διείσδυσης μέσω του δέρματος.
Regulatory reference	Π.Δ. 90/1999 - Προστασία της υγείας των εργαζομένων που εκτίθενται σε ορισμένους χημικούς παράγοντες κατά τη διάρκεια της εργασίας τους
Hungary - Occupational Exposure Limits	
Local name	1-METOXIPROPÁN-2-OL
AK-érték	375 mg/m³
CK-érték	568 mg/m³

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1-methoxy-2-propanol (107-98-2)	
Remark	b (Bőrön át is felszívódik); EU1 (2000/39/EK irányelvben közölt érték); R+T (Azok az anyagok, amelyek RÖVID és TARTÓS expozíciója is egészségkárosodást okoz)
Regulatory reference	5/2020. (II. 6.) ITM rendelet - A kémiai kóroki tényezők hatásának kitett munkavállalók egészségének és biztonságának védelméről
Ireland - Occupational Exposure Limits	
Local name	Propylene glycol monomethyl ether [1-Methoxypropan2-ol]
OEL (8 hours ref) (mg/m³)	375 mg/m³
OEL (8 hours ref) (ppm)	100 ppm
OEL (15 min ref) (mg/m³)	568 mg/m³
OEL (15 min ref) (ppm)	150 ppm
Regulatory reference	Chemical Agents Code of Practice 2021
Italy - Occupational Exposure Limits	
Local name	Metossipropanolo-2, 1-
OEL TWA	375 mg/m³
	100 ppm
OEL STEL	568 mg/m³
OEL STEL (ppm)	150 ppm
Remark	Cute
Regulatory reference	Allegato XXXVIII del D.Lgs. 9 aprile 2008, n. 81 e s.m.i.
Latvia - Occupational Exposure Limits	
Local name	1-Metoksi-2-propanols (propilēnglikola monometilēteris, monopropilēnglikolmetilēteris)
OEL TWA	375 mg/m³
OEL TWA (ppm)	100 ppm
OEL STEL	568 mg/m³
	150 ppm
Remark	Āda
Regulatory reference	Ministru kabineta 2007. gada 15. maija noteikumiem Nr. 325
Lithuania - Occupational Exposure Limits	
Local name	1-metoksiopropanolis-2 (propilenglikolio monometileteris, PGME)
IPRV (mg/m³)	190 mg/m³
IPRV (OEL TWA)	50 ppm
TPRV (mg/m³)	300 mg/m³
TPRV (ppm)	75 ppm
Regulatory reference	LIETUVOS HIGIENOS NORMA HN 23:2011 (Nr. V-695/A1-272, 2018-06-12)
Luxembourg - Occupational Exposure Limits	
Local name	1-Méthoxypropane-2-ol
OEL TWA	375 mg/m³
	100 ppm
OEL STEL	568 mg/m³
	150 ppm

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1-methoxy-2-propanol (107-98-2)	
Remark	Peau
Regulatory reference	Mémorial A N° 226 de 2021 concernant la protection de la sécurité et de la santé des salariés contre les risques liés à des agents chimiques sur le lieu de travail
Malta - Occupational Exposure Limits	
Local name	1-Methoxy-2-propanol
OEL TWA	375 mg/m ³
	100 ppm
OEL STEL	568 mg/m ³
	150 ppm
Remark	Skin # Ġilda
Regulatory reference	S.L.424.24 - Chemical Agents at Work Regulations (L.N.356 of 2021)
Netherlands - Occupational Exposure Limits	
Local name	1-Methoxy-2-propanol
Grenswaarde TGG 8H (mg/m ³)	375 mg/m ³
Grenswaarde TGG 15MIN (mg/m ³)	563 mg/m ³
Remark	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	1-Metoksypropan-2-ol
NDS (mg/m ³)	180 mg/m ³
NDSch (mg/m ³)	360 mg/m ³
Remark	Skóra (Oznakowanie substancji notacją „skóra” oznacza, że wchłanianie substancji przez skórę może być tak samo istotne jak przy narażeniu drogą oddechową).
Regulatory reference	Dz. U. 2018 poz. 1286
Portugal - Occupational Exposure Limits	
Local name	1-Metoxi-2-propanol (PGME)
OEL TWA	50 ppm
OEL STEL	100 ppm
Remark	A4 (Agente não classificável como carcinogénico no Homem)
Regulatory reference	Norma Portuguesa NP 1796:2014
Romania - Occupational Exposure Limits	
Local name	1-Metoxi-2-propanol/1-metoxipropan-2-ol
OEL TWA (mg/m ³)	375 mg/m ³
OEL TWA	100 ppm
OEL STEL (mg/m ³)	568 mg/m ³
OEL STEL	150 ppm
Remark	P - posibilitatea unei penetrări cutanate importante
Regulatory reference	Hotărârea Guvernului nr. 1.218/2006 (Hotărârea nr. 53/2021)

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1-methoxy-2-propanol (107-98-2)	
Serbia - Occupational Exposure Limits	
Local name	1-метокси-пропанол-2
OEL TWA	375 mg/m ³
	100 ppm
OEL STEL	568 mg/m ³
	150 ppm
Remark	ЕУ* – напомена да се ради о хемијским материјама за које су утврђене индикативне граничне вредности изложености према Директиви 2000/39/ЕЗ (прва листа); К – напомена да хемијска материја може штетно деловати на кожу
Regulatory reference	ПРАВИЛНИК о превентивним мерама за безбедан и здрав рад при излагању хемијским материјама („Службени гласник РС”, бр. 106/09, 117/17 и 107/21)
Slovakia - Occupational Exposure Limits	
Local name	1-Metoxypropán-2-ol (propylénglykolmonometyléter)
NPHV (priemerná) (mg/m ³)	375 mg/m ³
NPHV (priemerná) (ppm)	100 ppm
NPHV (OEL STEL)	568 mg/m ³
	150 ppm
Remark	K - znamená, že faktor môže byť ľahko absorbovaný kožou
Regulatory reference	Nariadenie vlády č. 355/2006 Z. z. (236/2020 Z. z.)
Slovenia - Occupational Exposure Limits	
Local name	1-metoksi-2-propanol (propilenglikolmonometil eter)
OEL TWA	375 mg/m ³
	100 ppm
OEL STEL	568 mg/m ³
	150 ppm
Remark	K (Lastnost lažjega prehajanja snovi v organizem skozi kožo), Y (Snovi, pri katerih ni nevarnosti za zarodek ob upoštevanju mejnih vrednosti in bat vrednosti), BAT (Biološka mejna vrednost), EU
Regulatory reference	Uradni list RS, št. 72/2021 z dne 11.5.2021
Slovenia - Biological limit values	
Local name	1-metoksiopropan-2-ol
BLV	15 mg/l Parameter: 1-metoksiopropan-2-ol - Biološki vzorec: urin - Čas vzorčenja: ob koncu delovne izmene
Regulatory reference	Uradni list RS, št. 72/2021 z dne 11.5.2021
Spain - Occupational Exposure Limits	
Local name	1-Metoxipropan-2-ol (Éter 1-metilico de propilenglicol)
VLA-ED (mg/m ³)	375 mg/m ³
VLA-ED (ppm)	100 ppm
VLA-EC (mg/m ³)	568 mg/m ³
VLA-EC (ppm)	150 ppm

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1-methoxy-2-propanol (107-98-2)	
Notes	Vía dérmica (Indica que, en las exposiciones a esta sustancia, la aportación por la vía cutánea puede resultar significativa para el contenido corporal total si no se adoptan medidas para prevenir la absorción. En estas situaciones, es aconsejable la utilización del control biológico para poder cuantificar la cantidad global absorbida del contaminante), VLI (Agente químico para el que la U.E. estableció en su día un valor límite indicativo).
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2022. INSHT
Sweden - Occupational Exposure Limits	
Local name	1-Metoxi-2-propanol
Nivågränsvärde (NVG) (mg/m³)	190 mg/m³
Nivågränsvärde (NVG) (ppm)	50 ppm
Kortidsvärde (KTV) (mg/m³)	568 mg/m³
Kortidsvärde (KTV) (ppm)	150 ppm
Remark	H (Ämnet kan lätt upptas genom huden. Det föreskrivna gränsvärdet bedöms ge tillräckligt skydd endast under förutsättning att huden är skyddad mot exponering för ämnet ifråga)
Regulatory reference	Hygieniska gränsvärden (AFS 2018:1)
United Kingdom - Occupational Exposure Limits	
Local name	1-Methoxypropan-2-ol
WEL TWA (mg/m³)	375 mg/m³
WEL TWA (ppm)	100 ppm
WEL STEL (mg/m³)	560 mg/m³
WEL STEL (OEL STEL) [ppm]	150 ppm
Remark	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
Iceland - Occupational Exposure Limits	
Local name	1-Metoxý-2-própanól
OEL (8 hours ref) (mg/m³)	185 mg/m³
OEL TWA	50 ppm
OEL STEL	568 mg/m³
	150 ppm
Remark	H (efnið getur auðveldlega borist inn í líkamann gegnum húð)
Regulatory reference	Reglugerð um mengunarmörk og aðgerðir til að draga úr mengun á vinnustöðum (Nr. 390/2009)
Norway - Occupational Exposure Limits	
Local name	1-metoksy-2-propanol (Propylenglykolmonometyleter)
Grenseverdier (AN) (mg/m³)	180 mg/m³
Grenseverdier (AN) (ppm)	50 ppm
Remark	H: Kjemikalier som kan tas opp gjennom huden; E: EU har en veiledende grenseverdi og/eller anmerkning for stoffet.
Regulatory reference	FOR-2021-06-28-2248
North Macedonia - Occupational Exposure Limits	
Local name	1-метокси-2-пропанол (пропиленгликолноометил етер)

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1-methoxy-2-propanol (107-98-2)	
OEL TWA	375 mg/m ³
	100 ppm
KTV	1.5
OEL STEL*	562.5 mg/m ³
	150 ppm
Remark	(KTV) краткотрајна вредност (КТВ) значи концентрација на опасни хемиски супстанции во воздухот на работното место внатре во зона на дишење, на која работникот без опасност по здравјето може да е изложен на покосо време. Изложеноста на краткотрајни вредности може да трае највеќе 15 минути и не смее да се повтори повеќе од четирипати во работната смена, при што меѓу две изложености на оваа концентрација мора да измине најмалку 60 минути. Краткотрајната вредност е изразена во mg/m ³ или во ml/m ³ (ppm) а е дадена како многукратни дозволени пречекорувања на граничната вредност; (K) својство на полесно пренесување на супстанциите во организмот преку кожата; (EU) European Union – гранична вредност, определена на ниво на Европската унија
Regulatory reference	Правилник за минималните барања за безбедност и здравје при работа на вработени од ризици поврзани со изложување на хемиски супстанции („Службен весник на Република Македонија“ бр.46/10)
Switzerland - Occupational Exposure Limits	
Local name	1-Méthoxypropan-2-ol [1-Méthoxy-2-propanol, Méthoxy-1-propanol-2] / 1-Methoxypropan-2-ol [Propylenglykol-1-methylether, 2PG1ME, 1-Methoxy-2-propanol]
VME [mg/m ³]	360 mg/m ³
MAK (ppm)	100 ppm
KZGW (mg/m ³)	720 mg/m ³
KZGW (ppm)	200 ppm
Critical toxicity	VRS, Yeux / OAW, Auge
Notation	SS _C , B / SS _C , B
Regulatory reference	www.suva.ch, 01.01.2021
Switzerland - BAT	
Local name	1-Méthoxypropan-2-ol / 1-Methoxypropan-2-ol
BAT	20 mg/l (221.9 µmol/l; Paramètre biologique: 1-Méthoxypropanol-2; Substrat d'examen: Urine; Moment du prélèvement: Fin de l'exposition, de la période de travail.) / (221.9 µmol/l; Biologischer Parameter: 1-Methoxypropanol-2; Untersuchungsmaterial: Urin; Probennahmezeitpunkt: Expositionsende, bzw. Schichtende.)
Regulatory reference	Ordonnance 832.30 (OPA), article 50 al. 3, www.suva.ch/valeurs-limites / Verordnung 832.30 (VUV), Art. 50 Abs. 3, www.suva.ch/grenzwerte
Turkey - Occupational Exposure Limits	
Local name	1-Metoksipropanol-2
OEL TWA	375 mg/m ³
	100 ppm
OEL STEL	568 mg/m ³
	150 ppm
Comments	Deri
Regulatory reference	12 Ağustos 2013 Tarihli ve 28733 Sayılı Resmî Gazete

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1-methoxy-2-propanol (107-98-2)	
USA - ACGIH® - Threshold Limit Values	
Local name	1-Methoxy-2-propanol
ACGIH TWA (mg/m³)	369 mg/m³
ACGIH® TLV® TWA	50 ppm
ACGIH STEL (mg/m³)	553 mg/m³
ACGIH® TLV® STEL	100 ppm
Remark (ACGIH®)	TLV® Basis: Eye & URT irr. Notations: A4 (Not classifiable as a Human Carcinogen)
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:

Long sleeved protective clothing.

Hand protection:

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

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Use an approved respirator equipped with oil/mist cartridges. 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.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Green
Odour	: Vanilla
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not available
Boiling point	: 99.5 °C (211.1 °F)
Flammability	: Non flammable
Explosive limits	: Not available
Lower explosion limit	: Not available
Upper explosive limit (UEL)	: Not available
Flash point	: 56 °C (132.8 °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	: 25 mm Hg at 20 °C (68 °F)
Vapour pressure at 50°C	: Not available
Density	: 8.353 lb/gal
Relative density	: 1.001 (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 : 216 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 acids. Strong bases. Strong oxidizers.

10.6. Hazardous decomposition products

Fumes. Carbon monoxide. Carbon dioxide. Aldehydes. Ketones. Organic acids.

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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)

1-methoxy-2-propanol (107-98-2)	
LD50 Oral rat	4016 mg/kg Source: ECHA
LD50 Dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: EU Method B.3 (Acute Toxicity (Dermal))
LD50 Dermal rabbit	> 2000 mg/kg Source: ECHA
LC50 Inhalation rat [ppm]	> 7000 ppm 6 hr

1-propoxypropan-2-ol (1569-01-3)	
LD50 Oral rat	2490 mg/kg female; 4330 mg/kg male
LD50 Dermal rabbit	3775 mg/kg male; 4330 mg/kg female

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 : Causes serious eye irritation.
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)
Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure : May cause drowsiness or dizziness.

1-methoxy-2-propanol (107-98-2)	
STOT-single exposure	May cause drowsiness or dizziness.

STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)

1-methoxy-2-propanol (107-98-2)	
LOAEL (oral, rat, 90 days)	2757 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents)
NOAEL (oral, rat, 90 days)	919 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents)
NOAEL (dermal, rat/rabbit, 90 days)	> 1000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : 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 %.

11.2.2. Other information

Potential adverse human health effects and symptoms : Causes serious eye irritation. May cause drowsiness or dizziness.

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.

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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)

1-methoxy-2-propanol (107-98-2)	
LC50 fish	≥ 1000 mg/l Source: EHCA
EC50 crustacea	21100 – 25900 mg/l Source: ECHA
EC50 other aquatic organisms	2954 mg/l
EC50 72h algae	> 500 mg/l Source: EHCA
ErC50 algae	> 1000 mg/l

1-propoxypropan-2-ol (1569-01-3)	
LC50 fish	> 100 mg/l
EC50 crustacea	> 100 mg/l
EC50 96h algae	1273.164 mg/l Source: ECOSAR

12.2. Persistence and degradability

Rapid Tac II Cleaner & Application Fluid	
Persistence and degradability	Not established.

1-methoxy-2-propanol (107-98-2)	
Persistence and degradability	Readily biodegradable.
Biodegradation	96 % 28 days

1-propoxypropan-2-ol (1569-01-3)	
Persistence and degradability	Readily biodegradable.
Biodegradation	91.5 % 28 d

12.3. Bioaccumulative potential

Rapid Tac II Cleaner & Application Fluid	
Bioaccumulative potential	Not established.

1-methoxy-2-propanol (107-98-2)	
Log Pow	-0.49 Source: HSDB
Bioaccumulative potential	Not expected to bioaccumulate.

1-propoxypropan-2-ol (1569-01-3)	
BCF fish	> 100 mg/l 48 h
Log Pow	0.621

12.4. Mobility in soil

1-propoxypropan-2-ol (1569-01-3)	
Mobility in soil	3

12.5. Results of PBT and vPvB assessment

Component	
1-methoxy-2-propanol (107-98-2)	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
1-propoxypropan-2-ol (1569-01-3)	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

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12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties

: 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 %.

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

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

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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 : 1.8 lb/gal (216 g/l)

VOC content (Less Water And Exempt Solvents) : 6.02 lb/gal (721 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)

Netherlands

ABM category : A(4) - low hazard for aquatic organisms, may have longterm hazardous effects in aquatic environment

SZW List of Carcinogenic Substances : None of the components are listed

SZW List of Mutagenic Substances : None of the components are listed

SZW List of Reprotoxic Substances – Breastfeeding : None of the components are listed

SZW List of Reprotoxic Substances – Fertility : None of the components are listed

SZW List of Reprotoxic Substances – Development : None of the components are listed

Denmark

Class for fire hazard : Class III-1

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Store unit	: 50 liter
Classification remarks	: Flammable according to the Danish Ministry of Justice; 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.

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
EWC	European waste catalogue
IARC	International Agency for Research on Cancer
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)

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Abbreviations and acronyms:	
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:	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Flam. Liq. Not classified	Flammable liquids Not classified
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis
H226	Flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Flam. Liq. Not classified		Expert judgement
Eye Irrit. 2	H319	Calculation method
STOT SE 3	H336	Calculation method

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.