2.1 VOC Medium Universal Activator 7592

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 13/02/2015 Revision date: : Version: 1.0

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

1.1. Product identifier

Product form : Mixture

Product name : 2.1 VOC Medium Universal Activator 7592

Product group : 2K Hardener

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

Function or use category : Hardener (Crosslinker)

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

HIGH TECK PRODUCTS
PO BOX 24631
WEST PALM BEACH, FLORIDA
33416 - USA
T 877-900-8325
info@nationaloak.com

1.4. Emergency telephone number

Emergency number : (800) 424-9300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Flam. Liq. 2	H225
Acute Tox. 4 (Dermal)	H312
Acute Tox. 4 (Inhalation)	H332
Skin Irrit. 2	H315
Skin Sens. 1	H317
STOT SE 3	H335
STOT SE 3	H336

Full text of H-phrases: see section 16

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

F; R11

Xn; R20/21

Xi; R37

R43

R10

R66

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) :

GHS02 GHS07

Signal word (CLP) : Danger

Hazardous ingredients	:	2-methoxypropyl acetate, n-butyl acetate, hexamethylene-di-isocyanate, Solvent naphtha (petroleum), light arom.,, HEXAMETHYLENE DIISOCYANATE OLIGOMERS
Hazard statements (CLP)	:	H225 - Highly flammable liquid and vapour H312+H332 - Harmful in contact with skin or if inhaled H315 - Causes skin irritation H317 - May cause an allergic skin reaction H335 - May cause respiratory irritation H336 - May cause drowsiness or dizziness
Precautionary statements (CLP)	:	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking P261 - Avoid breathing spray, vapours P264 - Wash hands thoroughly after handling P280 - Wear protective clothing, protective gloves, face protection P312 - Call a doctor if you feel unwell P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation
EUH phrases	:	EUH204 - Contains isocyanates. May produce an allergic reaction

No labelling applicable

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
HEXAMETHYLENE DIISOCYANATE OLIGOMERS	(CAS No) 28182-81-2 (EC no) 500-060-2	< 43	Xn; R20 Xi; R37 R43
n-butyl acetate	(CAS No) 123-86-4 (EC no) 204-658-1 (EC index no) 607-025-00-1	< 23	R10 R66 R67
2-methoxy-1-methylethyl acetate substance with a Community workplace exposure limit	(CAS No) 108-65-6 (EC no) 203-603-9 (EC index no) 607-195-00-7	5 - 23	R10
xylene	(CAS No) 1330-20-7 (EC no) 215-535-7 (EC index no) 601-022-00-9	5 - 23	R10 Xn; R20/21 Xi; R38
ethylbenzene	(CAS No) 100-41-4 (EC no) 202-849-4 (EC index no) 601-023-00-4	5 - 23	F; R11 Xn; R20
Solvent naphtha (petroleum), light arom.,	(EC no) 918-668-5	< 5	Xi; R37 R10 Xn; R65 R66 R67 N; R51/53

Name	Product identifier	Specific concentration limits
xylene	(CAS No) 1330-20-7 (EC no) 215-535-7 (EC index no) 601-022-00-9	(C >= 12.5) Xn;R20/21

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
HEXAMETHYLENE DIISOCYANATE OLIGOMERS	(CAS No) 28182-81-2 (EC no) 500-060-2	< 43	Acute Tox. 4 (Inhalation), H332 Skin Sens. 1, H317 STOT SE 3, H335
n-butyl acetate	(CAS No) 123-86-4 (EC no) 204-658-1 (EC index no) 607-025-00-1	< 23	Flam. Liq. 3, H226 STOT SE 3, H336
2-methoxy-1-methylethyl acetate substance with a Community workplace exposure limit	(CAS No) 108-65-6 (EC no) 203-603-9 (EC index no) 607-195-00-7	5 - 23	Flam. Liq. 3, H226

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
xylene	(CAS No) 1330-20-7 (EC no) 215-535-7 (EC index no) 601-022-00-9	5 - 23	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315
ethylbenzene	(CAS No) 100-41-4 (EC no) 202-849-4 (EC index no) 601-023-00-4	5 - 23	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 STOT RE 2, H373 Asp. Tox. 1, H304
Solvent naphtha (petroleum), light arom.,	(EC no) 918-668-5	< 5	Flam. Liq. 3, H226 STOT SE 3, H336 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

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. Call a POISON CENTER or doctor/physician if you feel unwell.

First-aid measures after skin contact : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Immediately call a POISON CENTER or doctor/physician. Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention. Get medical advice/attention. If skin irritation or rash occurs: Get immediate medical advice/attention. Repeated exposure may cause skin dryness or cracking.

First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/injuries after inhalation : May cause an allergic skin reaction. May cause respiratory irritation. May cause drowsiness or dizziness.

Symptoms/injuries after skin contact : Repeated exposure to this material can result in absorption through skin causing significant health hazard. Harmful in contact with skin. Causes skin irritation.

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 : Foam. Dry powder. Carbon dioxide. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream. Water.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Highly flammable liquid and vapour.

Explosion hazard : May form flammable/explosive vapour-air mixture.

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.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.

6.1.1. For non-emergency personnel

Protective equipment : Protective clothing. Safety glasses. Gloves.

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection. Avoid breathing spray, vapours.

Emergency procedures : Ventilate area.

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

For containment : Contain leaking substance. Collect spillage.

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.

6.4. Reference to other sections

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. No open flames. No smoking. Use only non-sparking tools. Avoid breathing spray, vapours. Use only outdoors or in a well-ventilated area.

Hygiene measures : Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical, Lighting equipment equipment.

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Ignition sources, Heat sources. Keep in fireproof place. Keep container tightly closed.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.

Storage temperature : < 25 °C

Special rules on packaging : Keep only in original container.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

n-butyl acetate (123-86-4)		
Belgium	Local name	Acétate de n-butyle
Belgium	Limit value (mg/m³)	723 mg/m³
Belgium	Limit value (ppm)	150 ppm
Belgium	Short time value (mg/m³)	964 mg/m³
Belgium	Short time value (ppm)	200 ppm
Bulgaria	Local name	n-Бутилацетат
Bulgaria	OEL TWA (mg/m³)	710 mg/m³
Bulgaria	OEL STEL (mg/m³)	950 mg/m³
Croatia	Local name	n-Butil-acetat
Croatia	GVI (granična vrijednost izloženosti) (mg/m³)	724 mg/m³
Croatia	GVI (granična vrijednost izloženosti) (ppm)	150 ppm
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m³)	966 mg/m³
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	200 ppm
Czech Republic	Local name	Butylacetát
Czech Republic	Expoziční limity (PEL) (mg/m³)	950 mg/m³
Czech Republic	Expoziční limity (PEL) (ppm)	200.5 ppm
Czech Republic	Expoziční limity (NPK-P) (mg/m³)	1200 mg/m³
Czech Republic	Expoziční limity (NPK-P) (ppm)	253 ppm
Denmark	Local name	Butylacetat, alle isomere
Denmark	Grænseværdie (langvarig) (mg/m³)	710 mg/m³
Denmark	Grænseværdie (langvarig) (ppm)	150 ppm
Finland	Local name	n-Butyyliasetaatti

n-butyl acetate (123-86-4)		
Finland	HTP-arvo (8h) (mg/m³)	720 mg/m³
Finland	HTP-arvo (8h) (ppm)	150 ppm
Finland	HTP-arvo (15 min)	960 mg/m³
Finland	HTP-arvo (15 min) (ppm)	200 ppm
France	Local name	Acétate de n-butyle
France	VME (mg/m³)	710 mg/m³
France	VME (ppm)	150 ppm
France	VLE (mg/m³)	940 mg/m³
France	VLE (ppm)	200 ppm
Greece	OEL TWA (mg/m³)	710 mg/m³
Greece	OEL TWA (ppm)	150 ppm
Greece	OEL STEL (mg/m³)	950 mg/m³
Greece	OEL STEL (ppm)	200 ppm
Hungary	Local name	n-BUTIL-ACETÁT
Hungary	AK-érték	950 mg/m³
Hungary	CK-érték	950 mg/m³
Hungary	Megjegyzések (HU)	i, sz; I.
Ireland	Local name	Butyl acetate
Ireland	OEL (8 hours ref) (mg/m³)	710 mg/m³
Ireland	OEL (8 hours ref) (ppm)	150 ppm
Ireland	OEL (15 min ref) (mg/m3)	950 mg/m³
Ireland	OEL (15 min ref) (ppm)	200 ppm
Latvia	Local name	Etiķskābesbutilesteris (n-butilacetāts)
Latvia	OEL TWA (mg/m³)	200 mg/m³
Poland	Local name	Octan butylu (n-butylu octan)
Poland	NDS (mg/m³)	200 mg/m³
Poland	NDSCh (mg/m³)	950 mg/m³
Portugal	Local name	Acetato de n-butilo
Portugal	OEL TWA (ppm)	150 ppm
Portugal	OEL STEL (ppm)	200 ppm
Romania	Local name	Acetat de butil
Romania	OEL TWA (mg/m³)	715 mg/m³
Romania	OEL TWA (ppm)	150 ppm
Romania	OEL STEL (mg/m³)	950 mg/m³
Romania	OEL STEL (ppm)	200 ppm
Slovenia	Local name	n-butilacetat
Slovenia	OEL TWA (mg/m³)	480 mg/m³
Slovenia	OEL TWA (ppm)	100 ppm
Slovenia	OEL STEL (mg/m³)	480 mg/m³
Slovenia	OEL STEL (ppm)	100 ppm
Sweden	Local name	Butyl acetate n-Butyl
Sweden	nivågränsvärde (NVG) (mg/m³)	500 mg/m³
Sweden	nivågränsvärde (NVG) (ppm)	100 ppm
United Kingdom	Local name	Butyl acetate
United Kingdom	WEL TWA (mg/m³)	724 mg/m³
United Kingdom	WEL TWA (ppm)	150 ppm
United Kingdom	WEL STEL (mg/m³)	966 mg/m³
United Kingdom	WEL STEL (ppm)	200 ppm
Iceland	Local name	Bútýlasetat, allir ísómerar (ísóbútýlasetat)
Iceland	OEL (8 hours ref) (mg/m³)	700 mg/m³
Iceland	OEL (8 hours ref) (ppm)	150 ppm
Switzerland	Local name	1-Butylacétate

n-butyl acetate (123-86-4)		
Switzerland	VME (mg/m³)	480 mg/m³
Switzerland	VME (ppm)	100 ppm
Switzerland	VLE (mg/m³)	960 mg/m³
Switzerland	VLE (ppm)	200 ppm
Switzerland	Remark (CH)	4x15
Australia	Local name	n-Butyl acetate
Australia	TWA (mg/m³)	713 mg/m³
Australia	TWA (ppm)	150 ppm
Australia	STEL (mg/m³)	950 mg/m³
Australia	STEL (ppm)	200 ppm
USA - ACGIH	Local name	n-Butyl acetate
USA - ACGIH	ACGIH TWA (ppm)	150 ppm
USA - ACGIH	ACGIH STEL (ppm)	200 ppm
USA - ACGIH	Remark (ACGIH)	Eye & URT irr
USA - OSHA	Local name	n-Butyl-acetate
USA - OSHA	OSHA PEL (TWA) (mg/m³)	710 mg/m³
USA - OSHA	OSHA PEL (TWA) (ppm)	150 ppm

ethylbenzene (100-41-4)		
EU	Local name	Ethylbenzene
EU	IOELV TWA (mg/m³)	442 mg/m³
EU	IOELV TWA (ppm)	100 ppm
EU	IOELV STEL (mg/m³)	884 mg/m³
EU	IOELV STEL (ppm)	200 ppm
EU	Notes	Skin
Austria	Local name	Ethylbenzol
Austria	MAK (mg/m³)	440 mg/m³
Austria	MAK (ppm)	100 ppm
Austria	MAK Short time value (mg/m³)	880 mg/m³
Austria	MAK Short time value (ppm)	200 ppm
Austria	Remark (AT)	H
Belgium	Local name	Ethylbenzène
Belgium	Limit value (mg/m³)	442 mg/m³
Belgium	Limit value (ppm)	100 ppm
Belgium	Short time value (mg/m³)	551 mg/m³
Belgium	Short time value (ppm)	125 ppm
Belgium	Remark (BE)	D
Bulgaria	Local name	Етилбензен•
Bulgaria	OEL TWA (mg/m³)	435 mg/m³
Bulgaria	OEL STEL (mg/m³)	545 mg/m³
Croatia	Local name	Etilbenzen
Croatia	GVI (granična vrijednost izloženosti) (mg/m³)	442 mg/m³
Croatia	GVI (granična vrijednost izloženosti) (ppm)	100 ppm
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m³)	884 mg/m³
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	200 ppm
Croatia	Naznake (HR)	K EU*, F, Xn
Czech Republic	Local name	Ethylbenzen
Czech Republic	Expoziční limity (PEL) (mg/m³)	200 mg/m³
Czech Republic	Expoziční limity (PEL) (ppm)	50 ppm
Czech Republic	Expoziční limity (NPK-P) (mg/m³)	500 mg/m³
Czech Republic	Expoziční limity (NPK-P) (ppm)	120 ppm
Czech Republic	Remark (CZ)	D
Denmark	Local name	Ethylbenzen
Denmark	Grænseværdie (langvarig) (mg/m³)	217 mg/m³
Denmark	Grænseværdie (langvarig) (ppm)	50 ppm

ethylbenzene (100-41-4)		
Denmark	Anmærkninger (DK)	EK
Estonia	Local name	Etüülbenseen
Estonia	OEL TWA (mg/m³)	442 mg/m³
Estonia	OEL TWA (ppm)	100 ppm
Estonia	OEL STEL (mg/m³)	884 mg/m³
Estonia	OEL STEL (ppm)	200 ppm
Finland	Local name	Etyylibentseeni
Finland	HTP-arvo (8h) (mg/m³)	220 mg/m³
Finland	HTP-arvo (8h) (ppm)	50 ppm
Finland	HTP-arvo (15 min)	880 mg/m³
Finland	HTP-arvo (15 min) (ppm)	200 ppm
Germany	Local name	Ethylbenzol
Germany	TRGS 900 Occupational exposure limit value (mg/m³)	88 mg/m³
Germany	TRGS 900 Occupational exposure limit value (ppm)	20 ppm
Germany	Remark (TRGS 900)	EU,H,13
Greece	OEL TWA (mg/m³)	435 mg/m³
Greece	OEL TWA (ppm)	100 ppm
Greece	OEL STEL (mg/m³)	545 mg/m³
Greece	OEL STEL (ppm)	125 ppm
Hungary	Local name	ETILBENZOL
Hungary	AK-érték	442 mg/m³
Hungary	CK-érték	884 mg/m³
Hungary	Megjegyzések (HU)	b, i; I.
Ireland	Local name	Ethylbenzene
Ireland	OEL (8 hours ref) (mg/m³)	442 mg/m³
Ireland	OEL (8 hours ref) (ppm)	100 ppm
Ireland	OEL (15 min ref) (mg/m3)	884 mg/m³
Ireland	OEL (15 min ref) (ppm)	200 ppm
Ireland	Notes (IE)	Sk, IOELV
Italy	Local name	Etilbenzene
Italy	OEL TWA (mg/m³)	442 mg/m³
Italy	OEL TWA (ppm)	100 ppm
Italy	OEL STEL (mg/m³)	884 mg/m³
Italy	OEL STEL (ppm)	200 ppm
Lithuania	Local name	Etilbenzenas
Lithuania	IPRV (mg/m³)	442 mg/m³
Lithuania	IPRV (ppm)	100 ppm
Lithuania	TPRV (mg/m³)	884 mg/m³
Lithuania	TPRV (ppm)	200 ppm
Lithuania	Remark (LT)	O
Luxembourg	Local name	Ethylbenzène
Luxembourg	OEL TWA (mg/m³)	442 mg/m³
Luxembourg	OEL TWA (ppm)	100 ppm
Luxembourg	OEL STEL (mg/m³)	884 mg/m³
Luxembourg	OEL STEL (ppm)	200 ppm
Malta	Local name	Ethylbenzene
Malta	OEL TWA (mg/m³)	442 mg/m³
Malta	OEL TWA (ppm)	100 ppm
Malta	OEL STEL (mg/m³)	884 mg/m³
Malta	OEL STEL (ppm)	200 ppm

ethylbenzene (100-41-4)		
Netherlands	Local name	Ethylbenzeen
Netherlands	Grenswaarde TGG 8H (mg/m³)	215 mg/m³
Netherlands	Grenswaarde TGG 15MIN (mg/m³)	430 mg/m³
Netherlands	Remark (MAC)	H
Poland	Local name	Etylobenzen
Poland	NDS (mg/m³)	200 mg/m³
Poland	NDSCh (mg/m³)	400 mg/m³
Portugal	Local name	Etilbenzeno
Portugal	OEL TWA (ppm)	100 ppm
Portugal	OEL STEL (ppm)	125 ppm
Romania	Local name	Etilbenzen
Romania	OEL TWA (mg/m³)	442 mg/m³
Romania	OEL TWA (ppm)	100 ppm
Romania	OEL STEL (mg/m³)	884 mg/m³
Romania	OEL STEL (ppm)	200 ppm
Slovenia	Local name	etilbenzen
Slovenia	OEL TWA (mg/m³)	442 mg/m³
Slovenia	OEL TWA (ppm)	100 ppm
Slovenia	OEL STEL (mg/m³)	884 mg/m³
Slovenia	OEL STEL (ppm)	200 ppm
Sweden	Local name	Ethylbenzene
Sweden	nivågränsvärde (NVG) (mg/m³)	200 mg/m³
Sweden	nivågränsvärde (NVG) (ppm)	50 ppm
Sweden	kortidsvärde (KTV) (mg/m³)	450 mg/m³
Sweden	kortidsvärde (KTV) (ppm)	100 ppm
United Kingdom	Local name	Ethylbenzene
United Kingdom	WEL TWA (mg/m³)	441 mg/m³
United Kingdom	WEL TWA (ppm)	100 ppm
United Kingdom	WEL STEL (mg/m³)	552 mg/m³
United Kingdom	WEL STEL (ppm)	125 ppm
United Kingdom	Remark (WEL)	Sk
Iceland	Local name	Etýlbensen
Iceland	OEL (8 hours ref) (mg/m³)	200 mg/m³
Iceland	OEL (8 hours ref) (ppm)	50 ppm
Iceland	OEL (15 min ref) (mg/m3)	884 mg/m³
Iceland	OEL (15 min ref) (ppm)	200 ppm
Iceland	Notes (IS)	H
Norway	Local name	Etylbenzen
Norway	Gjennomsnittsverdier (AN) (mg/m³)	20 mg/m³
Norway	Gjennomsnittsverdier (AN) (ppm)	5 ppm
Norway	Merknader (NO)	H K
Switzerland	Local name	Ethylbenzène
Switzerland	VME (mg/m³)	435 mg/m³
Switzerland	VME (ppm)	100 ppm
Switzerland	VLE (mg/m³)	435 mg/m³
Switzerland	VLE (ppm)	100 ppm
Switzerland	Remark (CH)	15 min
Australia	Local name	Ethyl benzene
Australia	TWA (mg/m³)	434 mg/m³
Australia	TWA (ppm)	100 ppm
Australia	STEL (mg/m³)	543 mg/m³
Australia	STEL (ppm)	125 ppm
USA - ACGIH	Local name	Ethyl benzene

ethylbenzene (100-41-4)		
USA - ACGIH	ACGIH TWA (ppm)	20 ppm
USA - ACGIH	Remark (ACGIH)	URT irr; kidney dam (nephropathy)
USA - OSHA	Local name	Ethyl benzene
USA - OSHA	OSHA PEL (TWA) (mg/m³)	435 mg/m³
USA - OSHA	OSHA PEL (TWA) (ppm)	100 ppm

xylene (1330-20-7)		
EU	Local name	Xylene, mixed isomers, pure
EU	IOELV TWA (mg/m³)	221 mg/m³
EU	IOELV TWA (ppm)	50 ppm
EU	IOELV STEL (mg/m³)	442 mg/m³
EU	IOELV STEL (ppm)	100 ppm
EU	Notes	Skin
Austria	Local name	Xylol (alle Isomeren)
Austria	MAK (mg/m³)	221 mg/m³
Austria	MAK (ppm)	50 ppm
Austria	MAK Short time value (mg/m³)	442 mg/m³
Austria	MAK Short time value (ppm)	100 ppm
Austria	Remark (AT)	H
Belgium	Local name	Xylène, isomères mixtes, purs
Belgium	Limit value (mg/m³)	221 mg/m³
Belgium	Limit value (ppm)	50 ppm
Belgium	Short time value (mg/m³)	442 mg/m³
Belgium	Short time value (ppm)	100 ppm
Belgium	Remark (BE)	D
Bulgaria	Local name	Ксилен (смес от изомери),чист•
Bulgaria	OEL TWA (mg/m³)	221 mg/m³
Bulgaria	OEL STEL (mg/m³)	442 mg/m³
Croatia	Local name	Ksilen (svi izomeri)
Croatia	GVI (granična vrijednost izloženosti) (mg/m³)	221 mg/m³
Croatia	GVI (granična vrijednost izloženosti) (ppm)	50 ppm
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m³)	442 mg/m³
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	100 ppm
Croatia	Naznake (HR)	K, EU* K, Xn
Czech Republic	Local name	Xylen technická sm s isomer a (všechny isomery)
Czech Republic	Expoziční limity (PEL) (mg/m³)	200 mg/m³
Czech Republic	Expoziční limity (PEL) (ppm)	50 ppm
Czech Republic	Expoziční limity (NPK-P) (mg/m³)	400 mg/m³
Czech Republic	Expoziční limity (NPK-P) (ppm)	90 ppm
Czech Republic	Remark (CZ)	D
Denmark	Local name	Xylen, alle isomere (1996)
Denmark	Grænseværdie (langvarig) (mg/m³)	109 mg/m³
Denmark	Grænseværdie (langvarig) (ppm)	25 ppm
Denmark	Anmærkninger (DK)	EH
Estonia	Local name	Ksüleen (dimetüülbenseen)
Estonia	OEL TWA (mg/m³)	200 mg/m³
Estonia	OEL TWA (ppm)	50 ppm
Estonia	OEL STEL (mg/m³)	450 mg/m³
Estonia	OEL STEL (ppm)	100 ppm
Finland	Local name	Ksyleeni
Finland	HTP-arvo (8h) (mg/m³)	220 mg/m³
Finland	HTP-arvo (8h) (ppm)	50 ppm
Finland	HTP-arvo (15 min)	440 mg/m³

xylene (1330-20-7)		
Finland	HTP-arvo (15 min) (ppm)	100 ppm
France	Local name	Xylène, isomères mixtes, purs
France	VME (mg/m³)	221 mg/m³
France	VME (ppm)	50 ppm
France	VLE (mg/m³)	442 mg/m³
France	VLE (ppm)	100 ppm
Germany	Local name	Xylol(alleIsomeren)
Germany	TRGS 900 Occupational exposure limit value (mg/m³)	440 mg/m³
Germany	TRGS 900 Occupational exposure limit value (ppm)	100 ppm
Germany	Remark (TRGS 900)	DFG,EU,H
Greece	OEL TWA (mg/m³)	435 mg/m³
Greece	OEL TWA (ppm)	100 ppm
Greece	OEL STEL (mg/m³)	650 mg/m³
Greece	OEL STEL (ppm)	150 ppm
Hungary	Local name	XILOL(ok)
Hungary	AK-érték	221 mg/m³
Hungary	CK-érték	442 mg/m³
Hungary	Megjegyzések (HU)	b; EU1
Ireland	Local name	Xylene, mixed isomers
Ireland	OEL (8 hours ref) (mg/m³)	221 mg/m³
Ireland	OEL (8 hours ref) (ppm)	50 ppm
Ireland	OEL (15 min ref) (mg/m3)	442 mg/m³
Ireland	OEL (15 min ref) (ppm)	100 ppm
Ireland	Notes (IE)	Sk, IOELV
Italy	Local name	Xilene, isomeri misti, puro
Italy	OEL TWA (mg/m³)	221 mg/m³
Italy	OEL TWA (ppm)	50 ppm
Italy	OEL STEL (mg/m³)	442 mg/m³
Italy	OEL STEL (ppm)	100 ppm
Lithuania	Local name	Ksilenas
Lithuania	IPRV (mg/m³)	200 mg/m³
Lithuania	IPRV (ppm)	50 ppm
Lithuania	TPRV (mg/m³)	450 mg/m³
Lithuania	TPRV (ppm)	100 ppm
Lithuania	Remark (LT)	O
Luxembourg	Local name	Xylène, isomères mixtes, purs
Luxembourg	OEL TWA (mg/m³)	221 mg/m³
Luxembourg	OEL TWA (ppm)	50 ppm
Luxembourg	OEL STEL (mg/m³)	442 mg/m³
Luxembourg	OEL STEL (ppm)	100 ppm
Malta	Local name	Xylene,mixed isomers,pure
Malta	OEL TWA (mg/m³)	221 mg/m³
Malta	OEL TWA (ppm)	50 ppm
Malta	OEL STEL (mg/m³)	442 mg/m³
Malta	OEL STEL (ppm)	100 ppm
Netherlands	Local name	Xyleen, o-, m-, p-isomeren
Netherlands	Grenswaarde TGG 8H (mg/m³)	210 mg/m³
Netherlands	Grenswaarde TGG 15MIN (mg/m³)	442 mg/m³
Netherlands	Remark (MAC)	H
Poland	Local name	Ksylen mieszanina izomerów: 1,2-; 1,3-; 1,4-
Poland	NDS (mg/m³)	100 mg/m³
Portugal	Local name	Xileno (isómeros)

xylene (1330-20-7)		
Portugal	OEL TWA (ppm)	100 ppm
Portugal	OEL STEL (ppm)	150 ppm
Romania	Local name	Xilen (izomeri)
Romania	OEL TWA (mg/m³)	221 mg/m³
Romania	OEL TWA (ppm)	50 ppm
Romania	OEL STEL (mg/m³)	442 mg/m³
Romania	OEL STEL (ppm)	100 ppm
Slovenia	Local name	ksilen (mešane izomere)
Slovenia	OEL TWA (mg/m³)	221 mg/m³
Slovenia	OEL TWA (ppm)	50 ppm
Slovenia	OEL STEL (mg/m³)	442 mg/m³
Slovenia	OEL STEL (ppm)	100 ppm
Spain	Local name	Xilenos, mezcla isómeros
Spain	VLA-ED (mg/m³)	221 mg/m³
Spain	VLA-ED (ppm)	50 ppm
Spain	VLA-EC (mg/m³)	442 mg/m³
Spain	VLA-EC (ppm)	100 ppm
Spain	Notes	vía dérmica, VLB®,VLI
Sweden	Local name	Xylene
Sweden	nivågränsvärde (NVG) (mg/m³)	200 mg/m³
Sweden	nivågränsvärde (NVG) (ppm)	50 ppm
Sweden	kortidsvärde (KTV) (mg/m³)	450 mg/m³
Sweden	kortidsvärde (KTV) (ppm)	100 ppm
United Kingdom	Local name	Xylene, o-,m-,p- or mixed isomers
United Kingdom	WEL TWA (mg/m³)	220 mg/m³
United Kingdom	WEL TWA (ppm)	50 ppm
United Kingdom	WEL STEL (mg/m³)	441 mg/m³
United Kingdom	WEL STEL (ppm)	100 ppm
United Kingdom	Remark (WEL)	Sk, BMGV
Norway	Local name	Xylen (alle isomere)
Norway	Gjennomsnittsverdier (AN) (mg/m³)	108 mg/m³
Norway	Gjennomsnittsverdier (AN) (ppm)	25 ppm
Norway	Merknader (NO)	H
Switzerland	Local name	Xylène (tous les isomères)
Switzerland	VME (mg/m³)	435 mg/m³
Switzerland	VME (ppm)	100 ppm
Switzerland	VLE (mg/m³)	870 mg/m³
Switzerland	VLE (ppm)	200 ppm
Switzerland	Remark (CH)	4x15
USA - ACGIH	Local name	Xylene
USA - ACGIH	ACGIH TWA (ppm)	100 ppm
USA - ACGIH	ACGIH STEL (ppm)	150 ppm
USA - ACGIH	Remark (ACGIH)	URT & eye irr; CNS impair
USA - OSHA	Local name	Xylenes (o-, m-, p-isomers)
USA - OSHA	OSHA PEL (TWA) (mg/m³)	435 mg/m³
USA - OSHA	OSHA PEL (TWA) (ppm)	100 ppm

2-methoxy-1-methylethyl acetate (108-65-6)		
EU	Local name	2-Methoxy-1-methylethylacetate
EU	IOELV TWA (mg/m³)	275 mg/m³
EU	IOELV TWA (ppm)	50 ppm
EU	IOELV STEL (mg/m³)	550 mg/m³
EU	IOELV STEL (ppm)	100 ppm
EU	Notes	Skin
Austria	Local name	1-Methoxypropylacetat-2
Austria	MAK (mg/m³)	275 mg/m³

2-methoxy-1-methylethyl acetate (108-65-6)		
Austria	MAK (ppm)	50 ppm
Austria	MAK Short time value (mg/m³)	550 mg/m³
Austria	MAK Short time value (ppm)	100 ppm
Austria	Remark (AT)	H
Belgium	Local name	Acétate de 2-(1-méthoxy)propyle
Belgium	Limit value (mg/m³)	275 mg/m³
Belgium	Limit value (ppm)	50 ppm
Belgium	Short time value (mg/m³)	550 mg/m³
Belgium	Short time value (ppm)	100 ppm
Belgium	Remark (BE)	D
Bulgaria	Local name	2-Метокси-1-метилетилацетат•
Bulgaria	OEL TWA (mg/m³)	275 mg/m³
Bulgaria	OEL STEL (mg/m³)	550 mg/m³
Croatia	Local name	2-Metoksi-1-metil-etil-acetat
Croatia	GVI (granična vrijednost izloženosti) (mg/m³)	275 mg/m³
Croatia	GVI (granična vrijednost izloženosti) (ppm)	50 ppm
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m³)	550 mg/m³
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	100 ppm
Croatia	Naznake (HR)	K, EU* Xi
Czech Republic	Local name	2-Methoxy-1-methylethylacetát
Czech Republic	Expoziční limity (PEL) (mg/m³)	270 mg/m³
Czech Republic	Expoziční limity (PEL) (ppm)	50 ppm
Czech Republic	Expoziční limity (NPK-P) (mg/m³)	550 mg/m³
Czech Republic	Expoziční limity (NPK-P) (ppm)	101.8 ppm
Czech Republic	Remark (CZ)	D
Denmark	Local name	2-Methoxy-1-methylethylacetat (2002)
Denmark	Grænseværdie (langvarig) (mg/m³)	275 mg/m³
Denmark	Grænseværdie (langvarig) (ppm)	50 ppm
Denmark	Anmærkninger (DK)	EH
Estonia	Local name	Propüleenglükool-monometüüleeter-atsetaat (o-atsüül-o-metüülpropüleen-glükool, metoksüpropüülatsetaat)
Estonia	OEL TWA (mg/m³)	275 mg/m³
Estonia	OEL TWA (ppm)	50 ppm
Estonia	OEL STEL (mg/m³)	550 mg/m³
Estonia	OEL STEL (ppm)	100 ppm
Finland	Local name	2-Metoksi-1- metyylietyyliasetaatti
Finland	HTP-arvo (8h) (mg/m³)	270 mg/m³
Finland	HTP-arvo (8h) (ppm)	50 ppm
Finland	HTP-arvo (15 min)	550 mg/m³
Finland	HTP-arvo (15 min) (ppm)	100 ppm
France	Local name	Acétate de 2-méthoxy-1-méthyléthyle
France	VME (mg/m³)	275 mg/m³
France	VME (ppm)	50 ppm
France	VLE (mg/m³)	550 mg/m³
France	VLE (ppm)	100 ppm
Germany	Local name	2-Methoxy-1-methylethylacetat
Germany	TRGS 900 Occupational exposure limit value (mg/m³)	270 mg/m³
Germany	TRGS 900 Occupational exposure limit value (ppm)	50 ppm
Germany	Remark (TRGS 900)	DFG,EU,Y
Greece	OEL TWA (mg/m³)	275 mg/m³
Greece	OEL TWA (ppm)	50 ppm
Greece	OEL STEL (mg/m³)	550 mg/m³

2-methoxy-1-methylethyl acetate (108-65-6)		
Greece	OEL STEL (ppm)	100 ppm
Hungary	Local name	1-METOXI-2-PROPIL-ACETÁT
Hungary	AK-érték	275 mg/m³
Hungary	CK-érték	550 mg/m³
Hungary	Megjegyzések (HU)	EU1
Ireland	Local name	2-Methoxy-1-methylethylacetate
Ireland	OEL (8 hours ref) (mg/m³)	275 mg/m³
Ireland	OEL (8 hours ref) (ppm)	50 ppm
Ireland	OEL (15 min ref) (mg/m3)	550 mg/m³
Ireland	OEL (15 min ref) (ppm)	100 ppm
Ireland	Notes (IE)	Sk, IOELV
Italy	Local name	2-Metossi-1-metiletilacetato
Italy	OEL TWA (mg/m³)	275 mg/m³
Italy	OEL TWA (ppm)	50 ppm
Italy	OEL STEL (mg/m³)	550 mg/m³
Italy	OEL STEL (ppm)	100 ppm
Lithuania	Local name	1-metoksi-2-propilacetatas (propilenglikolio monometilo eterio acetatas, PGMEA)
Lithuania	IPRV (mg/m³)	250 mg/m³
Lithuania	IPRV (ppm)	50 ppm
Lithuania	TPRV (mg/m³)	400 mg/m³
Lithuania	TPRV (ppm)	75 ppm
Lithuania	Remark (LT)	O
Luxembourg	Local name	Acétate de 2-méthoxy-1-méthyléthyle
Luxembourg	OEL TWA (mg/m³)	275 mg/m³
Luxembourg	OEL TWA (ppm)	50 ppm
Luxembourg	OEL STEL (mg/m³)	550 mg/m³
Luxembourg	OEL STEL (ppm)	100 ppm
Malta	Local name	2-Methoxy-1-methylethylacetate
Malta	OEL TWA (mg/m³)	275 mg/m³
Malta	OEL TWA (ppm)	50 ppm
Malta	OEL STEL (mg/m³)	550 mg/m³
Malta	OEL STEL (ppm)	100 ppm
Netherlands	Local name	1-Methoxy-2-propylacetaat
Netherlands	Grenswaarde TGG 8H (mg/m³)	550 mg/m³
Poland	Local name	Octan 2-metoksy-1-metyloetylu
Poland	NDS (mg/m³)	260 mg/m³
Poland	NDSCh (mg/m³)	520 mg/m³
Romania	Local name	Acetat de 2-metoxi-1 metiletil
Romania	OEL TWA (mg/m³)	275 mg/m³
Romania	OEL TWA (ppm)	50 ppm
Romania	OEL STEL (mg/m³)	550 mg/m³
Romania	OEL STEL (ppm)	100 ppm
Slovenia	Local name	2-metoksi-1-metiletilacetat
Slovenia	OEL TWA (mg/m³)	275 mg/m³
Slovenia	OEL TWA (ppm)	50 ppm
Slovenia	OEL STEL (mg/m³)	550 mg/m³
Slovenia	OEL STEL (ppm)	100 ppm
Sweden	Local name	1-Methoxy-2-propyl acetate
Sweden	nivågränsvärde (NVG) (mg/m³)	250 mg/m³

2-methoxy-1-methylethyl acetate (108-65-6)		
Sweden	nivågränsvärde (NVG) (ppm)	50 ppm
Sweden	kortidsvärde (KTV) (mg/m³)	400 mg/m³
Sweden	kortidsvärde (KTV) (ppm)	75 ppm
United Kingdom	Local name	1-Methoxypropyl acetate
United Kingdom	WEL TWA (mg/m³)	274 mg/m³
United Kingdom	WEL TWA (ppm)	50 ppm
United Kingdom	WEL STEL (mg/m³)	548 mg/m³
United Kingdom	WEL STEL (ppm)	100 ppm
United Kingdom	Remark (WEL)	Sk
Iceland	Local name	2-Metoxý-1-metýletýlasetat
Iceland	OEL (8 hours ref) (mg/m³)	275 mg/m³
Iceland	OEL (8 hours ref) (ppm)	50 ppm
Iceland	OEL (15 min ref) (mg/m3)	550 mg/m³
Iceland	OEL (15 min ref) (ppm)	100 ppm
Iceland	Notes (IS)	H
Norway	Local name	1-Metoksy-2-propylacetat .
Norway	Gjennomsnittsverdier (AN) (mg/m³)	270 mg/m³
Norway	Gjennomsnittsverdier (AN) (ppm)	50 ppm
Norway	Merknader (NO)	H
Switzerland	Local name	1-Méthoxypropylacétate-2
Switzerland	VME (mg/m³)	275 mg/m³
Switzerland	VME (ppm)	50 ppm
Switzerland	VLE (mg/m³)	275 mg/m³
Switzerland	VLE (ppm)	50 ppm
Switzerland	Remark (CH)	15 min
Australia	Local name	1-Methoxy-2-propanol acetate
Australia	TWA (mg/m³)	274 mg/m³
Australia	TWA (ppm)	50 ppm
Australia	STEL (mg/m³)	548 mg/m³
Australia	STEL (ppm)	100 ppm

8.2. Exposure controls

Personal protective equipment : Avoid all unnecessary exposure.

Materials for protective clothing : Impermeable clothing

Hand protection : Wear protective gloves

Eye protection : Chemical goggles or safety glasses

Skin and body protection : Wear suitable protective clothing

Respiratory protection : Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. Air-fed respiratory protective equipment should be worn when this product is sprayed

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

Appearance : Liquid.

Colour : Colourless.

Odour : aromatic.

Odour threshold : No data available

pH : No data available

Relative evaporation rate (butylacetate=1) : No data available

Melting point : No data available

Freezing point : No data available

Boiling point : > 35 °C

Flash point	:	30 °C
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	Highly flammable liquid and vapour
Vapour pressure	:	No data available
Relative vapour density at 20 °C	:	No data available
Relative density	:	No data available
Density	:	0.98 - 1 g/cm³
Solubility	:	insoluble in water. soluble in most organic solvents.
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	:	634 g/l
VOC content - Actual	:	634 g/l
VOC content - Regulatory	:	634 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Highly flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Open flame.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Dermal: Harmful in contact with skin. Inhalation: Harmful if inhaled.

ATE CLP (dermal)	1100 mg/kg bodyweight
ATE CLP (gases)	4500 ppmv/4h
ATE CLP (vapours)	11.000 mg/l/4h
ATE CLP (dust,mist)	1.500 mg/l/4h

Skin corrosion/irritation	:	Causes skin irritation. Repeated exposure may cause skin dryness or cracking
Serious eye damage/irritation	:	Not classified Based on available data, the classification criteria are not met
Respiratory or skin sensitisation	:	May cause an allergic skin reaction.
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)	:	May cause respiratory irritation. May cause drowsiness or dizziness.
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	:	Harmful in contact with skin.

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

2.1 VOC Medium Universal Activator 7592	
Persistence and degradability	Not established.

Solvent naphtha (petroleum), light arom.,	
Persistence and degradability	May cause long-term adverse effects in the environment.

12.3. Bioaccumulative potential

2.1 VOC Medium Universal Activator 7592	
Bioaccumulative potential	Not established.

Solvent naphtha (petroleum), light arom.,	
Bioaccumulative potential	Not established.

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

Additional information : Avoid release to the environment

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	:	Disposal must be done according to official regulations.
Waste disposal recommendations	:	Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to Remove waste in accordance with local and/or national regulations.
Additional information	:	Handle empty containers with care because residual vapours are flammable.
Ecology - waste materials	:	Avoid release to the environment.

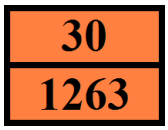
SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
1263	1263	1263	1263	1263
14.2. UN proper shipping name				
PAINT RELATED MATERIAL	PAINT RELATED MATERIAL	Paint	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL
Transport document description				
UN 1263 PAINT RELATED MATERIAL, 3, III, (D/E)	UN 1263 PAINT RELATED MATERIAL, 3, III			
14.3. Transport hazard class(es)				
3	3	3	3	3
				
14.4. Packing group				
III	III	III	III	III
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No

14.6. Special precautions for user

14.6.1. Overland transport

Classification code (ADR)	:	F1
Special provisions (ADR)	:	163, 640E, 650
Limited quantities (ADR)	:	5l
Excepted quantities (ADR)	:	E1
Packing instructions (ADR)	:	P001, IBC03, LP01, R001
Special packing provisions (ADR)	:	PP1
Mixed packing provisions (ADR)	:	MP19
Portable tank and bulk container instructions (ADR)	:	T2
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)	:	163, 223, 955
Limited quantities (IMDG)	:	5 L
Excepted quantities (IMDG)	:	E1
Packing instructions (IMDG)	:	P001, LP01
Special packing provisions (IMDG)	:	PP1
IBC packing instructions (IMDG)	:	IBC03
Tank instructions (IMDG)	:	T2
Tank special provisions (IMDG)	:	TP1, TP29
EmS-No. (Fire)	:	F-E
EmS-No. (Spillage)	:	S-E
Stowage category (IMDG)	:	A
Properties and observations (IMDG)	:	Miscibility with water depends upon the composition.

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, A72
ERG code (IATA)	:	3L

14.6.4. Inland waterway transport

Classification code (ADN)	:	F1
Special provisions (ADN)	:	163, 64E, 65
Limited quantities (ADN)	:	5 L
Excepted quantities (ADN)	:	E1
Equipment required (ADN)	:	PP, EX, A

Ventilation (ADN)	:	VE01
Number of blue cones/lights (ADN)	:	0
Carriage prohibited (ADN)	:	No
Not subject to ADN	:	No

14.6.5. Rail transport

Classification code (RID)	:	F1
Special provisions (RID)	:	163, 640E, 650
Limited quantities (RID)	:	5L
Excepted quantities (RID)	:	E1
Packing instructions (RID)	:	P001, IBC03, LP01, R001
Special packing provisions (RID)	:	PP1
Mixed packing provisions (RID)	:	MP19
Portable tank and bulk container instructions (RID)	:	T2
Portable tank and bulk container special provisions (RID)	:	TP1, TP29
Tank codes for RID tanks (RID)	:	LGBF
Transport category (RID)	:	3
Special provisions for carriage – Packages (RID)	:	W12
Colis express (express parcels) (RID)	:	CE4
Hazard identification number (RID)	:	30
Carriage prohibited (RID)	:	No

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

Contains no substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC content	:	634 g/l
Seveso Information	:	This product is subject to the Seveso Directive

15.1.2. National regulations

Germany

Water hazard class (WGK)	:	3 - severe hazard to waters

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Data sources	:	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.
Other information	:	None.

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

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1

Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Sensitisation — Skin, category 1
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H332	Harmful if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H373	May cause damage to organs through prolonged or repeated exposure
H411	Toxic to aquatic life with long lasting effects
EUH204	Contains isocyanates. May produce an allergic reaction
R10	Flammable
R11	Highly flammable
R20	Harmful by inhalation
R20/21	Harmful by inhalation and in contact with skin
R37	Irritating to respiratory system
R38	Irritating to skin
R43	May cause sensitisation by skin contact
R51/53	Toxic 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

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.