

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture  
 Trade name : Professional Strength Spot Remover - Gallons  
 Product code : C190-PF, C190-Custom

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.2.1. Relevant identified uses**

Use of the substance/mixture : Carpet and fabric treatment for spot removal of water-based spots and stains

**1.2.2. Uses advised against**

No additional information available

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

Harris Research, Inc. 1530 North 1000 West Logan, UT 84321 USA 1-435-755-0099 1-800-424-9300 1-703-527-3887	Denmark, Norway, Sweden Chem-Dry Nordic Aps Munkegaardsvej 21 Kivstgaard, 3490 45-48-14-44-18 th@chemdry.dk	Chem-Dry France Parc d'activites "Le Prieure" RuePaulin Viry 37530 Poce-sur-Cisse +33 761 8906 79 a.baba@chemdry-france.fr
Chem-Dry of Ireland LTD Unit 30 Tolka Valley Business Park Ballyboggan Road, Glasnevin Dublin, DN011 353 1 830 3940 john@chemdry.ie	Chem-Dry Luxembourg S.A. Rue De La Continentale Zac Zaemer Bascharage, L-4917 652 26 35 00 20 info@chemdry.lu	Netherlands, Belgium, Germany Chem-Dry Netherlands BV Vijfhuizenberg 127 Roosendaal, 4708 AJ 31(0)165-570 610 info@chemdry.nl
Portugal/Angola Ambiclean-Limpeza De Alcatifas, LDA Rua Samaora Machel N 3-D Urbanizacoa Alto Da Eira Sta Iria Da Azoia, 2695-395 351 21 953 00 33 info@chemdryportugal.com	Switzerland/Lichtenstein Chem-Dry Switzerland Kellerhofstrasse 11 Elgg, 8353 (41)523643031 liz.prohaska@procamed.ch	UK/England/Scotland/Wales Chem-Dry® Franchising Ltd. Belprin Road Beverley, East Yorkshire HU17 0LP 44 01482 678 645 e.info@chemdry.co.uk

**1.4. Emergency telephone number**

Emergency number : Chemtrec (800) 424-9300  
 Chemtrec (Outside USA) +1 703-527-3887

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Not classified

**Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]**

Not classified

**Adverse physicochemical, human health and environmental effects**

No additional information available

**2.2. Label elements****Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

EUH phrases : EUH210 - Safety data sheet available on request

**2.3. Other hazards**

No additional information available

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according to Regulation (EC) No. 453/2010

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Propylene glycol monomethyl ether	(CAS No) 107-98-2 (EC no) 203-539-1 (EC index no) 603-064-00-3	<5	R10 R67
Dipropylene glycol monomethyl ether substance with a Community workplace exposure limit substance with national workplace exposure limit(s) (AT, BE, BG, CY, CZ, DE, DK, ES, ET, FI, FR, GB, GI, GR, HU, IE, IT, LT, LV, MT, NL, PL, PT, RO, SE, SK)	(CAS No) 34590-94-8 (EC no) 252-104-2	<5	Not classified
2,5-Furandione, telomer with ethenylbenzene and (1-methylethyl)benzene, sodium salt	(CAS No) 52500-92-2	<2.5	Xi; R36

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Propylene glycol monomethyl ether	(CAS No) 107-98-2 (EC no) 203-539-1 (EC index no) 603-064-00-3	<5	Flam. Liq. 3, H226 STOT SE 3, H336
Dipropylene glycol monomethyl ether substance with a Community workplace exposure limit substance with national workplace exposure limit(s) (AT, BE, BG, CY, CZ, DE, DK, ES, ET, FI, FR, GB, GI, GR, HU, IE, IT, LT, LV, MT, NL, PL, PT, RO, SE, SK)	(CAS No) 34590-94-8 (EC no) 252-104-2	<5	Not classified
2,5-Furandione, telomer with ethenylbenzene and (1-methylethyl)benzene, sodium salt	(CAS No) 52500-92-2	<2.5	Eye Irrit. 2, H319

Full text of R- and H-phrases: 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. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. by trained personnel. In all cases of doubt, or when symptoms persist, seek medical advice.
First-aid measures after skin contact	: Rinse and then wash skin thoroughly with water and soap. Remove/Take off immediately all contaminated clothing. Seek medical attention if irritation develops.
First-aid measures after eye contact	: Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion	: Ingestion is not considered a potential route of exposure. Rinse mouth. Immediately call a POISON CENTER or doctor/physician. Get medical advice/ attention. if swallowed, induce vomiting as directed by medical personnel.

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

Symptoms/injuries after inhalation	: Inhalation of mist or aerosol may cause irritation to nose and throat . High concentration of vapours may induce: headache, dizziness, drowsiness, nausea and vomiting.
Symptoms/injuries after skin contact	: Frequent or prolonged contact with skin may cause dermal irritation.
Symptoms/injuries after eye contact	: In fine dispersion/spraying/misting: May cause eye irritation.
Symptoms/injuries after ingestion	: Ingestion may cause nausea and vomiting.

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

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Use dry chemical, foam, carbon dioxide or water fog.

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

No additional information available

#### 5.3. Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. Evacuate the personnel away from the fumes.
Protective equipment for firefighters	: Do not enter fire area without proper protective equipment, including respiratory protection. Wear a self contained breathing apparatus.

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Other information : Special danger of slipping by leaking/spilling product.

### SECTION 6: Accidental release measures

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

General measures : If spilled, may cause the floor to be slippery. Stop leak if safe to do so. Avoid breathing mist or vapor. Avoid contact with skin, eyes and clothes.

##### 6.1.1. For non-emergency personnel

Protective equipment : Refer to section 8. Avoid contact with the skin and the eyes.  
Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.  
Emergency procedures : Evacuate unnecessary personnel. Ensure adequate ventilation, especially in confined areas.

#### 6.2. Environmental precautions

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

Methods for cleaning up : Collect spillage. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Place in waste disposal drum and clean area with water. Store away from other materials. Ensure all national/local regulations are observed. Dispose of contents/container to Comply with applicable local, national and international regulations.

#### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Keep out of reach of children. Obtain special instructions before use. Content under pressure. Do not crush, puncture or incinerate. Keep away from heat and direct sunlight. Ensure adequate ventilation. Protect eyes from misting or spraying material. Avoid inhaling product mist. 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. Handle in accordance with good industrial hygiene and safety practices.

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

Technical measures : A washing facility/water for eye and skin cleaning purposes should be present. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of mists and/or vapors below the recommended exposure limits.

Storage conditions : Keep only in the original container in a cool well ventilated place. Keep locked up and out of reach of children. Store away from freezing (avoid freezing during storage). Protect against direct sunlight. Store in dry, cool, well-ventilated area. Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Store containers in an upright manner to prevent leakage.

Incompatible materials : Strong oxidizing agents. Acids. Bases.

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

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Propylene glycol monomethyl ether (107-98-2)		
EU	IOELV TWA (mg/m <sup>3</sup> )	375 mg/m <sup>3</sup>
EU	IOELV TWA (ppm)	100 ppm
EU	IOELV STEL (mg/m <sup>3</sup> )	568 mg/m <sup>3</sup>
EU	IOELV STEL (ppm)	150 ppm
Austria	MAK (mg/m <sup>3</sup> )	187 mg/m <sup>3</sup>
Austria	MAK (ppm)	50 ppm
Austria	MAK Short time value (mg/m <sup>3</sup> )	187 mg/m <sup>3</sup>
Austria	MAK Short time value (ppm)	50 ppm
Austria	OEL - Ceilings (mg/m <sup>3</sup> )	187 mg/m <sup>3</sup>
Austria	OEL - Ceilings (ppm)	50 ppm
Belgium	Limit value (mg/m <sup>3</sup> )	375 mg/m <sup>3</sup>
Belgium	Limit value (ppm)	100 ppm
Belgium	Short time value (mg/m <sup>3</sup> )	568 mg/m <sup>3</sup>
Belgium	Short time value (ppm)	150 ppm
Bulgaria	OEL TWA (mg/m <sup>3</sup> )	375.0 mg/m <sup>3</sup>

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Propylene glycol monomethyl ether (107-98-2)		
Bulgaria	OEL TWA (ppm)	100 ppm
Bulgaria	OEL STEL (mg/m <sup>3</sup> )	568.0 mg/m <sup>3</sup>
Bulgaria	OEL STEL (ppm)	150 ppm
Croatia	GVI (granična vrijednost izloženosti) (mg/m <sup>3</sup> )	375 mg/m <sup>3</sup>
Croatia	GVI (granična vrijednost izloženosti) (ppm)	100 ppm
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m <sup>3</sup> )	568 mg/m <sup>3</sup>
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	150 ppm
Cyprus	OEL TWA (mg/m <sup>3</sup> )	375 mg/m <sup>3</sup>
Cyprus	OEL TWA (ppm)	100 ppm
Cyprus	OEL STEL (mg/m <sup>3</sup> )	568 mg/m <sup>3</sup>
Cyprus	OEL STEL (ppm)	150 ppm
Czech Republic	Expoziční limity (PEL) (mg/m <sup>3</sup> )	270 mg/m <sup>3</sup>
Denmark	Grænseværdie (langvarig) (mg/m <sup>3</sup> )	185 mg/m <sup>3</sup>
Denmark	Grænseværdie (langvarig) (ppm)	50 ppm
Estonia	OEL TWA (mg/m <sup>3</sup> )	375 mg/m <sup>3</sup>
Estonia	OEL TWA (ppm)	100 ppm
Estonia	OEL STEL (mg/m <sup>3</sup> )	568 mg/m <sup>3</sup>
Estonia	OEL STEL (ppm)	150 ppm
Finland	HTP-arvo (8h) (mg/m <sup>3</sup> )	370 mg/m <sup>3</sup>
Finland	HTP-arvo (8h) (ppm)	100 ppm
Finland	HTP-arvo (15 min)	560 mg/m <sup>3</sup>
Finland	HTP-arvo (15 min) (ppm)	150 ppm
France	VME (mg/m <sup>3</sup> )	188 mg/m <sup>3</sup> (restrictive limit)
France	VME (ppm)	50 ppm (restrictive limit)
France	VLE (mg/m <sup>3</sup> )	375 mg/m <sup>3</sup> (restrictive limit)
France	VLE (ppm)	100 ppm (restrictive limit)
Germany	TRGS 900 Occupational exposure limit value (mg/m <sup>3</sup> )	370 mg/m <sup>3</sup> (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Germany	TRGS 900 Occupational exposure limit value (ppm)	100 ppm (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Germany	TRGS 903 (BGW)	15 mg/l (Medium: urine - Time: end of shift - Parameter: 1-Methoxypropan-2-ol)
Gibraltar	OEL TWA (mg/m <sup>3</sup> )	375 mg/m <sup>3</sup>
Gibraltar	OEL TWA (ppm)	100 ppm
Gibraltar	OEL STEL (mg/m <sup>3</sup> )	568 mg/m <sup>3</sup>
Gibraltar	OEL STEL (ppm)	150 ppm
Greece	OEL TWA (mg/m <sup>3</sup> )	360 mg/m <sup>3</sup>
Greece	OEL TWA (ppm)	100 ppm
Greece	OEL STEL (mg/m <sup>3</sup> )	1080 mg/m <sup>3</sup>
Greece	OEL STEL (ppm)	300 ppm
Hungary	AK-érték	375 mg/m <sup>3</sup>
Hungary	CK-érték	568 mg/m <sup>3</sup>
Ireland	OEL (8 hours ref) (mg/m <sup>3</sup> )	375 mg/m <sup>3</sup>
Ireland	OEL (8 hours ref) (ppm)	100 ppm
Ireland	OEL (15 min ref) (mg/m <sup>3</sup> )	568 mg/m <sup>3</sup>
Ireland	OEL (15 min ref) (ppm)	150 ppm
Italy	OEL TWA (mg/m <sup>3</sup> )	375 mg/m <sup>3</sup>
Italy	OEL TWA (ppm)	100 ppm
Italy	OEL STEL (mg/m <sup>3</sup> )	568 mg/m <sup>3</sup>
Italy	OEL STEL (ppm)	150 ppm
Latvia	OEL TWA (mg/m <sup>3</sup> )	375 mg/m <sup>3</sup>

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Propylene glycol monomethyl ether (107-98-2)		
Latvia	OEL TWA (ppm)	100 ppm
Lithuania	IPRV (mg/m <sup>3</sup> )	190 mg/m <sup>3</sup>
Lithuania	IPRV (ppm)	50 ppm
Lithuania	TPRV (mg/m <sup>3</sup> )	300 mg/m <sup>3</sup>
Lithuania	TPRV (ppm)	75 ppm
Luxembourg	OEL TWA (mg/m <sup>3</sup> )	375 mg/m <sup>3</sup>
Luxembourg	OEL TWA (ppm)	100 ppm
Luxembourg	OEL STEL (mg/m <sup>3</sup> )	568 mg/m <sup>3</sup>
Luxembourg	OEL STEL (ppm)	150 ppm
Malta	OEL TWA (mg/m <sup>3</sup> )	375 mg/m <sup>3</sup>
Malta	OEL TWA (ppm)	100 ppm
Malta	OEL STEL (mg/m <sup>3</sup> )	568 mg/m <sup>3</sup>
Malta	OEL STEL (ppm)	150 ppm
Netherlands	Grenswaarde TGG 8H (mg/m <sup>3</sup> )	375 mg/m <sup>3</sup>
Netherlands	Grenswaarde TGG 15MIN (mg/m <sup>3</sup> )	563 mg/m <sup>3</sup>
Poland	NDS (mg/m <sup>3</sup> )	180 mg/m <sup>3</sup>
Poland	NDSch (mg/m <sup>3</sup> )	360 mg/m <sup>3</sup>
Portugal	OEL TWA (mg/m <sup>3</sup> )	375 mg/m <sup>3</sup> (indicative limit value)
Portugal	OEL TWA (ppm)	100 ppm (indicative limit value)
Portugal	OEL STEL (mg/m <sup>3</sup> )	568 mg/m <sup>3</sup> (indicative limit value)
Portugal	OEL STEL (ppm)	150 ppm (indicative limit value)
Romania	OEL TWA (mg/m <sup>3</sup> )	375 mg/m <sup>3</sup>
Romania	OEL TWA (ppm)	100 ppm
Romania	OEL STEL (mg/m <sup>3</sup> )	568 mg/m <sup>3</sup>
Romania	OEL STEL (ppm)	150 ppm
Slovakia	NPHV (priemerná) (mg/m <sup>3</sup> )	375 mg/m <sup>3</sup>
Slovakia	NPHV (priemerná) (ppm)	100 ppm
Slovakia	NPHV (Hraničná) (mg/m <sup>3</sup> )	568 mg/m <sup>3</sup>
Slovenia	OEL TWA (mg/m <sup>3</sup> )	375 mg/m <sup>3</sup>
Slovenia	OEL TWA (ppm)	100 ppm
Slovenia	OEL STEL (mg/m <sup>3</sup> )	562.5 mg/m <sup>3</sup>
Slovenia	OEL STEL (ppm)	150 ppm
Spain	VLA-ED (mg/m <sup>3</sup> )	375 mg/m <sup>3</sup> (indicative limit value)
Spain	VLA-ED (ppm)	100 ppm (indicative limit value)
Spain	VLA-EC (mg/m <sup>3</sup> )	568 mg/m <sup>3</sup>
Spain	VLA-EC (ppm)	150 ppm
Sweden	nivågränsvärde (NVG) (mg/m <sup>3</sup> )	190 mg/m <sup>3</sup>
Sweden	nivågränsvärde (NVG) (ppm)	50 ppm
Sweden	kortidsvärde (KTV) (mg/m <sup>3</sup> )	300 mg/m <sup>3</sup>
Sweden	kortidsvärde (KTV) (ppm)	75 ppm
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	375 mg/m <sup>3</sup>
United Kingdom	WEL TWA (ppm)	100 ppm
United Kingdom	WEL STEL (mg/m <sup>3</sup> )	560 mg/m <sup>3</sup>
United Kingdom	WEL STEL (ppm)	150 ppm
Norway	Gjennomsnittsverdier (AN) (mg/m <sup>3</sup> )	180 mg/m <sup>3</sup>
Norway	Gjennomsnittsverdier (AN) (ppm)	50 ppm
Norway	Gjennomsnittsverdier (Kortidsverdi) (mg/m <sup>3</sup> )	225 mg/m <sup>3</sup>
Norway	Gjennomsnittsverdier (Kortidsverdi) (ppm)	75 ppm
Switzerland	VME (mg/m <sup>3</sup> )	360 mg/m <sup>3</sup>
Switzerland	VME (ppm)	100 ppm
Switzerland	VLE (mg/m <sup>3</sup> )	720 mg/m <sup>3</sup>
Switzerland	VLE (ppm)	200 ppm
Australia	TWA (mg/m <sup>3</sup> )	369 mg/m <sup>3</sup>

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Propylene glycol monomethyl ether (107-98-2)		
Australia	TWA (ppm)	100 ppm
Australia	STEL (mg/m <sup>3</sup> )	553 mg/m <sup>3</sup>
Australia	STEL (ppm)	150 ppm
Dipropylene glycol monomethyl ether (34590-94-8)		
EU	IOELV TWA (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
EU	IOELV TWA (ppm)	50 ppm
Austria	MAK (mg/m <sup>3</sup> )	307 mg/m <sup>3</sup> (mixed isomers)
Austria	MAK (ppm)	50 ppm (mixed isomers)
Austria	MAK Short time value (mg/m <sup>3</sup> )	614 mg/m <sup>3</sup> (isomers mixtures)
Austria	MAK Short time value (ppm)	100 ppm (isomers mixtures)
Belgium	Limit value (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
Belgium	Limit value (ppm)	50 ppm
Bulgaria	OEL TWA (mg/m <sup>3</sup> )	308.0 mg/m <sup>3</sup>
Bulgaria	OEL TWA (ppm)	50 ppm
Croatia	GVI (granična vrijednost izloženosti) (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
Croatia	GVI (granična vrijednost izloženosti) (ppm)	50 ppm
Cyprus	OEL TWA (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
Cyprus	OEL TWA (ppm)	50 ppm
Czech Republic	Expoziční limity (PEL) (mg/m <sup>3</sup> )	270 mg/m <sup>3</sup>
Denmark	Grænseværdie (langvarig) (mg/m <sup>3</sup> )	309 mg/m <sup>3</sup>
Denmark	Grænseværdie (langvarig) (ppm)	50 ppm
Estonia	OEL TWA (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
Estonia	OEL TWA (ppm)	50 ppm
Finland	HTP-arvo (8h) (mg/m <sup>3</sup> )	310 mg/m <sup>3</sup>
Finland	HTP-arvo (8h) (ppm)	50 ppm
France	VME (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup> (restrictive limit)
France	VME (ppm)	50 ppm (restrictive limit)
Germany	TRGS 900 Occupational exposure limit value (mg/m <sup>3</sup> )	310 mg/m <sup>3</sup> (isomer mixture)
Germany	TRGS 900 Occupational exposure limit value (ppm)	50 ppm (isomer mixture)
Gibraltar	OEL TWA (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
Gibraltar	OEL TWA (ppm)	50 ppm
Greece	OEL TWA (mg/m <sup>3</sup> )	600 mg/m <sup>3</sup>
Greece	OEL TWA (ppm)	100 ppm
Greece	OEL STEL (mg/m <sup>3</sup> )	900 mg/m <sup>3</sup>
Greece	OEL STEL (ppm)	150 ppm
Hungary	AK-érték	308 mg/m <sup>3</sup>
Hungary	CK-érték	308 mg/m <sup>3</sup> (Substances with European indicative limits (96/94/EC, 2000/39/EC, 2006/15/EC, 2009/161/EU), which currently has no peak limit concentration. In these cases, Annex 3.1. should be used exercised)
Ireland	OEL (8 hours ref) (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
Ireland	OEL (8 hours ref) (ppm)	50 ppm
Ireland	OEL (15 min ref) (mg/m <sup>3</sup> )	924 mg/m <sup>3</sup> (calculated)
Ireland	OEL (15 min ref) (ppm)	150 ppm (calculated)
Italy	OEL TWA (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
Italy	OEL TWA (ppm)	50 ppm
Latvia	OEL TWA (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
Latvia	OEL TWA (ppm)	50 ppm
Lithuania	IPRV (mg/m <sup>3</sup> )	300 mg/m <sup>3</sup>
Lithuania	IPRV (ppm)	50 ppm
Lithuania	TPRV (mg/m <sup>3</sup> )	450 mg/m <sup>3</sup>
Lithuania	TPRV (ppm)	75 ppm
Malta	OEL TWA (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
Malta	OEL TWA (ppm)	50 ppm

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Dipropylene glycol monomethyl ether (34590-94-8)		
Netherlands	Grenswaarde TGG 8H (mg/m <sup>3</sup> )	300 mg/m <sup>3</sup>
Poland	NDS (mg/m <sup>3</sup> )	240 mg/m <sup>3</sup>
Poland	NDSch (mg/m <sup>3</sup> )	480 mg/m <sup>3</sup>
Portugal	OEL TWA (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup> (indicative limit value)
Portugal	OEL TWA (ppm)	50 ppm (indicative limit value)
Portugal	OEL STEL (ppm)	150 ppm
Romania	OEL TWA (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup> 300 mg/m <sup>3</sup> (regulated under Dipropylene glycol monomethyl ether)
Romania	OEL TWA (ppm)	50 ppm 18 ppm (regulated under Dipropylene glycol monomethyl ether)
Slovakia	NPHV (priemerná) (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
Slovakia	NPHV (priemerná) (ppm)	50 ppm
Slovakia	NPHV (Hraničná) (mg/m <sup>3</sup> )	568 mg/m <sup>3</sup>
Slovenia	OEL TWA (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
Slovenia	OEL TWA (ppm)	50 ppm
Spain	VLA-ED (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup> (indicative limit value)
Spain	VLA-ED (ppm)	50 ppm (indicative limit value)
Sweden	nivågränsvärde (NVG) (mg/m <sup>3</sup> )	300 mg/m <sup>3</sup>
Sweden	nivågränsvärde (NVG) (ppm)	50 ppm
Sweden	kortidsvärde (KTV) (mg/m <sup>3</sup> )	450 mg/m <sup>3</sup>
Sweden	kortidsvärde (KTV) (ppm)	75 ppm
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
United Kingdom	WEL TWA (ppm)	50 ppm
United Kingdom	WEL STEL (mg/m <sup>3</sup> )	924 mg/m <sup>3</sup> (calculated)
United Kingdom	WEL STEL (ppm)	150 ppm (calculated)
Norway	Gjennomsnittsverdier (AN) (mg/m <sup>3</sup> )	300 mg/m <sup>3</sup>
Norway	Gjennomsnittsverdier (AN) (ppm)	50 ppm
Norway	Gjennomsnittsverdier (Kortidsverdi) (mg/m <sup>3</sup> )	375 mg/m <sup>3</sup>
Norway	Gjennomsnittsverdier (Kortidsverdi) (ppm)	75 ppm
Switzerland	VME (mg/m <sup>3</sup> )	300 mg/m <sup>3</sup>
Switzerland	VME (ppm)	50 ppm
Switzerland	VLE (mg/m <sup>3</sup> )	300 mg/m <sup>3</sup>
Switzerland	VLE (ppm)	50 ppm
Australia	TWA (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
Australia	TWA (ppm)	50 ppm

### 8.2. Exposure controls

Appropriate engineering controls

: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide local exhaust or general room ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of mists and/or vapors below the recommended exposure limits.

Personal protective equipment

: Avoid all unnecessary exposure. The following pictograms represent the minimum requirements for personal protective equipment. Personal protective equipment should be selected based upon the conditions under which this product is handled or used. Protective goggles. Protective clothing. Gloves.



Hand protection

: Wear protective gloves. rubber gloves. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Be aware that the liquid may penetrate the gloves. Frequent change is advisable.

Eye protection

: Chemical goggles or safety glasses.

Skin and body protection

: Wear suitable protective clothing. Wear protective shoes.

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Respiratory protection	: In fine dispersion/spraying/misting: In case of insufficient ventilation, wear suitable respiratory equipment. Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.
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	: Light amber.
Odour	: Slight.
Odour threshold	: No data available
pH	: 7 - 8.2
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: > 37.77 °C ( > 100 °F)
Flash point	: > 93.3 °C ( > 199.9 °F)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1.01 Specific Gravity
Solubility	: Water: Soluble
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

#### 9.2. Other information

VOC content	: 97 % Percent Volatiles
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

The product is stable at normal handling and storage conditions.

#### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

#### 10.4. Conditions to avoid

Direct sunlight. Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

#### 10.5. Incompatible materials

Strong acids. Strong bases. Oxidizing agent.

#### 10.6. Hazardous decomposition products

Thermal combustion may release carbon monoxide and dioxide. Nitrogen oxides. unburned hydrocarbons.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity	: Not classified
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#### Propylene glycol monomethyl ether (107-98-2)

LD50 oral rat	5000 mg/kg
LD50 dermal rabbit	13 g/kg
LC50 inhalation rat (mg/l)	> 6 mg/l/4h



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<b>Dipropylene glycol monomethyl ether (34590-94-8)</b>	
LD50 oral rat	5230 mg/kg
LD50 dermal rabbit	9500 mg/kg
Skin corrosion/irritation	: Not classified pH: 7 - 8.2
Serious eye damage/irritation	: Not classified pH: 7 - 8.2
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.
Specific target organ toxicity (single exposure)	: Not classified Based on available data, the classification criteria are not met.
Specific target organ toxicity (repeated exposure)	: Not classified Based on available data, the classification criteria are not met.
Aspiration hazard	: Not classified Based on available data, the classification criteria are not met.
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

### 12.1. Toxicity

<b>Propylene glycol monomethyl ether (107-98-2)</b>	
LC50 fishes 1	20.8 g/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	23300 mg/l (Exposure time: 48 h - Species: Daphnia magna)
<b>Dipropylene glycol monomethyl ether (34590-94-8)</b>	
LC50 fishes 1	> 10000 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	1919 mg/l (Exposure time: 48 h - Species: Daphnia magna)

### 12.2. Persistence and degradability

<b>Professional Strength Spot Remover - Gallons</b>	
Persistence and degradability	Not established.

### 12.3. Bioaccumulative potential

<b>Professional Strength Spot Remover - Gallons</b>	
Bioaccumulative potential	Not established.
<b>Propylene glycol monomethyl ether (107-98-2)</b>	
BCF fish 1	< 2
Log Pow	-0.437
<b>Dipropylene glycol monomethyl ether (34590-94-8)</b>	
Log Pow	-0.064 (at 20 °C)

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

: Avoid release to the environment

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Ensure all national/local regulations are observed.

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Additional information : Empty container retains product residue.  
Ecology - waste materials : Avoid release to the environment.

### SECTION 14: Transport information

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

#### 14.1. UN number

Not regulated for transport

#### 14.2. UN proper shipping name

No additional information available

#### 14.3. Transport hazard class(es)

No additional information available

#### 14.4. Packing group

No additional information available

#### 14.5. Environmental hazards

Other information : No supplementary information available

#### 14.6. Special precautions for user

No additional information available

#### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008	Propylene glycol monomethyl ether
3.b. Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	2,5-Furandione, telomer with ethenylbenzene and (1-methylethyl)benzene, sodium salt
40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.	Propylene glycol monomethyl ether

Contains no substance on the REACH candidate list

VOC content : 97 % Percent Volatiles

##### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

Sources of Key data : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Full text of R-, H- and EUH-phrases:

Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids Category 3
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H226	Flammable liquid and vapour
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness

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according to Regulation (EC) No. 453/2010

R10	Flammable
R36	Irritating to eyes
R67	Vapours may cause drowsiness and dizziness
Xi	Irritant

SDS EU (REACH Annex II)

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