

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010
Issue date: 12/09/2017 Revision date: 29/07/2021 Version: 1.1

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

Product form : Mixture
Trade name : EXTERIEUR BOIS HES DEMI BRILLANT 4
Product code : 734TV
Product group : Trade product

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

Main use category : Professional use
Industrial/Professional use spec : For professional use only
Use of the substance/mixture : Apply paint on interior woodwork / outdoor

1.2.2. Uses advised against

No additional information available

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

Ressource
Rue de Mousselière
30133 Les Angles - FRANCE
T +33(0)490254245
contact@ressource-decoration.com - www.ressource-peintures.com

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre, Wolfson Unit	Claremont Place Newcastle-upon-Tyne NE1 4LP Newcastle	0344 892 0111	

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

Flammable liquids, Category 3 H226
Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

Flammable liquid and vapour.

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

Hazard pictograms (CLP) :



GHS02

Signal word (CLP) : Warning
Hazard statements (CLP) : H226 - Flammable liquid and vapour.
Precautionary statements (CLP) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
No smoking.

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EUH-statements : EUH066 - Repeated exposure may cause skin dryness or cracking.
EUH211 - Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C9-C11, isoalkanes, cyclics, < 2% aromatics	(CAS-No.) 1174522-20-3 (EC-No.) 919-857-5 (REACH-no) 01-2119463258-33	0 – 10,8667	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304
Hydrocarbons, C9-C11, isoalkanes, cyclics, < 2% aromatics	(EC-No.) 919-857-5 (REACH-no) 01-2119463258-33	0,25 – 2,8695	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	(EC-No.) 918-481-9 (REACH-no) 01-2119457273-39	≤ 1,23118	Asp. Tox. 1, H304
Isotridecylalcohol, ethoxylated, phosphated, compd. with N,N-dimethylcyclohexanamine	(CAS-No.) 164383-18-0	1 – 5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 2, H411
2-ethylhexanoic acid, zirconium salt	(CAS-No.) 22464-99-9 (EC-No.) 245-018-1 (REACH-no) 01-2119979088-21	≤ 0,9204	Repr. 2, H361d
dipropylene glycol methyl ether substance with a Community workplace exposure limit	(CAS-No.) 34590-94-8 (EC-No.) 252-104-2 (REACH-no) 01-2119450011-60	≤ 0,12229	Not classified

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : In all cases of doubt, or when symptoms persist, seek medical attention.
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : Rinse skin with water/shower. Take off immediately all contaminated clothing.
First-aid measures after eye contact : Continue to rinse eye with clean water for 20-30 minutes, retracting eyelids often. Rinse eyes with water as a precaution.
First-aid measures after ingestion : IF SWALLOWED : Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor. Specific treatment. Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects : May cause drowsiness or dizziness.
Symptoms/effects after skin contact : Cracking of the skin. Slight irritation. Repeated exposure may cause skin dryness or cracking.
Symptoms/effects after eye contact : Eye irritation.
Symptoms/effects after ingestion : Ingestion may cause nausea and vomiting.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Flammable liquid and vapour.
Hazardous decomposition products in case of fire : Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide.

5.3. Advice for firefighters

Precautionary measures fire : Eliminate all ignition sources if safe to do so.
Firefighting instructions : Cool adjacent tanks / containers / drums with water jet. Do not enter fire area without proper protective equipment, including respiratory protection. Prevent fire fighting water from entering the environment. Fight fire from a safe distance or use hoses with support or cannon engine.
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Other information : On exposure to high temperature, may decompose, releasing toxic gases.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources. Clean up any spills as soon as possible, using an absorbent material to collect it. Avoid contact with skin and eyes.

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.
Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment. Liquid spill: take up in dry sand/earth/vermiculite. Cover spill with non combustible material, e.g.: sand, earth, vermiculite.

6.3. Methods and material for containment and cleaning up

For containment : Stop leak without risks if possible. Consult an expert on waste disposal or treatment.
Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Do not allow contact with water. Always wash hands after handling the product. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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Precautions for safe handling	: Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Ground/bond container and receiving equipment.
Storage conditions	: Store in a well-ventilated place. Keep cool. Keep container tightly closed.
Heat and ignition sources	: Keep away from open flames, hot surfaces and sources of ignition.
Information on mixed storage	: Keep out of reach of children.
Storage area	: Store in a well-ventilated place. Store away from heat.
Special rules on packaging	: Keep only in original container. Store in a closed container.
Packaging materials	: Keep only in the original container in a cool, well-ventilated place away from combustible materials.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

dipropylene glycol methyl ether (34590-94-8)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	(2-Methoxymethylethoxy)-propanol
IOEL TWA	308 mg/m ³
IOEL TWA [ppm]	50 ppm
Notes	Skin
Austria - Occupational Exposure Limits	
Local name	Dipropylenglykolmonomethylether (Isomerengemisch)
MAK (OEL TWA)	307 mg/m ³
MAK (OEL TWA) [ppm]	50 ppm
MAK (OEL STEL)	614 mg/m ³
MAK (OEL STEL) [ppm]	100 ppm
Remark (AT)	H
Belgium - Occupational Exposure Limits	
Local name	Dipropylèneglycolmonométhyléter
OEL TWA	308 mg/m ³
OEL TWA [ppm]	50 ppm
Remark (BE)	D
Bulgaria - Occupational Exposure Limits	
Local name	пропанол•
OEL TWA	308 mg/m ³
Croatia - Occupational Exposure Limits	
Local name	(2-Metoksimetiletoksi)– – propanol

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dipropylene glycol methyl ether (34590-94-8)	
GVI (OEL TWA) [1]	308 mg/m ³
GVI (OEL TWA) [2]	50 ppm
Naznake (HR)	K, EU*
Czech Republic - Occupational Exposure Limits	
Local name	propanol(2-Methoxymethylethoxy)-(technická směs isomer)
PEL (OEL TWA)	270 mg/m ³
PEL (OEL TWA) [ppm]	44,6 ppm
NPK-P (OEL C)	550 mg/m ³
NPK-P (OEL C) [ppm]	90,8 ppm
Remark (CZ)	D
Denmark - Occupational Exposure Limits	
Local name	Dipropylenglycolmethylether (1994)
OEL TWA [1]	300 mg/m ³
OEL TWA [2]	50 ppm
Anmærkninger (DK)	EH
Estonia - Occupational Exposure Limits	
Local name	Dipropüleenglükooli monometüüleeter (2-etoksümetüületoksi)-propanool
OEL TWA	308 mg/m ³
OEL TWA [ppm]	50 ppm
Finland - Occupational Exposure Limits	
Local name	(2-Metoksimetyylietoksi)- propanoli
HTP (OEL TWA) [1]	310 mg/m ³
HTP (OEL TWA) [2]	50 ppm
France - Occupational Exposure Limits	
Local name	(2-méthoxyméthylethoxy)-propanol
VME (OEL TWA)	308 mg/m ³
VME (OEL TWA) [ppm]	50 ppm
Germany - Occupational Exposure Limits (TRGS 900)	
Local name	(2-Methoxymethylethoxy)propanol(Isomerengemisch)
AGW (OEL TWA) [1]	310 mg/m ³
AGW (OEL TWA) [2]	50 ppm
Remark	DFG,EU
Greece - Occupational Exposure Limits	
OEL TWA	600 mg/m ³
OEL TWA [ppm]	100 ppm
OEL STEL	900 mg/m ³
OEL STEL [ppm]	150 ppm
Hungary - Occupational Exposure Limits	
Local name	(2-METOXIMETILETOXI)-PROPANOL (Dipropilénglikol-monometil-éter)
AK (OEL TWA)	308 mg/m ³

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CK (OEL STEL)	308 mg/m ³
Megjegyzések (HU)	EU1
Ireland - Occupational Exposure Limits	
Local name	(2-Methoxymethylethoxy)-l-propanol
OEL TWA [1]	308 mg/m ³
OEL TWA [2]	50 ppm
Notes (IE)	Sk, IOELV
Italy - Occupational Exposure Limits	
Local name	(2-Metossimetilotossi)-propanolo
OEL TWA	308 mg/m ³
OEL TWA [ppm]	50 ppm
Latvia - Occupational Exposure Limits	
Local name	Metoksiropoksi propanols (dipropilēnglikola monometilēteris, DPM)
OEL TWA	308 mg/m ³
OEL TWA [ppm]	50 ppm
Lithuania - Occupational Exposure Limits	
Local name	2-(2-metoksiropoksi)-propanolis (2-etoksimetiletoksi)-propanolis, dipropilenglikolio monometilēteris
IPRV (OEL TWA)	300 mg/m ³
IPRV (OEL TWA) [ppm]	50 ppm
TPRV (OEL STEL)	450 mg/m ³
TPRV (OEL STEL) [ppm]	75 ppm
Remark (LT)	O
Malta - Occupational Exposure Limits	
Local name	(2-Methoxymethylethoxy)-propanol
OEL TWA	308 mg/m ³
OEL TWA [ppm]	50 ppm
Netherlands - Occupational Exposure Limits	
Local name	Dipropyleenglycolmethylether
MAC-TGG (OEL TWA)	300 mg/m ³
Poland - Occupational Exposure Limits	
Local name	(2-Metoksymetyloetoksy)propanol
NDS (OEL TWA)	240 mg/m ³
NDSCh (OEL STEL)	480 mg/m ³
Portugal - Occupational Exposure Limits	
Local name	2-Metoximetiletoksiopropanol (DPGME)
OEL TWA [ppm]	100 ppm
OEL STEL [ppm]	150 ppm
Romania - Occupational Exposure Limits	
Local name	(2-metoximetiletoksi)-propanol

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OEL TWA	308 mg/m ³
OEL TWA [ppm]	50 ppm
Slovenia - Occupational Exposure Limits	
Local name	(2-metoksimetiletoksi)propanol (mešanica izomer)
OEL TWA	308 mg/m ³
OEL TWA [ppm]	50 ppm
Spain - Occupational Exposure Limits	
Local name	Éter metílico de dipropilenglicol
VLA-ED (OEL TWA) [1]	308 mg/m ³
VLA-ED (OEL TWA) [2]	50 ppm
Notes	Vía dérmica: (Indica que, en las exposiciones a esta sustancia, la aportación por la vía cutánea puede resultar significativa para el contenido corporal total si no se adoptan medidas para prevenir la absorción. En estas situaciones, es aconsejable la utilización del control biológico para poder cuantificar la cantidad global absorbida del contaminante. Para más información véase el Apartado 5 de este documento.), VLI (Agente químico para el que la U.E. estableció en su día un valor límite indicativo. Todos estos agentes químicos figuran al menos en una de las directivas de valores límite indicativos publicadas hasta ahora (ver Anexo C. Bibliografía). Los estados miembros disponen de un tiempo fijado en dichas directivas para su transposición a los valores límites de cada país miembro. Una vez adoptados, estos valores tienen la misma validez que el resto de los valores adoptados por el país.)
Sweden - Occupational Exposure Limits	
Local name	Dipropylene glycol monomethyl ether
NGV (OEL TWA)	300 mg/m ³
NGV (OEL TWA) [ppm]	50 ppm
KTV (OEL STEL)	450 mg/m ³
KTV (OEL STEL) [ppm]	75 ppm
United Kingdom - Occupational Exposure Limits	
Local name	(2-methoxymethylethoxy) propanol
WEL TWA (OEL TWA) [1]	308 mg/m ³
WEL TWA (OEL TWA) [2]	50 ppm
Remark (WEL)	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)
Norway - Occupational Exposure Limits	
Local name	(2-Metoksymetyletoksy)-propanol
Grenseverdi (OEL TWA) [1]	300 mg/m ³
Grenseverdi (OEL TWA) [2]	50 ppm
Merknader (NO)	H
Switzerland - Occupational Exposure Limits	
Local name	Oxyde de dipropylèneglycolméthyle (mélange d'isomères)
MAK (OEL TWA) [1]	300 mg/m ³
MAK (OEL TWA) [2]	50 ppm
KZGW (OEL STEL)	300 mg/m ³
KZGW (OEL STEL) [ppm]	50 ppm

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dipropylene glycol methyl ether (34590-94-8)

Remark

15 min

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

Protective clothing. Wear gas mask if conc. in air >. Safety glasses. Gloves.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety glasses

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Protective gloves

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Consumer exposure controls:

Avoid contact during pregnancy/while nursing. The substance is not classified for human health hazards or for environment effects and it is not PBT or vPvB so that no exposure assessment or risk characterisation is required. For tasks where the intervention of workers is required, the substance must be handled in accordance with good industrial hygiene and safety procedures.

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Other information:

Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: white.
Odour	: Not available
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not applicable
Explosive limits	: Not available
Lower explosive limit (LEL)	: Not available
Upper explosive limit (UEL)	: Not available
Flash point	: ≥ 48 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: > 7
Viscosity, kinematic	: Not available
Viscosity, dynamic	: 500 – 2000 cP
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50 °C	: Not available
Density	: 1,304 g/cm ³
Relative density	: Not available
Relative vapour density at 20 °C	: Not available
Particle size	: Not applicable
Particle size distribution	: Not applicable
Particle shape	: Not applicable
Particle aspect ratio	: Not applicable
Particle aggregation state	: Not applicable
Particle agglomeration state	: Not applicable
Particle specific surface area	: Not applicable
Particle dustiness	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

VOC content : < 277 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

Flammable liquid and vapour.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

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10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, nitrogen oxides (NOx).

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics

LD50 oral rat	2000 mg/kg (OECD 401 method)
LD50 dermal rabbit	3000 mg/kg (OECD 402 method)
LC50 Inhalation - Rat	5,9 mg/l/4h (OECD 403 method)

Hydrocarbons, C9-C11, isoalkanes, cyclics, < 2% aromatics (1174522-20-3)

LD50 oral rat	> 5000 mg/kg (OECD 401 method)
LD50 dermal rat	> 5000 mg/kg (OECD 402 method)

Hydrocarbons, C9-C11, isoalkanes, cyclics, < 2% aromatics

LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
LC50 Inhalation - Rat	> 5 g/m ³

2-ethylhexanoic acid, zirconium salt (22464-99-9)

LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

Isotridecylalcohol, ethoxylated, phosphated, compd. with N,N-dimethylcyclohexanamine (164383-18-0)

LD50 oral rat	> 2500 mg/kg
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Skin corrosion/irritation : Not classified
pH: > 7
Serious eye damage/irritation : Not classified
pH: > 7
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : Not classified

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Hydrocarbons, C9-C11, isoalkanes, cyclics, < 2% aromatics (1174522-20-3)

STOT-single exposure	May cause drowsiness or dizziness.
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Hydrocarbons, C9-C11, isoalkanes, cyclics, < 2% aromatics

STOT-single exposure	May cause drowsiness or dizziness.
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STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics

LC50 - Fish [1]	2200 mg/l Pimephales promelas (96h)
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EC50 - Crustacea [1]	2,6 mg/l Chaetogammarus marinus (96h)
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Hydrocarbons, C9-C11, isoalkanes, cyclics, < 2% aromatics (1174522-20-3)

LC50 - Fish [1]	> 1000 mg/l 96 Hours (Onchorhynchus mykiss) (OECD 203 method)
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EC50 - Crustacea [1]	> 1000 mg/l 48 Hours (Daphnia magna) (OECD 202 method)
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ErC50 algae	> 1000 mg/l 72 Hours (Scenedesmus subspicatus) (OECD 201 method)
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Hydrocarbons, C9-C11, isoalkanes, cyclics, < 2% aromatics

LC50 - Fish [1]	> 1000 mg/l 96 Hours (Onchorhynchus mykiss)
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EC50 - Crustacea [1]	> 1000 mg/l 48 Hours (Daphnia magna)
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Isotridecylalcohol, ethoxylated, phosphated, compd. with N,N-dimethylcyclohexanamine (164383-18-0)

LC50 - Fish [1]	1 – 10 mg/l
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12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

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12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available



SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Avoid release to the environment. Discharging into rivers and drains is forbidden. Dispose in a safe manner in accordance with local/national regulations.
Additional information	: Flammable vapours may accumulate in the container.
Ecology - waste materials	: Avoid release to the environment.
European List of Waste (LoW) code	: 08 01 12 - waste paint and varnish other than those mentioned in 08 01 11

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
UN 1263	UN 1263	UN 1263	Not applicable	Not applicable
14.2. UN proper shipping name				
PAINT (MIXTURE ;)	PAINT (MIXTURE ;)	(MIXTURE ;)	Not applicable	Not applicable
Transport document description				
UN 1263 PAINT (MIXTURE ;), 3, III, (D/E)	UN 1263 PAINT (MIXTURE ;), 3, III	UN 1263 (MIXTURE ;)	Not applicable	Not applicable
14.3. Transport hazard class(es)				
3	3	Not applicable	Not applicable	Not applicable
		Not applicable	Not applicable	Not applicable
14.4. Packing group				
III	III	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Not applicable	Not applicable
No supplementary information available				

14.6. Special precautions for user

Overland transport

Transport regulations (ADR)	: Not subject to this regulation if Q <450l
Classification code (ADR)	: F1
Special provisions (ADR)	: 163, 640E, 650, 367
Limited quantities (ADR)	: 5I

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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

Transport by sea

Transport regulations (IMDG)	: Non soumis à la réglementation IMDG si Q < 30 l
Special provisions (IMDG)	: 163, 223, 955, 367
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.

Air transport

No data available

Inland waterway transport

Not applicable

Rail transport

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

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

Reference code	Applicable on
3(b)	2-ethylhexanoic acid, zirconium salt

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

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VOC content : < 277 g/l

15.1.2. National regulations

France

Occupational diseases

Code	Description
RG 25	Diseases resulting from the inhalation of mineral dust containing crystalline silica (quartz, cristobalite, tridymite), crystalline silicates (kaolin, talc), graphite or coal.
RG 36	Diseases caused by oils and fats of mineral or synthetic origin
RG 84	Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide

Other information, restrictions and prohibition regulations : VOC Directive 2004/42/EC - Decorative paints and varnishes
Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Germany

Water hazard class (WGK) : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1)
Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed
SZW-lijst van mutagene stoffen : None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

Denmark

Classification remarks : Emergency management guidelines for the storage of flammable liquids must be followed
Danish National Regulations : Pregnant/breastfeeding women working with the product must not be in direct contact with the product

Switzerland

Storage class (LK) : LK 3 - Flammable liquids

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:	
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number

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EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

- Data sources : Classification according to Classification, Labelling and Packaging of Substances and Mixtures (SEA) Regulation published in the Official Journal numbered 28848 on December 11, 2013. 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.
- Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.
- Other information : The working conditions of the user are not known to us, the information provided in this safety data sheet are based on the State of our knowledge and on both national and Community regulations. The mixture should not be used for other uses as those specified in section 1 without first obtaining prior written handling instructions. It is always the responsibility of the user to take all the necessary measures to meet the requirements of the laws and local regulations. The information provided in this safety data sheet should be considered a description of the safety requirements to this mixture and not as a guarantee of the properties of it.
- The working conditions of the user are not known to us, the information provided in this safety data sheet are based on the State of our knowledge and on both national and Community regulations. The mixture should not be used for other uses as those specified in section 1 without first obtaining prior written handling instructions. It is always the responsibility of the user to take all the necessary measures to meet the requirements of the laws and local regulations. The information provided in this safety data sheet should be considered a description of the safety requirements to this mixture and not as a guarantee of the properties of it.

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Full text of H- and EUH-statements:	
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
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.
H361d	Suspected of damaging the unborn child.
H411	Toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH211	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.