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Safety data sheet
According to 1907/2006/EC (REACH), 2015/830/EU

C2007 UHS 2:1**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

- 1.1 Product identifier:** C2007 UHS 2:1
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
Relevant uses: Car repair. For professional user only.
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Details of the supplier of the safety data sheet:**
- | | |
|---|---|
| Troton Sp. z o.o.
Zabrowo 14A
78-120 Goscinno - Zachodniopomorskie - Polska
Phone.: +48 94 35 123 94 -
Fax: +48 94 35 126 22
troton@troton.com.pl
www.troton.pl | NZ Distributor:
Wyatt Machine Tools (Rupes) NZ Ltd
388 Church St, Penrose, AKL,1061
P: (09)525-1000 F:(09)525-1009
NZ Emergency: 0800 992 881
0800WYATT1 |
|---|---|
- 1.4 Emergency telephone number:** (czynny od 8:00-16:00)+48 094 35 123 94; 112

SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture:**
- CLP Regulation (EC) n° 1272/2008:**
Classification of this product has been carried out in accordance with CLP Regulation (EC) n° 1272/2008.
Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard, Category 3, H412
Eye Irrit. 2: Eye irritation, Category 2, H319
Flam. Liq. 3: Flammable liquids, Category 3, H226
Skin Irrit. 2: Skin irritation, Category 2, H315
STOT RE 2: Specific target organ toxicity if swallowed, repeated exposure, Category 2, H373
- 2.2 Label elements:**
- CLP Regulation (EC) n° 1272/2008:**
Warning
- 
- Hazard statements:**
Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects
Eye Irrit. 2: H319 - Causes serious eye irritation
Flam. Liq. 3: H226 - Flammable liquid and vapour
Skin Irrit. 2: H315 - Causes skin irritation
STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure (Oral)
- Precautionary statements:**
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P264: Wash thoroughly after handling
P280: Wear protective gloves/protective clothing/eye protection/face protection
P302+P352: IF ON SKIN: Wash with plenty of water
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P403+P235: Store in a well-ventilated place. Keep cool
P501: Dispose of contents and / or containers in accordance with regulations on hazardous waste or packaging and packaging waste respectively
- Supplementary information:**
EUH066: Repeated exposure may cause skin dryness or cracking
EUH208: Contains Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate, Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate. May produce an allergic reaction
- Substances that contribute to the classification**
Xylene (mixture of isomers)
- 2.3 Other hazards:**
Non-applicable

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS
3.1 Substance:

Non-applicable

3.2 Mixture:
Chemical description: Mixture composed of chemical products

Components:

In accordance with Annex II of Regulation (EC) n°1907/2006 (point 3), the product contains:

Identification	Chemical name/Classification	Concentration
CAS: 123-86-4 EC: 204-658-1 Index: 607-025-00-1 REACH:01-2119485493-29-XXXX	Butyl Acetate Regulation 1272/2008: Flam. Liq. 3: H226; STOT SE 3: H336; EUH066 - Warning ATP CLP00	10 - <25 %
CAS: 1330-20-7 EC: 215-535-7 Index: 601-022-00-9 REACH:01-2119488216-32-XXXX	Xylene (mixture of isomers) Regulation 1272/2008: Acute Tox. 4: H312+H332; Asp. Tox. 1: H304; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H335 - Danger Self-classified	10 - <25 %
CAS: 110-43-0 EC: 203-767-1 Index: 606-024-00-3 REACH:01-2119902391-49-XXXX	Heptan-2-one Regulation 1272/2008: Acute Tox. 4: H302+H332; Flam. Liq. 3: H226 - Warning ATP CLP00	5 - <10 %
CAS: 108-65-6 EC: 203-603-9 Index: 607-195-00-7 REACH:01-2119475791-29-XXXX	2-methoxy-1-methylethyl acetate Regulation 1272/2008: Flam. Liq. 3: H226 - Warning ATP ATP01	5 - <10 %
CAS: 108-10-1 EC: 203-550-1 Index: 606-004-00-4 REACH:01-2119473980-30-XXXX	4-methylpentan-2-one Regulation 1272/2008: Acute Tox. 4: H332; Eye Irrit. 2: H319; Flam. Liq. 2: H225; STOT SE 3: H335; EUH066 - Danger ATP CLP00	2,5 - <5 %
CAS: 67-64-1 EC: 200-662-2 Index: 606-001-00-8 REACH:01-2119471330-49-XXXX	Acetone Regulation 1272/2008: Eye Irrit. 2: H319; Flam. Liq. 2: H225; STOT SE 3: H336; EUH066 - Danger ATP CLP00	<1 %
CAS: 41556-26-7 EC: 255-437-1 Index: Non-applicable REACH:Non-applicable	Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate Regulation 1272/2008: Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Skin Sens. 1: H317 - Warning Self-classified	<1 %
CAS: 82919-37-7 EC: 280-060-4 Index: Non-applicable REACH:Non-applicable	Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate Regulation 1272/2008: Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Skin Sens. 1: H317 - Warning Self-classified	<1 %

To obtain more information on the risk of the substances consult sections 8, 11, 12, 15 and 16.

SECTION 4: FIRST AID MEASURES
4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

This product is not classified as hazardous through inhalation, however, it is recommended in case of intoxication symptoms to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

By skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

By ingestion/aspiration:

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SECTION 4: FIRST AID MEASURES (continued)

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

Non-applicable

SECTION 5: FIREFIGHTING MEASURES
5.1 Extinguishing media:

If possible use polyvalent powder fire extinguishers (ABC powder), alternatively use foam or carbon dioxide extinguishers (CO₂). IT IS RECOMMENDED NOT to use tap water as an extinguishing agent.

5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and individual respiratory equipment. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES
6.1 Personal precautions, protective equipment and emergency procedures:

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inertization agent. Destroy any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

6.2 Environmental precautions:

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

6.3 Methods and material for containment and cleaning up:

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE
7.1 Precautions for safe handling:

A.- Precautions for safe manipulation

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

B.- Technical recommendations for the prevention of fires and explosions

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SECTION 7: HANDLING AND STORAGE (continued)

Transfer in well ventilated areas, preferably through localized extraction. Fully control sources of ignition (mobile phones, sparks,...) and ventilate during cleaning operations. Avoid the existence of dangerous atmospheres inside containers, applying inertization systems where possible. Transfer at a slow speed to avoid the creation of electrostatic charges. Against the possibility of electrostatic charges: ensure a perfect equipotential connection, always use groundings, do not wear work clothes made of acrylic fibres, preferably wearing cotton clothing and conductive footwear. Comply with the essential security requirements for equipment and systems defined in Directive 94/9/EC (ATEX 100) and with the minimum requirements for protecting the security and health of workers under the selection criteria of Directive 1999/92/EC (ATEX 137). Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations to prevent ergonomic and toxicological risks

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

Due to the danger of this product for the environment it is recommended to use it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in close proximity.

7.2 Conditions for safe storage, including any incompatibilities:

A.- Technical measures for storage

- Minimum Temp.: 5 °C
- Maximum Temp.: 35 °C
- Maximum time: 12 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the work environment

Identification	Environmental limits	
	IOELV (8h)	IOELV (STEL)
Acetone CAS: 67-64-1 EC: 200-662-2	500 ppm	1210 mg/m ³
Heptan-2-one CAS: 110-43-0 EC: 203-767-1	50 ppm	238 mg/m ³
2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9	100 ppm	475 mg/m ³
4-methylpentan-2-one CAS: 108-10-1 EC: 203-550-1	50 ppm	275 mg/m ³
Xylene (mixture of isomers) CAS: 1330-20-7 EC: 215-535-7	100 ppm	550 mg/m ³
	20 ppm	83 mg/m ³
	50 ppm	208 mg/m ³
	50 ppm	221 mg/m ³
	100 ppm	442 mg/m ³
	2015	

DNEL (Workers):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Butyl Acetate CAS: 123-86-4 EC: 204-658-1	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Inhalation	960 mg/m ³	960 mg/m ³	480 mg/m ³	480 mg/m ³
Xylene (mixture of isomers) CAS: 1330-20-7 EC: 215-535-7	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	180 mg/kg	Non-applicable
	Inhalation	289 mg/m ³	289 mg/m ³	77 mg/m ³	Non-applicable

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Heptan-2-one CAS: 110-43-0 EC: 203-767-1	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	54,27 mg/kg	Non-applicable
	Inhalation	1516 mg/m ³	Non-applicable	394,25 mg/m ³	Non-applicable
2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	153,5 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	275 mg/m ³	Non-applicable
4-methylpentan-2-one CAS: 108-10-1 EC: 203-550-1	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	11,8 mg/kg	Non-applicable
	Inhalation	208 mg/m ³	208 mg/m ³	83 mg/m ³	83 mg/m ³
Acetone CAS: 67-64-1 EC: 200-662-2	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	186 mg/kg	Non-applicable
	Inhalation	Non-applicable	2420 mg/m ³	1210 mg/m ³	Non-applicable
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate CAS: 41556-26-7 EC: 255-437-1	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	2,5 mg/kg	Non-applicable	2,5 mg/kg	Non-applicable
	Inhalation	2,35 mg/m ³	2,35 mg/m ³	2,35 mg/m ³	Non-applicable
Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate CAS: 82919-37-7 EC: 280-060-4	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	2,5 mg/kg	Non-applicable	2,5 mg/kg	Non-applicable
	Inhalation	2,35 mg/m ³	2,35 mg/m ³	2,35 mg/m ³	Non-applicable

DNEL (General population):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Butyl Acetate CAS: 123-86-4 EC: 204-658-1	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Inhalation	859,7 mg/m ³	859,7 mg/m ³	102,34 mg/m ³	102,34 mg/m ³
Xylene (mixture of isomers) CAS: 1330-20-7 EC: 215-535-7	Oral	Non-applicable	Non-applicable	1,6 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	108 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	14,8 mg/m ³	Non-applicable
Heptan-2-one CAS: 110-43-0 EC: 203-767-1	Oral	Non-applicable	Non-applicable	23,32 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	23,32 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	84,31 mg/m ³	Non-applicable
2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9	Oral	Non-applicable	Non-applicable	1,67 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	54,8 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	33 mg/m ³	Non-applicable
4-methylpentan-2-one CAS: 108-10-1 EC: 203-550-1	Oral	Non-applicable	Non-applicable	4,2 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	4,2 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	14,7 mg/m ³	Non-applicable
Acetone CAS: 67-64-1 EC: 200-662-2	Oral	Non-applicable	Non-applicable	62 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	62 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	200 mg/m ³	Non-applicable
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate CAS: 41556-26-7 EC: 255-437-1	Oral	1,25 mg/kg	Non-applicable	1,25 mg/kg	Non-applicable
	Dermal	1,25 mg/kg	Non-applicable	1,25 mg/kg	Non-applicable
	Inhalation	0,58 mg/m ³	0,58 mg/m ³	0,58 mg/m ³	Non-applicable
Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate CAS: 82919-37-7 EC: 280-060-4	Oral	1,25 mg/kg	Non-applicable	1,25 mg/kg	Non-applicable
	Dermal	1,25 mg/kg	Non-applicable	1,25 mg/kg	Non-applicable
	Inhalation	0,58 mg/m ³	0,58 mg/m ³	0,58 mg/m ³	Non-applicable

PNEC:

Identification			
Butyl Acetate CAS: 123-86-4 EC: 204-658-1	STP	35,6 mg/L	Fresh water
	Soil	0,0903 mg/kg	Marine water
	Intermittent	0,36 mg/L	Sediment (Fresh water)
	Oral	Non-applicable	Sediment (Marine water)
			0,18 mg/L
			0,018 mg/L
			0,981 mg/kg
			0,0981 mg/kg

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification				
Xylene (mixture of isomers) CAS: 1330-20-7 EC: 215-535-7	STP	6,58 mg/L	Fresh water	0,327 mg/L
	Soil	2,31 mg/kg	Marine water	0,327 mg/L
	Intermittent	0,327 mg/L	Sediment (Fresh water)	12,46 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	12,46 mg/kg
Heptan-2-one CAS: 110-43-0 EC: 203-767-1	STP	12,5 mg/L	Fresh water	0,0982 mg/L
	Soil	0,321 mg/kg	Marine water	0,00982 mg/L
	Intermittent	0,982 mg/L	Sediment (Fresh water)	1,89 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,189 mg/kg
2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9	STP	100 mg/L	Fresh water	0,635 mg/L
	Soil	0,29 mg/kg	Marine water	0,0635 mg/L
	Intermittent	6,35 mg/L	Sediment (Fresh water)	3,29 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,329 mg/kg
4-methylpentan-2-one CAS: 108-10-1 EC: 203-550-1	STP	27,5 mg/L	Fresh water	0,6 mg/L
	Soil	1,3 mg/kg	Marine water	0,06 mg/L
	Intermittent	1,5 mg/L	Sediment (Fresh water)	8,27 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,83 mg/kg
Acetone CAS: 67-64-1 EC: 200-662-2	STP	100 mg/L	Fresh water	10,6 mg/L
	Soil	29,5 mg/kg	Marine water	1,06 mg/L
	Intermittent	21 mg/L	Sediment (Fresh water)	30,4 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	3,04 mg/kg
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate CAS: 41556-26-7 EC: 255-437-1	STP	1 mg/L	Fresh water	0,0022 mg/L
	Soil	0,21 mg/kg	Marine water	0,00022 mg/L
	Intermittent	0,009 mg/L	Sediment (Fresh water)	1,05 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,11 mg/kg
Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate CAS: 82919-37-7 EC: 280-060-4	STP	1 mg/L	Fresh water	0,0022 mg/L
	Soil	0,21 mg/kg	Marine water	0,00022 mg/L
	Intermittent	0,009 mg/L	Sediment (Fresh water)	1,05 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,11 mg/kg

8.2 Exposure controls:

A.- General security and hygiene measures in the work place



As a preventative measure it is recommended to use basic Personal Protection Equipment, with the corresponding <<CE marking>> in accordance with Directive 89/686/EC. For more information on Personal Protection Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1.

All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection



The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C.- Specific protection for the hands





Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory hand protection	NON-disposable chemical protective gloves		EN 374-1:2003 EN 374-3:2003/AC:2006 EN 420:2003+A1:2009	The Breakthrough Time indicated by the manufacturer must exceed the period during which the product is being used. Do not use protective creams after the product has come into contact with skin.

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application



D.- Ocular and facial protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory face protection	Face mask		EN 166:2001 EN 167:2001 EN 168:2001 EN ISO 4007:2012	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)
E.- Bodily protection

Pictogram	PPE	Labelling	CEN-Standard	Remarks
 Mandatory complete body protection	Disposable clothing for protection against chemical risks, with antistatic and fireproof properties	 CE CAT III	EN 1149-1,2,3 EN 13034:2005+A1:2009 EN ISO 13982-1:2004/A1:2010 EN ISO 6529:2001 EN ISO 6530:2005 EN ISO 13688:2013 EN 464:1994	For professional use only. Clean periodically according to the manufacturer's instructions.
 Mandatory foot protection	Safety footwear for protection against chemical risk, with antistatic and heat resistant properties	 CE CAT III	EN 13287:2008 EN ISO 20345:2011 EN 13832-1:2006	Replace boots at any sign of deterioration.

F.- Additional emergency measures

Emergency measure	Standards	Emergency measure	Standards
 Emergency shower	ANSI Z358-1 ISO 3864-1:2002	 Eyewash stations	DIN 12 899 ISO 3864-1:2002

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

V.O.C. (Supply):	47,7 % weight
V.O.C. density at 20 °C:	408 kg/m ³ (408 g/L)
Average carbon number:	6,64
Average molecular weight:	112,56 g/mol

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES
9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:

Physical state at 20 °C:	Liquid
Appearance:	Viscous
Colour:	Colourless
Odour:	Characteristic
Odour threshold:	Non-applicable *

Volatility:

Boiling point at atmospheric pressure:	128 °C
Vapour pressure at 20 °C:	1797 Pa
Vapour pressure at 50 °C:	7805 Pa (8 kPa)
Evaporation rate at 20 °C:	Non-applicable *

Product description:

Density at 20 °C:	976 kg/m ³
Relative density at 20 °C:	0,976
Dynamic viscosity at 20 °C:	Non-applicable *
Kinematic viscosity at 20 °C:	Non-applicable *

*Not relevant due to the nature of the product, not providing information property of its hazards.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Kinematic viscosity at 40 °C:	>20,5 cSt
Concentration:	Non-applicable *
pH:	Non-applicable *
Vapour density at 20 °C:	Non-applicable *
Partition coefficient n-octanol/water 20 °C:	Non-applicable *
Solubility in water at 20 °C:	Non-applicable *
Solubility properties:	Non-applicable *
Decomposition temperature:	Non-applicable *
Melting point/freezing point:	Non-applicable *
Explosive properties:	Non-applicable *
Oxidising properties:	Non-applicable *
Flammability:	
Flash Point:	27 °C
Flammability (solid, gas):	Non-applicable *
Autoignition temperature:	315 °C
Lower flammability limit:	Not available
Upper flammability limit:	Not available

9.2 Other information:

Surface tension at 20 °C:	Non-applicable *
Refraction index:	Non-applicable *

*Not relevant due to the nature of the product, not providing information property of its hazards.

SECTION 10: STABILITY AND REACTIVITY
10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

10.2 Chemical stability:

Chemically stable under the conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Risk of combustion	Avoid direct impact	Not applicable

10.5 Incompatible materials:

Acids	Water	Combustive materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct impact	Not applicable	Avoid alkalis or strong bases

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION
11.1 Information on toxicological effects:

The experimental information related to the toxicological properties of the product itself is not available

Dangerous health implications:

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

In case of exposure that is repetitive, prolonged or at concentrations higher than recommended by the occupational exposure limits, it may result in adverse effects on health depending on the means of exposure:

A.- Ingestion (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.

B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for inhalation. For more information see section 3.

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Produces skin inflammation.
- Contact with the eyes: Produces eye damage after contact.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the effects mentioned. For more information see section 3.
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous with sensitising effects. For more information see section 3.
- Cutaneous: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous with sensitising effects. For more information see section 3.

F- Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for inhalation. For more information see section 3.

G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Exposure in high concentration can cause a breakdown in the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion, and in serious cases, loss of consciousness.
- Skin: Repeated exposure may cause skin dryness or cracking

H- Aspiration hazard:

Based on available data, the classification criteria are not met, however it does contain substances classified as dangerous for this effect. For more information see section 3.

Other information:

Non-applicable

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
Butyl Acetate CAS: 123-86-4 EC: 204-658-1	LD50:oral	12789 mg/kg	Rat
	LD50:dermal	14112 mg/kg	Rabbit
	LC50:inhalation	23,4 mg/L (4 h)	Rat
Heptan-2-one CAS: 110-43-0 EC: 203-767-1	LD50:oral	500 mg/kg	Rat
	LD50:dermal	10206 mg/kg	Rabbit
	LC50:inhalation	11 mg/L (4 h)	Rat
2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9	LD50:oral	8532 mg/kg	Rat
	LD50:dermal	5100 mg/kg	Rat
	LC50:inhalation	30 mg/L (4 h)	Rat
4-methylpentan-2-one CAS: 108-10-1 EC: 203-550-1	LD50:oral	2080 mg/kg	
	LD50:dermal	>2000 mg/kg	
	LC50:inhalation	11 mg/L (4 h) (ATEI)	

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

Identification	Acute toxicity		Genus
Xylene (mixture of isomers) CAS: 1330-20-7 EC: 215-535-7	LD50 oral	2100 mg/kg	Rat
	LD50 dermal	1100 mg/kg (ATEI)	Rat
	LC50 inhalation	11 mg/L (4 h) (ATEI)	
Acetone CAS: 67-64-1 EC: 200-662-2	LD50 oral	5800 mg/kg	Rat
	LD50 dermal	7426 mg/kg	Rabbit
	LC50 inhalation	76 mg/L (4 h)	Rat
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate CAS: 41556-26-7 EC: 255-437-1	LD50 oral	2615 mg/kg	Rat
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	>20 mg/L	
Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate CAS: 82919-37-7 EC: 280-060-4	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	>5 mg/L	

SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

12.1 Toxicity:

Identification	Acute toxicity		Species	Genus
Butyl Acetate CAS: 123-86-4 EC: 204-658-1	LC50	62 mg/L (96 h)	Leuciscus idus	Fish
	EC50	73 mg/L (24 h)	Daphnia magna	Crustacean
	EC50	675 mg/L (72 h)	Scenedesmus subspicatus	Algae
Xylene (mixture of isomers) CAS: 1330-20-7 EC: 215-535-7	LC50	13.5 mg/L (96 h)	Oncorhynchus mykiss	Fish
	EC50	0.6 mg/L (96 h)	Gammarus lacustris	Crustacean
	EC50	10 mg/L (72 h)	Skeletonema costatum	Algae
Heptan-2-one CAS: 110-43-0 EC: 203-767-1	LC50	131 mg/L (96 h)	Pimephales promelas	Fish
	EC50	Non-applicable		
	EC50	Non-applicable		
2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9	LC50	161 mg/L (96 h)	Pimephales promelas	Fish
	EC50	481 mg/L (48 h)	Daphnia sp.	Crustacean
	EC50	Non-applicable		
4-methylpentan-2-one CAS: 108-10-1 EC: 203-550-1	LC50	900 mg/L (48 h)	Leuciscus idus	Fish
	EC50	862 mg/L (24 h)	Daphnia magna	Crustacean
	EC50	980 mg/L (48 h)	Scenedesmus subspicatus	Algae
Acetone CAS: 67-64-1 EC: 200-662-2	LC50	5540 mg/L (96 h)	Oncorhynchus mykiss	Fish
	EC50	23.5 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	3400 mg/L (48 h)	Chlorella pyrenoidosa	Algae
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate CAS: 41556-26-7 EC: 255-437-1	LC50	0.97 mg/L (96 h)	Lepomis macrochirus	Fish
	EC50	20 mg/L (24 h)	Daphnia magna	Crustacean
	EC50	Non-applicable		
Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate CAS: 82919-37-7 EC: 280-060-4	LC50	0.1 - 1 mg/L (96 h)		Fish
	EC50	0.1 - 1 mg/L		Crustacean
	EC50	0.1 - 1 mg/L		Algae

12.2 Persistence and degradability:

Identification	Degradability		Biodegradability	
Butyl Acetate CAS: 123-86-4 EC: 204-658-1	BOD5	Non-applicable	Concentration	Non-applicable
	COD	Non-applicable	Period	5 days
	BOD5/COD	0.79	% Biodegradable	84 %
2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9	BOD5	Non-applicable	Concentration	785 mg/L
	COD	Non-applicable	Period	8 days
	BOD5/COD	Non-applicable	% Biodegradable	100 %

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SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Degradability		Biodegradability	
	Parameter	Value	Parameter	Value
4-methylpentan-2-one CAS: 108-10-1 EC: 203-550-1	BOD5	2.06 g O2/g	Concentration	100 mg/L
	COD	2.16 g O2/g	Period	14 days
	BOD5/COD	0.95	% Biodegradable	84 %
Acetone CAS: 67-64-1 EC: 200-662-2	BOD5	Non-applicable	Concentration	100 mg/L
	COD	Non-applicable	Period	28 days
	BOD5/COD	0.96	% Biodegradable	96 %

12.3 Bioaccumulative potential:

Identification	Bioaccumulation potential	
	Parameter	Value
Butyl Acetate CAS: 123-86-4 EC: 204-658-1	BCF	4
	Pow Log	1.78
	Potential	Low
Xylene (mixture of isomers) CAS: 1330-20-7 EC: 215-535-7	BCF	9
	Pow Log	2.77
	Potential	Low
Heptan-2-one CAS: 110-43-0 EC: 203-767-1	BCF	7
	Pow Log	1.98
	Potential	Low
2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9	BCF	1
	Pow Log	0.43
	Potential	Low
4-methylpentan-2-one CAS: 108-10-1 EC: 203-550-1	BCF	2
	Pow Log	1.31
	Potential	Low
Acetone CAS: 67-64-1 EC: 200-662-2	BCF	1
	Pow Log	-0.24
	Potential	Low

12.4 Mobility in soil:

Identification	Absorption/desorption		Volatility	
	Parameter	Value	Parameter	Value
Butyl Acetate CAS: 123-86-4 EC: 204-658-1	Koc	Non-applicable	Henry	Non-applicable
	Conclusion	Non-applicable	Dry soil	Non-applicable
	Surface tension	2,478E-2 N/m (25 °C)	Moist soil	Non-applicable
Heptan-2-one CAS: 110-43-0 EC: 203-767-1	Koc	280	Henry	17,12 Pa·m ³ /mol
	Conclusion	Moderate	Dry soil	Yes
	Surface tension	2,612E-2 N/m (25 °C)	Moist soil	Yes
4-methylpentan-2-one CAS: 108-10-1 EC: 203-550-1	Koc	Non-applicable	Henry	Non-applicable
	Conclusion	Non-applicable	Dry soil	Non-applicable
	Surface tension	2,35E-2 N/m (25 °C)	Moist soil	Non-applicable
Acetone CAS: 67-64-1 EC: 200-662-2	Koc	1	Henry	2,93 Pa·m ³ /mol
	Conclusion	Very High	Dry soil	Yes
	Surface tension	2,304E-2 N/m (25 °C)	Moist soil	Yes

12.5 Results of PBT and vPvB assessment:

Non-applicable

12.6 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS
13.1 Waste treatment methods:

Code	Description	Waste class (Regulation (EU) No 1357/2014)
	It is not possible to assign a specific code, as it depends on the intended use by the user	Dangerous

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SECTION 13: DISPOSAL CONSIDERATIONS (continued)

Type of waste (Regulation (EU) No 1357/2014):

HP14 Ecotoxic, HP3 Flammable, HP4 Irritant — skin irritation and eye damage, HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity, HP6 Acute Toxicity

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. We do not recommend disposal down the drain. See paragraph 6.2.

Regulations related to waste management:

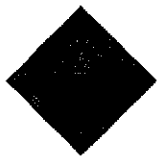
In accordance with Annex II of Regulation (EC) n°1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

SECTION 14: TRANSPORT INFORMATION

Transport of dangerous goods by land:

With regard to ADR 2015 and RID 2015:



- 14.1 UN number:** UN1263
- 14.2 UN proper shipping name:** PAINT
- 14.3 Transport hazard class(es):** 3
- Labels: 3
- 14.4 Packing group:** III
- 14.5 Dangerous for the environment:** No
- 14.6 Special precautions for user**
 - Special regulations: 163, 367, 640E, 650
 - Tunnel restriction code: D/E
 - Physico-Chemical properties: see section 9
 - Limited quantities: 5 L
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:** Non-applicable

Transport of dangerous goods by sea:

With regard to IMDG 38-16:



- 14.1 UN number:** UN1263
- 14.2 UN proper shipping name:** PAINT
- 14.3 Transport hazard class(es):** 3
- Labels: 3
- 14.4 Packing group:** III
- 14.5 Dangerous for the environment:** No
- 14.6 Special precautions for user**
 - Special regulations: 163, 223, 955
 - EmS Codes: F-E, S-E
 - Physico-Chemical properties: see section 9
 - Limited quantities: 5 L
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:** Non-applicable

Transport of dangerous goods by air:

With regard to IATA/ICAO 2017:

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SECTION 14: TRANSPORT INFORMATION (continued)



14.1 UN number:	UN1263
14.2 UN proper shipping name:	PAINT
14.3 Transport hazard class(es):	3
Labels:	3
14.4 Packing group:	III
14.5 Dangerous for the environment:	No
14.6 Special precautions for user	
Physico-Chemical properties:	see section 9
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:	Non-applicable

SECTION 15: REGULATORY INFORMATION

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

Candidate substances for authorisation under the Regulation (EC) 1907/2006 (REACH): Non-applicable
 Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable
 Regulation (EC) 1005/2009, about substances that deplete the ozone layer: Non-applicable
 Article 95, REGULATION (EU) No 528/2012: Non-applicable
 REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc):

Regulation (EU) No 98/2013 of the European Parliament and of the Council of 15 January 2013 on the marketing and use of explosives precursors: Contains Acetone. Product under the provisions of Article 9

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as data used in a risk evaluation of the local circumstances in order to establish the necessary risk prevention measures for the manipulation, use, storage and disposal of this product.

Other legislation:

The product could be affected by sectorial legislation

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) N° 1907/2006 (Regulation (EC) N° 2015/830)

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

Non-applicable

Texts of the legislative phrases mentioned in section 2:

H412: Harmful to aquatic life with long lasting effects
 H315: Causes skin irritation
 H373: May cause damage to organs through prolonged or repeated exposure (Oral)
 H226: Flammable liquid and vapour
 H319: Causes serious eye irritation

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) n° 1272/2008:

Safety data sheet

According to 1907/2006/EC (REACH), 2015/830/EU

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SECTION 16: OTHER INFORMATION (continued)

Acute Tox. 4: H302+H332 - Harmful if swallowed or if inhaled
 Acute Tox. 4: H312+H332 - Harmful in contact with skin or if inhaled
 Acute Tox. 4: H332 - Harmful if inhaled
 Aquatic Acute 1: H400 - Very toxic to aquatic life
 Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects
 Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways
 Eye Irrit. 2: H319 - Causes serious eye irritation
 Flam. Liq. 2: H225 - Highly flammable liquid and vapour
 Flam. Liq. 3: H226 - Flammable liquid and vapour
 Skin Irrit. 2: H315 - Causes skin irritation
 Skin Sens. 1: H317 - May cause an allergic skin reaction
 STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure (Oral)
 STOT SE 3: H335 - May cause respiratory irritation
 STOT SE 3: H336 - May cause drowsiness or dizziness

Classification procedure:

Aquatic Chronic 3: Calculation method
 Skin Irrit. 2: Calculation method
 STOT RE 2: Calculation method
 Flam. Liq. 3: Calculation method (2.6.4.3)
 Eye Irrit. 2: Calculation method

Advice related to training:

Minimal training is recommended to prevent industrial risks for staff using this product, in order to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

<http://esis.jrc.ec.europa.eu>
<http://echa.europa.eu>
<http://eur-lex.europa.eu>

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road
 IMDG: International maritime dangerous goods code
 IATA: International Air Transport Association
 ICAO: International Civil Aviation Organisation
 COD: Chemical Oxygen Demand
 BOD5: 5-day biochemical oxygen demand
 BCF: Bioconcentration factor
 LD50: Lethal Dose 50
 LC50: Lethal Concentration 50
 EC50: Effective concentration 50
 Log-POW: Octanol-water partition coefficient
 Koc: Partition coefficient of organic carbon

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -