

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

Product form : Mixture
 Trade name : Pro-Textile
 Product code : C155-CS, C155-G

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 : Fabric Protector

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]**

Flam. Liq. 3 H226
 Asp. Tox. 1 H304
 Aquatic Chronic 3 H412

Full text of H-phrases: see section 16

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

Xn; R65
 R52/53

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

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2.2. Label elements

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

Hazard pictograms (CLP) :



GHS02

GHS08

Signal word (CLP) :

Danger

Hazard statements (CLP) :

H226 - Flammable liquid and vapour
H304 - May be fatal if swallowed and enters airways
H412 - Harmful to aquatic life with long lasting effects

Precautionary statements (CLP) :

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P233 - Keep container tightly closed
P240 - Ground/bond container and receiving equipment
P241 - Use explosion-proof ventilating, lighting, electrical equipment
P273 - Avoid release to the environment
P280 - Wear eye protection, protective gloves, protective clothing

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Petroleum distillates, hydrotreated light	(CAS No) 64742-47-8 (EC no) 265-149-8 (EC index no) 649-422-00-2 (REACH-no) 01-2119456620-43	90 - 98	Xn; R65 R10
Stoddard solvent	(CAS No) 8052-41-3 (EC no) 232-489-3 (EC index no) 649-345-00-4	1 - 5	Carc.Cat.1; R45 Muta.Cat.1; R46 Xn; R65 Xn; R48/20
n-Butyl acetate	(CAS No) 123-86-4 (EC no) 204-658-1 (EC index no) 607-025-00-1	< 1.15	R10 R66 R67
n-Heptane	(CAS No) 142-82-5 (EC no) 205-563-8 (EC index no) 601-008-00-2	< 0.6	F; R11 Xi; R38 N; R50/53 Xn; R65 R67
Ethyl acetate substance with national workplace exposure limit(s) (AT, BE, BG, CZ, DE, DK, ES, ET, FI, FR, GB, GR, HU, IE, IT, LT, LV, PL, PT, RO, SE, SK)	(CAS No) 141-78-6 (EC no) 205-500-4 (EC index no) 607-022-00-5	< 0.6	F; R11 Xi; R36 R66 R67

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Petroleum distillates, hydrotreated light	(CAS No) 64742-47-8 (EC no) 265-149-8 (EC index no) 649-422-00-2 (REACH-no) 01-2119456620-43	90 - 98	Flam. Liq. 3, H226 Asp. Tox. 1, H304
Stoddard solvent	(CAS No) 8052-41-3 (EC no) 232-489-3 (EC index no) 649-345-00-4	1 - 5	Flam. Liq. 3, H226 Muta. 1B, H340 Carc. 1B, H350 Asp. Tox. 1, H304
n-Butyl acetate	(CAS No) 123-86-4 (EC no) 204-658-1 (EC index no) 607-025-00-1	< 1.15	Flam. Liq. 3, H226 STOT SE 3, H336
n-Heptane	(CAS No) 142-82-5 (EC no) 205-563-8 (EC index no) 601-008-00-2	< 0.6	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Ethyl acetate substance with national workplace exposure limit(s) (AT, BE, BG, CZ, DE, DK, ES, ET, FI, FR, GB, GR, HU, IE, IT, LT, LV, PL, PT, RO, SE, SK)	(CAS No) 141-78-6 (EC no) 205-500-4 (EC index no) 607-022-00-5	< 0.6	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336

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. If swallowed, rinse mouth with water (only if the person is conscious). Call a POISON CENTER or doctor/physician.
Do Not induce vomiting. If the person is fully conscious, make him/her drink water. Never give an unconscious person anything to drink. Get medical advice/ attention.

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

- Symptoms/injuries after skin contact : Prolonged or repeated contact with the skin may cause dermatitis. Skin contact may aggravate an existing dermatitis condition.
- Symptoms/injuries after eye contact : Contact may cause eye irritation. Symptoms include stinging, watering, redness, and swelling.
- Symptoms/injuries after ingestion : May be fatal if swallowed and enters airways.

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

may aggravate pre-existing respiratory conditions or allergies.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Use dry chemical, foam, carbon dioxide or water fog.
- Unsuitable extinguishing media : Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Flammable liquid and vapour.
- Explosion hazard : May form flammable/explosive vapour-air mixture. Heavier than air, vapours may travel long distances along ground, ignite and flash back to source. In closed containers, pressure build up could result in distortion, blowing and in extreme cases bursting of the container.

5.3. Advice for firefighters

- Firefighting instructions : Approach from upwind. Cool closed containers exposed to fire with water spray. 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.
- Other information : Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. Thermal decomposition generates : carbon oxides (CO and CO₂). Hydrogen fluoride.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Spills of this product present a serious slipping hazard. Eliminate all ignition sources if safe to do so. Stop leak if safe to do so. Avoid breathing dust, mist or spray. Do not breathe fumes, vapors.

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. Ventilate area.

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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 : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Contain and/or absorb spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Store away from other materials. Ensure all national/local regulations are observed. Consult the appropriate authorities about waste disposal. Dispose of waste according to applicable legislation. Avoid contact with eyes, skin and clothing. Take precautionary measures against static discharge.

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 : Obtain special instructions before use. Use only with adequate ventilation. Keep away from heat and direct sunlight. Avoid breathing dust, mist or spray. Avoid contact with eyes, skin, and clothing. Use spark-/explosionproof appliances and lighting system. Take precautionary measures against static discharge. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Hygiene measures : Always wash hands and face immediately after handling this product, and once again before leaving the workplace. Handle in accordance with good industrial hygiene and safety practices. Do not eat, drink or smoke when using this product.

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 local exhaust to maintain dust levels below exposure limits.

Storage conditions : Keep locked up and out of reach of children. Keep only in the original container in a cool well ventilated place. Store in dry protected location to prevent any moisture contact. Avoid Freezing. Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Incompatible materials : Strong acids, bases. Oxidizer.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Stoddard solvent (8052-41-3)		
Belgium	Limit value (mg/m ³)	533 mg/m ³
Belgium	Limit value (ppm)	100 ppm
Czech Republic	Expoziční limity (PEL) (mg/m ³)	200 mg/m ³
Denmark	Grænseværdie (langvarig) (mg/m ³)	145 mg/m ³ (= <20% Aromatic compounds)
Denmark	Grænseværdie (langvarig) (ppm)	25 ppm (= <20% Aromatic compounds)
Estonia	OEL TWA (mg/m ³)	300 mg/m ³
Estonia	OEL TWA (ppm)	50 ppm
Estonia	OEL STEL (mg/m ³)	600 mg/m ³
Estonia	OEL STEL (ppm)	100 ppm
Greece	OEL TWA (mg/m ³)	575 mg/m ³
Greece	OEL TWA (ppm)	100 ppm
Greece	OEL STEL (mg/m ³)	720 mg/m ³
Greece	OEL STEL (ppm)	125 ppm
Ireland	OEL (8 hours ref) (mg/m ³)	573 mg/m ³
Ireland	OEL (8 hours ref) (ppm)	100 ppm
Lithuania	IPRV (mg/m ³)	300 mg/m ³
Lithuania	IPRV (ppm)	50 ppm (value approximate)
Lithuania	TPRV (mg/m ³)	600 mg/m ³ (used as paint solvents and thinners)
Lithuania	TPRV (ppm)	100 ppm (approximate value, used as paint solvents and thinners)
Poland	NDS (mg/m ³)	300 mg/m ³ (varnish)
Poland	NDSch (mg/m ³)	900 mg/m ³ (varnish)
Portugal	OEL TWA (ppm)	100 ppm

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Stoddard solvent (8052-41-3)		
Romania	OEL TWA (mg/m ³)	700 mg/m ³
Romania	OEL STEL (mg/m ³)	1000 mg/m ³
Sweden	nivågränsvärde (NVG) (mg/m ³)	0.1 mg/m ³ (inhalable dust)
Sweden	kortidsvärde (KTV) (mg/m ³)	350 mg/m ³ (2-25% aromatics) 600 mg/m ³ (<2% aromatics)
Sweden	kortidsvärde (KTV) (ppm)	60 ppm (2-25% aromatics) 100 ppm (<2% aromatics)
Australia	TWA (mg/m ³)	790 mg/m ³
n-Heptane (142-82-5)		
EU	IOELV TWA (mg/m ³)	2085 mg/m ³
EU	IOELV TWA (ppm)	500 ppm
Austria	MAK (mg/m ³)	2000 mg/m ³ (all isomers)
Austria	MAK (ppm)	500 ppm (all isomers)
Austria	MAK Short time value (mg/m ³)	8000 mg/m ³ (all isomers)
Austria	MAK Short time value (ppm)	2000 ppm (all isomers)
Belgium	Limit value (mg/m ³)	1664 mg/m ³
Belgium	Limit value (ppm)	400 ppm
Belgium	Short time value (mg/m ³)	2085 mg/m ³
Belgium	Short time value (ppm)	500 ppm
Bulgaria	OEL TWA (mg/m ³)	1600 mg/m ³
Croatia	GVI (granična vrijednost izloženosti) (mg/m ³)	2085 mg/m ³
Croatia	GVI (granična vrijednost izloženosti) (ppm)	500 ppm
Cyprus	OEL TWA (mg/m ³)	2085 mg/m ³
Cyprus	OEL TWA (ppm)	500 ppm
Czech Republic	Expoziční limity (PEL) (mg/m ³)	1000 mg/m ³
Denmark	Grænseværdie (langvarig) (mg/m ³)	820 mg/m ³
Denmark	Grænseværdie (langvarig) (ppm)	200 ppm
Estonia	OEL TWA (mg/m ³)	2085 mg/m ³
Estonia	OEL TWA (ppm)	500 ppm
Finland	HTP-arvo (8h) (mg/m ³)	1200 mg/m ³
Finland	HTP-arvo (8h) (ppm)	300 ppm
Finland	HTP-arvo (15 min)	2100 mg/m ³
Finland	HTP-arvo (15 min) (ppm)	500 ppm
France	VME (mg/m ³)	1668 mg/m ³ (restrictive limit)
France	VME (ppm)	400 ppm (restrictive limit)
France	VLE (mg/m ³)	2085 mg/m ³ (restrictive limit)
France	VLE (ppm)	500 ppm (restrictive limit)
Germany	TRGS 900 Occupational exposure limit value (mg/m ³)	2100 mg/m ³ (all isomers)
Germany	TRGS 900 Occupational exposure limit value (ppm)	500 ppm (all isomers)
Gibraltar	OEL TWA (mg/m ³)	2085 mg/m ³
Gibraltar	OEL TWA (ppm)	500 ppm
Greece	OEL TWA (mg/m ³)	2000 mg/m ³
Greece	OEL TWA (ppm)	500 ppm
Greece	OEL STEL (mg/m ³)	2000 mg/m ³
Greece	OEL STEL (ppm)	500 ppm
Hungary	AK-érték	2000 mg/m ³
Hungary	CK-érték	8000 mg/m ³ (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 ³)	2085 mg/m ³
Ireland	OEL (8 hours ref) (ppm)	500 ppm
Ireland	OEL (15 min ref) (mg/m ³)	6255 mg/m ³ (calculated)
Ireland	OEL (15 min ref) (ppm)	1500 ppm (calculated)

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n-Heptane (142-82-5)		
Italy	OEL TWA (mg/m ³)	2085 mg/m ³
Italy	OEL TWA (ppm)	500 ppm
Latvia	OEL TWA (mg/m ³)	350 mg/m ³
Latvia	OEL TWA (ppm)	85 ppm
Lithuania	IPRV (mg/m ³)	2085 mg/m ³
Lithuania	IPRV (ppm)	500 ppm
Lithuania	TPRV (mg/m ³)	3128 mg/m ³
Lithuania	TPRV (ppm)	750 ppm
Luxembourg	OEL TWA (mg/m ³)	2085 mg/m ³
Luxembourg	OEL TWA (ppm)	500 ppm
Malta	OEL TWA (mg/m ³)	2085 mg/m ³
Malta	OEL TWA (ppm)	500 ppm
Netherlands	Grenswaarde TGG 8H (mg/m ³)	1200 mg/m ³
Netherlands	Grenswaarde TGG 15MIN (mg/m ³)	1600 mg/m ³
Poland	NDS (mg/m ³)	1200 mg/m ³
Poland	NDSch (mg/m ³)	2000 mg/m ³
Portugal	OEL TWA (mg/m ³)	2085 mg/m ³ (indicative limit value)
Portugal	OEL TWA (ppm)	500 ppm (indicative limit value)
Portugal	OEL STEL (ppm)	500 ppm
Romania	OEL TWA (mg/m ³)	2085 mg/m ³
Romania	OEL TWA (ppm)	500 ppm
Slovakia	NPHV (priemerná) (mg/m ³)	2085 mg/m ³
Slovakia	NPHV (priemerná) (ppm)	500 ppm
Spain	VLA-ED (mg/m ³)	2085 mg/m ³ (indicative limit value)
Spain	VLA-ED (ppm)	500 ppm (indicative limit value)
Sweden	nivågränsvärde (NVG) (mg/m ³)	800 mg/m ³
Sweden	nivågränsvärde (NVG) (ppm)	200 ppm
Sweden	kortidsvärde (KTV) (mg/m ³)	1200 mg/m ³
Sweden	kortidsvärde (KTV) (ppm)	300 ppm
United Kingdom	WEL TWA (mg/m ³)	2085 mg/m ³
United Kingdom	WEL TWA (ppm)	500 ppm
United Kingdom	WEL STEL (mg/m ³)	6255 mg/m ³ (calculated)
United Kingdom	WEL STEL (ppm)	1500 ppm (calculated)
Norway	Gjennomsnittsverdier (AN) (mg/m ³)	800 mg/m ³
Norway	Gjennomsnittsverdier (AN) (ppm)	200 ppm
Norway	Gjennomsnittsverdier (Kortidsverdi) (mg/m ³)	1000 mg/m ³
Norway	Gjennomsnittsverdier (Kortidsverdi) (ppm)	250 ppm
Australia	TWA (mg/m ³)	1640 mg/m ³
Australia	TWA (ppm)	400 ppm
Australia	STEL (mg/m ³)	2050 mg/m ³
Australia	STEL (ppm)	500 ppm

Ethyl acetate (141-78-6)		
Austria	MAK (mg/m ³)	1050 mg/m ³
Austria	MAK (ppm)	300 ppm
Austria	MAK Short time value (mg/m ³)	2100 mg/m ³
Austria	MAK Short time value (ppm)	600 ppm
Belgium	Limit value (mg/m ³)	1461 mg/m ³
Belgium	Limit value (ppm)	400 ppm
Bulgaria	OEL TWA (mg/m ³)	800 mg/m ³
Croatia	GVI (granična vrijednost izloženosti) (ppm)	200 ppm
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	400 ppm
Czech Republic	Expoziční limity (PEL) (mg/m ³)	700 mg/m ³

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Ethyl acetate (141-78-6)		
Denmark	Grænseværdie (langvarig) (mg/m ³)	540 mg/m ³
Denmark	Grænseværdie (langvarig) (ppm)	150 ppm
Estonia	OEL TWA (mg/m ³)	500 mg/m ³
Estonia	OEL TWA (ppm)	150 ppm
Estonia	OEL STEL (mg/m ³)	1100 mg/m ³
Estonia	OEL STEL (ppm)	300 ppm
Finland	HTP-arvo (8h) (mg/m ³)	1100 mg/m ³
Finland	HTP-arvo (8h) (ppm)	300 ppm
Finland	HTP-arvo (15 min)	1800 mg/m ³
Finland	HTP-arvo (15 min) (ppm)	500 ppm
France	VME (mg/m ³)	1400 mg/m ³
France	VME (ppm)	400 ppm
Germany	TRGS 900 Occupational exposure limit value (mg/m ³)	1500 mg/m ³ (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)	400 ppm (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Greece	OEL TWA (mg/m ³)	1400 mg/m ³
Greece	OEL TWA (ppm)	400 ppm
Hungary	AK-érték	1400 mg/m ³
Hungary	CK-érték	1400 mg/m ³
Ireland	OEL (8 hours ref) (ppm)	200 ppm
Ireland	OEL (15 min ref) (ppm)	400 ppm
Latvia	OEL TWA (mg/m ³)	200 mg/m ³
Lithuania	IPRV (mg/m ³)	500 mg/m ³
Lithuania	IPRV (ppm)	150 ppm
Lithuania	NRV (mg/m ³)	1100 mg/m ³
Lithuania	NRV (ppm)	300 ppm
Poland	NDS (mg/m ³)	200 mg/m ³
Poland	NDSch (mg/m ³)	600 mg/m ³
Portugal	OEL TWA (ppm)	400 ppm
Romania	OEL TWA (mg/m ³)	400 mg/m ³
Romania	OEL TWA (ppm)	111 ppm
Romania	OEL STEL (mg/m ³)	500 mg/m ³
Romania	OEL STEL (ppm)	139 ppm
Slovakia	NPHV (priemerná) (mg/m ³)	1500 mg/m ³
Slovakia	NPHV (priemerná) (ppm)	400 ppm
Slovakia	NPHV (Hraničná) (mg/m ³)	1100 mg/m ³
Slovenia	OEL TWA (mg/m ³)	1400 mg/m ³
Slovenia	OEL TWA (ppm)	400 ppm
Slovenia	OEL STEL (mg/m ³)	1400 mg/m ³
Slovenia	OEL STEL (ppm)	400 ppm
Spain	VLA-ED (mg/m ³)	1460 mg/m ³
Spain	VLA-ED (ppm)	400 ppm
Sweden	nivågränsvärde (NVG) (mg/m ³)	500 mg/m ³
Sweden	nivågränsvärde (NVG) (ppm)	150 ppm
Sweden	kortidsvärde (KTV) (mg/m ³)	1100 mg/m ³
Sweden	kortidsvärde (KTV) (ppm)	300 ppm
United Kingdom	WEL TWA (ppm)	200 ppm
United Kingdom	WEL STEL (ppm)	400 ppm
Norway	Gjennomsnittsverdier (AN) (mg/m ³)	550 mg/m ³

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Ethyl acetate (141-78-6)		
Norway	Gjennomsnittsverdier (AN) (ppm)	150 ppm
Norway	Gjennomsnittsverdier (Korttidsverdi) (mg/m ³)	687.5 mg/m ³
Norway	Gjennomsnittsverdier (Korttidsverdi) (ppm)	187.5 ppm
Australia	TWA (mg/m ³)	720 mg/m ³
Australia	TWA (ppm)	200 ppm
Australia	STEL (mg/m ³)	1440 mg/m ³
Australia	STEL (ppm)	400 ppm
USA - ACGIH	ACGIH TWA (ppm)	400 ppm
n-Butyl acetate (123-86-4)		
Austria	MAK (mg/m ³)	480 mg/m ³ (all isomers except tert-Butyl acetate)
Austria	MAK (ppm)	100 ppm (all isomers except tert-Butyl acetate)
Austria	MAK Short time value (mg/m ³)	480 mg/m ³ (all isomers except tert-Butyl acetate)
Austria	MAK Short time value (ppm)	100 ppm (all isomers except tert-Butyl acetate)
Austria	OEL - Ceilings (mg/m ³)	480 mg/m ³
Austria	OEL - Ceilings (ppm)	100 ppm
Belgium	Limit value (mg/m ³)	723 mg/m ³
Belgium	Limit value (ppm)	150 ppm
Belgium	Short time value (mg/m ³)	964 mg/m ³
Belgium	Short time value (ppm)	200 ppm
Bulgaria	OEL TWA (mg/m ³)	710 mg/m ³
Bulgaria	OEL STEL (mg/m ³)	950 mg/m ³
Croatia	GVI (granična vrijednost izloženosti) (mg/m ³)	724 mg/m ³
Croatia	GVI (granična vrijednost izloženosti) (ppm)	150 ppm
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m ³)	966 mg/m ³
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	200 ppm
Czech Republic	Expoziční limity (PEL) (mg/m ³)	950 mg/m ³
Denmark	Grænseværdie (langvarig) (mg/m ³)	710 mg/m ³
Denmark	Grænseværdie (langvarig) (ppm)	150 ppm
Finland	HTP-arvo (8h) (mg/m ³)	720 mg/m ³
Finland	HTP-arvo (8h) (ppm)	150 ppm
Finland	HTP-arvo (15 min)	960 mg/m ³
Finland	HTP-arvo (15 min) (ppm)	200 ppm
France	VME (mg/m ³)	710 mg/m ³
France	VME (ppm)	150 ppm
France	VLE (mg/m ³)	940 mg/m ³
France	VLE (ppm)	200 ppm
Germany	TRGS 900 Occupational exposure limit value (mg/m ³)	300 mg/m ³ (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)	62 ppm (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Greece	OEL TWA (mg/m ³)	710 mg/m ³
Greece	OEL TWA (ppm)	150 ppm
Greece	OEL STEL (mg/m ³)	950 mg/m ³
Greece	OEL STEL (ppm)	200 ppm
Hungary	AK-érték	950 mg/m ³
Hungary	CK-érték	950 mg/m ³
Ireland	OEL (8 hours ref) (mg/m ³)	710 mg/m ³
Ireland	OEL (8 hours ref) (ppm)	150 ppm
Ireland	OEL (15 min ref) (mg/m ³)	950 mg/m ³
Ireland	OEL (15 min ref) (ppm)	200 ppm
Latvia	OEL TWA (mg/m ³)	200 mg/m ³
Poland	NDS (mg/m ³)	200 mg/m ³

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n-Butyl acetate (123-86-4)		
Poland	NDSch (mg/m ³)	950 mg/m ³
Portugal	OEL TWA (ppm)	150 ppm
Portugal	OEL STEL (ppm)	200 ppm
Romania	OEL TWA (mg/m ³)	715 mg/m ³ (regulated under Butyl acetate)
Romania	OEL TWA (ppm)	150 ppm (regulated under Butyl acetate)
Romania	OEL STEL (mg/m ³)	950 mg/m ³
Romania	OEL STEL (ppm)	200 ppm
Slovakia	NPHV (priemerná) (mg/m ³)	480 mg/m ³
Slovakia	NPHV (priemerná) (ppm)	100 ppm
Slovakia	NPHV (Hraničná) (mg/m ³)	700 mg/m ³
Slovenia	OEL TWA (mg/m ³)	480 mg/m ³
Slovenia	OEL TWA (ppm)	100 ppm
Slovenia	OEL STEL (mg/m ³)	480 mg/m ³
Slovenia	OEL STEL (ppm)	100 ppm
Spain	VLA-ED (mg/m ³)	724 mg/m ³
Spain	VLA-ED (ppm)	150 ppm
Spain	VLA-EC (mg/m ³)	965 mg/m ³
Spain	VLA-EC (ppm)	200 ppm
Sweden	nivågränsvärde (NVG) (mg/m ³)	500 mg/m ³
Sweden	nivågränsvärde (NVG) (ppm)	100 ppm
Sweden	kortidsvärde (KTV) (mg/m ³)	700 mg/m ³
Sweden	kortidsvärde (KTV) (ppm)	150 ppm
United Kingdom	WEL TWA (mg/m ³)	724 mg/m ³
United Kingdom	WEL TWA (ppm)	150 ppm
United Kingdom	WEL STEL (mg/m ³)	966 mg/m ³
United Kingdom	WEL STEL (ppm)	200 ppm
Australia	TWA (mg/m ³)	713 mg/m ³
Australia	TWA (ppm)	150 ppm
Australia	STEL (mg/m ³)	950 mg/m ³
Australia	STEL (ppm)	200 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 adequate ventilation.

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. 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.

Eye protection

: Eye protection, including both chemical splash goggles and face shield, must be worn when possibility exists for eye contact due to spraying liquid or airborne particles.

Skin and body protection

: Wear suitable protective clothing. Wear protective shoes.

Respiratory protection

: Wear respiratory protection. Approved organic vapour respirator.

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

: Colourless.

Odour

: Hydrocarbon-like.

Odour threshold

: No data available

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pH	: No data available
Relative evaporation rate (butyl acetate=1)	: 0.17
Melting point	: <=
Freezing point	: No data available
Boiling point	: > 125 °C (257 °F)
Flash point	: 57.2 °C (135 °F)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: > 12.5 psia (@ 25 °C)
Relative vapour density at 20 °C	: 4.8
Relative density	: No data available
Density	: 0.781 Specific Gravity
Solubility	: Water: Insoluble
Log Pow	: No data available
Viscosity, kinematic	: 1.45 cSt
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: 1 - 7 vol %

9.2. Other information

VOC content : 99% Percent Volatiles

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable at normal conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

keep away from incompatible materials. Avoid Freezing. Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

10.5. Incompatible materials

Strong acids, bases. Oxidizer.

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Petroleum distillates, hydrotreated light (64742-47-8)

LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 5.2 mg/l/4h

n-Heptane (142-82-5)

LD50 dermal rabbit	3000 mg/kg
LC50 inhalation rat (mg/l)	103 g/m ³ (Exposure time: 4 h)

Ethyl acetate (141-78-6)

LD50 oral rat	5620 mg/kg
LD50 dermal rabbit	> 18000 mg/kg

n-Butyl acetate (123-86-4)

LD50 oral rat	14.13 mg/kg
LD50 dermal rabbit	> 17600 mg/kg
LC50 inhalation rat (ppm)	390 ppm/4h

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Skin corrosion/irritation	: Not classified Based on available data, the classification criteria are not met.
Serious eye damage/irritation	: Not classified Based on available data, the classification criteria are not met.
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	: May be fatal if swallowed and enters airways.

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Viscosity, kinematic	1.45 mm ² /s
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SECTION 12: Ecological information

12.1. Toxicity

Ecology - water : Harmful to aquatic life with long lasting effects.

Petroleum distillates, hydrotreated light (64742-47-8)

LC50 fishes 1	45 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
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LC50 fish 2	2.2 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
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n-Heptane (142-82-5)

LC50 fishes 1	375.0 mg/l (Exposure time: 96 h - Species: Cichlid fish)
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Ethyl acetate (141-78-6)

LC50 fishes 1	220 - 250 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
---------------	--

EC50 Daphnia 1	560 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
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LC50 fish 2	484 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through])
-------------	--

n-Butyl acetate (123-86-4)

LC50 fishes 1	100 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
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LC50 fish 2	17 - 19 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
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12.2. Persistence and degradability

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Persistence and degradability	May cause long-term adverse effects in the environment.
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12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.
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Petroleum distillates, hydrotreated light (64742-47-8)

BCF fish 1	61 - 159
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n-Heptane (142-82-5)

Log Pow	4.66
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Ethyl acetate (141-78-6)

BCF fish 1	30
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Log Pow	0.6
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n-Butyl acetate (123-86-4)

Log Pow	1.81 (at 23 °C)
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12.4. Mobility in soil

No additional information available

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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. Consult the appropriate local waste disposal expert about waste disposal. Can be incinerated according to local regulations. Dispose of waste in accordance with local regulations.

Additional information : Empty container retains product residue.

Ecology - waste materials : Avoid release to the environment. Prevent contamination of soil, drains and surface waters.

SECTION 14: Transport information

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

14.1. UN number

UN-No. (ADR) : 1993

UN-No. (IMDG) : 1993

UN-No.(IATA) : 1993

14.2. UN proper shipping name

Proper Shipping Name (ADR) : FLAMMABLE LIQUID, N.O.S. (Petroleum distillates, hydrotreated light)

Proper Shipping Name (IMDG) : FLAMMABLE LIQUID, N.O.S. (Petroleum distillates, hydrotreated light)

Proper Shipping Name (IATA) : FLAMMABLE LIQUID, N.O.S. (Petroleum distillates, hydrotreated light)

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : 3

Hazard labels (ADR) : 3



IMDG

Transport hazard class(es) (IMDG) : 3

Danger labels (IMDG) : 3



IATA

Transport hazard class(es) (IATA) : 3

Hazard labels (IATA) : 3



14.4. Packing group

Packing group (ADR) : III

Packing group (IMDG) : III

Packing group (IATA) : III

14.5. Environmental hazards

Dangerous for the environment : No

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Marine pollutant : No
Other information : No supplementary information available

14.6. Special precautions for user

14.6.1. Overland transport

Classification code (ADR) : F1
Special provisions (ADR) : 274, 601, 640E
Limited quantities (ADR) : 5L
Excepted quantities (ADR) : E1
Packing instructions (ADR) : P001, IBC03, LP01, R001
Mixed packing provisions (ADR) : MP19
Portable tank and bulk container instructions (ADR) : T4
Portable tank and bulk container special provisions (ADR) : TP1, TP29
Tank code (ADR) : LGBF
Vehicle for tank carriage : FL
Transport category (ADR) : 3
Special provisions for carriage - Packages (ADR) : V12
Special provisions for carriage - Operation (ADR) : S2
Hazard identification number (Kemler No.) : 30
Orange plates : 
Tunnel restriction code (ADR) : D/E
EAC code : •3YE

14.6.2. Transport by sea

Special provisions (IMDG) : 223, 274, 955
Limited quantities (IMDG) : 5 L
Excepted quantities (IMDG) : E1
Packing instructions (IMDG) : P001, LP01
IBC packing instructions (IMDG) : IBC03
Tank instructions (IMDG) : T4
Tank special provisions (IMDG) : TP1, TP29
Stowage category (IMDG) : A
MFAG-No : 127;128

14.6.3. Air transport

PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y344
PCA limited quantity max net quantity (IATA) : 10L
PCA packing instructions (IATA) : 355
PCA max net quantity (IATA) : 60L
CAO packing instructions (IATA) : 366
CAO max net quantity (IATA) : 220L
Special provisions (IATA) : A3
ERG code (IATA) : 3L

14.6.4. Inland waterway transport

Not subject to ADN : No

14.6.5. Rail transport

Classification code (RID) : 5F
Carriage prohibited (RID) : No

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

Not applicable

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according to Regulation (EC) No. 453/2010

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	Pro-Textile
28. Substances which appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 classified as Carcinogen category 1A or 1B (Table 3.1) or Carcinogen category 1 or 2 (Table 3.2) and listed as follows: Carcinogen category 1A (Table 3.1)/Carcinogen category 1 (Table 3.2) listed in Appendix 1 Carcinogen category 1B (Table 3.1)/Carcinogen category 2 (Table 3.2) listed in Appendix 2	Stoddard solvent
29. Substances which appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 classified as Germ cell Mutagen category 1A or 1B (Table 3.1) or Mutagen category 1 or 2 (Table 3.2) and listed as follows: Mutagen category 1A (Table 3.1)/Mutagen category 1 (Table 3.2) listed in Appendix 3 Mutagen category 1B (Table 3.1)/Mutagen category 2 (Table 3.2) listed in Appendix 4	Stoddard solvent
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.	Petroleum distillates, hydrotreated light

Contains no substance on the REACH candidate list

VOC content : 99% 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:

Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 1B	Carcinogenicity, Category 1B
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids Category 2
Flam. Liq. 3	Flammable liquids Category 3
Muta. 1B	Flammable liquids Category 1 flammable liquids Category 3
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
H340	May cause genetic defects
H350	May cause cancer
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects
R10	Flammable
R11	Highly flammable
R36	Irritating to eyes

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R38	Irritating to skin
R45	May cause cancer
R46	May cause heritable genetic damage
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R65	Harmful: may cause lung damage if swallowed
R66	Repeated exposure may cause skin dryness or cracking
R67	Vapours may cause drowsiness and dizziness
F	Highly flammable
N	Dangerous for the environment
Xi	Irritant
Xn	Harmful

SDS EU (REACH Annex II)

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