

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



COLOR PAINT REMOVER

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	21.11.2023	MAT000478649	Date of first issue: 21.11.2023
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name : COLOR PAINT REMOVER

Product code : 47864902

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

Use of the Sub- : Professional and consumer use of coatings
stance/Mixture PC9a Coatings and paints, thinners, paint removers

1.3 Details of the supplier of the safety data sheet

Company : Helios TBLUS d.o.o.
Količevo 65
1230 Domžale
Slovenia

Telephone Company : 386 (1) 722 4383

Telefax Company : 386 (1) 722 4310

Responsible/issuing person : 386 (1) 722 4383
productsafety@helios.si

1.4 Emergency telephone number

(+370 5) 2362052 APSINUODIJIMŲ KONTROLĖS IR INFORMACIJOS BIURAS, SVEIKATOS
APSAUGOS MINISTERIJOS (+370 5) 2362052
(+370 5) 236 2091 VšĮ Vilniaus greitosios pagalbos universitetinės ligoninės Ūmių apsinuodijimų
sk (+370 5) 236 2091
112 Skubi pagalba 112

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, Category 2	H225: Highly flammable liquid and vapour.
Eye irritation, Category 2	H319: Causes serious eye irritation.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

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Hazard pictograms

:



Signal word

:

Danger

Hazard statements

:

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.

Precautionary statements

:

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.

Prevention:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.

Response:

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Paint related material

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
1,3-dioxolane	646-06-0	Flam. Liq. 2; H225	>= 50 - < 70

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	211-463-5 605-017-00-2 01-2119490744-29	Eye Irrit. 2; H319	
hydrocarbons, C10-C13 n-alkanes, isoalkanes, cyclic, <2% aromatics	- 918-481-9 01-2119457273-39	Asp. Tox. 1; H304 EUH066	>= 1 - < 10
ethanol	64-17-5 200-578-6 603-002-00-5 01-2119457610-43	Flam. Liq. 2; H225 Eye Irrit. 2; H319	>= 1 - < 10
White mineral oil (petroleum)	8042-47-5 232-455-8 01-2119487078-27	Asp. Tox. 1; H304	>= 1 - < 10
methanol	67-56-1 200-659-6 603-001-00-X 01-2119433307-44	Flam. Liq. 2; H225 Acute Tox. 3; H301 Acute Tox. 3; H331 Acute Tox. 3; H311 STOT SE 1; H370 specific concentration limit STOT SE 1; H370 >= 10 % STOT SE 2; H371 3 - < 10 %	>= 1 - < 3
2-dimethylaminoethanol	108-01-0 203-542-8 603-047-00-0 01-2119492298-24	Flam. Liq. 3; H226 Acute Tox. 4; H302 Acute Tox. 3; H331 Acute Tox. 4; H312 Skin Corr. 1B; H314 Eye Dam. 1; H318 STOT SE 3; H335 (Respiratory system) specific concentration limit STOT SE 3; H335 >= 5 %	>= 0,1 - < 1

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice : Move out of dangerous area.
Show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended.

If inhaled : If unconscious, place in recovery position and seek medical advice.

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If symptoms persist, call a physician.

- | | | |
|-------------------------|---|---|
| In case of skin contact | : | If on skin, rinse well with water.
If on clothes, remove clothes. |
| In case of eye contact | : | Immediately flush eye(s) with plenty of water.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist. |
| If swallowed | : | Keep respiratory tract clear.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.
Take victim immediately to hospital. |

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Alcohol-resistant foam
Carbon dioxide (CO₂)
Dry chemical

Unsuitable extinguishing media : High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting : Cool closed containers exposed to fire with water spray.

5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
For safety reasons in case of fire, cans should be stored separately in closed containments.
Use a water spray to cool fully closed containers.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.
Ensure adequate ventilation.
Remove all sources of ignition.
Evacuate personnel to safe areas.
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

6.4 Reference to other sections

For disposal considerations see section 13., For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Avoid formation of aerosol.
Do not breathe vapours/dust.
Avoid exposure - obtain special instructions before use.
Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Take precautionary measures against static discharges.
Provide sufficient air exchange and/or exhaust in work rooms.
Open drum carefully as content may be under pressure.
Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion : Do not spray on a naked flame or any incandescent material.
Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Use only explosion-proof equipment. Keep away from open flames, hot surfaces and sources of ignition.

Hygiene measures : When using do not eat or drink. When using do not smoke.
Wash hands before breaks and at the end of workday.

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7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : No smoking. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

Further information on storage stability : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Specific use(s) : Consult the technical guidelines for the use of this substance/mixture.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
1,3-dioxolane	646-06-0	IPRD	50 mg/m ³	LT OEL
Further information: Penetrating through the skin				
ethanol	64-17-5	IPRD	500 ppm 1.000 mg/m ³	LT OEL
		TPRD	1.000 ppm 1.900 mg/m ³	LT OEL
methanol	67-56-1	TWA	200 ppm 260 mg/m ³	2006/15/EC
Further information: Indicative, Identifies the possibility of significant uptake through the skin				
		IPRD	200 ppm 260 mg/m ³	LT OEL
Further information: Penetrating through the skin				

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health effects	Value
1,3-dioxolane	Workers	Inhalation	Long-term systemic effects	18,09 mg/m ³
	Consumers	Dermal	Long-term systemic effects	4,36 mg/m ³
Dimethoxymethane	Workers	Inhalation	Long-term systemic effects	126,6 mg/m ³
	Consumers	Inhalation	Long-term systemic effects	31,5 mg/m ³
	Consumers	Dermal	Long-term systemic effects	18,1 mg/kg bw/day

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	Consumers	Oral	Long-term systemic effects	18,1 mg/kg bw/day
	Workers	Dermal	Long-term systemic effects	17,9 mg/kg bw/day
ethanol	Workers	Inhalation	Long-term systemic effects	950 mg/m3
	Consumers	Inhalation	Acute local effects	950 mg/m3
	Workers	Inhalation	Acute local effects	1900 mg/m3
	Consumers	Inhalation	Long-term systemic effects	114 mg/m3
	Consumers	Oral	Long-term systemic effects	87 mg/kg bw/day
	Workers	Dermal	Long-term systemic effects	343 mg/kg bw/day
	Consumers	Dermal	Long-term systemic effects	206 mg/kg bw/day
methanol	Workers	Inhalation	Acute systemic effects	130 mg/m3
	Workers	Inhalation	Acute local effects	130 mg/m3
	Workers	Inhalation	Long-term systemic effects	130 mg/m3
	Workers	Inhalation	Long-term local effects	130 mg/m3
	Consumers	Inhalation	Acute systemic effects	26 mg/m3
	Consumers	Inhalation	Long-term local effects	26 mg/m3
	Consumers	Inhalation	Long-term systemic effects	26 mg/m3
	Consumers	Inhalation	Acute local effects	26 mg/m3
	Workers	Dermal	Acute systemic effects	20 mg/kg bw/day
	Workers	Dermal	Long-term systemic effects	20 mg/kg bw/day
	Consumers	Dermal	Acute systemic effects	4 mg/kg bw/day
	Consumers	Oral	Acute systemic effects	4 mg/kg bw/day
	Consumers	Oral	Long-term systemic effects	4 mg/kg bw/day
	Consumers	Dermal	Long-term systemic effects	4 mg/kg bw/day
2-dimethylaminoethanol	Workers	Inhalation	Long-term systemic effects	7,4 mg/m3
	Workers	Inhalation	Acute local effects	22 mg/m3
	Workers	Dermal	Acute local effects	0,08 mg/cm2
	Workers	Dermal	Long-term systemic effects	1,04 mg/kg bw/day
	Workers	Dermal	Acute systemic effects	5 mg/kg bw/day

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

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Substance name	Environmental Compartment	Value
1,3-dioxolane	Soil	2,62 mg/kg dry weight (d.w.)
	Marine water	1,97 mg/l
	Fresh water	19,7 mg/l
	Marine sediment	7,77 mg/kg dry weight (d.w.)
	Fresh water sediment	77,7 mg/kg dry weight (d.w.)
	Sewage treatment plant	1 mg/l
Dimethoxymethane	Intermittent use/release	0,95 mg/l
	Soil	4,654 mg/kg dry weight (d.w.)
	Marine water	1,477 mg/l
	Fresh water	14,577 mg/l
	Fresh water sediment	13,135 mg/kg dry weight (d.w.)
	Sewage treatment plant	10000 mg/l
ethanol	Soil	0,63 mg/kg dry weight (d.w.)
	Marine water	0,79 mg/l
	Fresh water	0,96 mg/l
	Marine sediment	2,9 mg/kg dry weight (d.w.)
	Fresh water sediment	3,6 mg/kg dry weight (d.w.)
	Sewage treatment plant	580 mg/l
methanol	Soil	100 mg/kg dry weight (d.w.)
	Marine water	2,08 mg/l
	Fresh water	20 mg/l
	Marine sediment	7,7 mg/kg dry weight (d.w.)
	Sewage treatment plant	100 mg/l
	Intermittent use/release	1540 mg/l
2-dimethylaminoethanol	Soil	0,0177 mg/kg dry weight (d.w.)
	Marine water	0,00661 mg/l
	Fresh water	0,0661 mg/l
	Fresh water sediment	0,0529 mg/kg dry weight (d.w.)
	Sewage treatment plant	10 mg/l
	Intermittent use/release	0,0661 mg/l

8.2 Exposure controls

Personal protective equipment

Eye/face protection : Eye wash bottle with pure water
Tightly fitting safety goggles
Wear face-shield and protective suit for abnormal processing problems.

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Hand protection

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Skin and body protection : Impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory protection : Wear a full face respirator conforming to EN136 with Type A/P2 filter or better.
Self-contained closed-circuit breathing apparatus compressed (EN 145)
In the case of aerosol and mist formation use an approved respirator filter (EN 141).

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	: liquid
Colour	: in accordance with the product description
Odour	: characteristic
Odour Threshold	: No data available
Melting point/freezing point	: Not applicable
Boiling point/boiling range	: No data available
Upper explosion limit / Upper flammability limit	: 6,1 %(V) (calculation method (principal components, highest value))
Lower explosion limit / Lower flammability limit	: 0,6 %(V) (calculation method (principal components, highest value))
Flash point	: 2 °C
Ignition temperature	: 237 °C (calculation method (principal components, highest value))
Decomposition temperature	: No decomposition if stored and applied as directed. Hazardous decomposition products formed under fire conditions.
pH	: 7 - 10 Concentration: 100 %

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Viscosity

Viscosity, dynamic : 6.000 - 8.000 mPa.s (23 °C)

Viscosity, kinematic : > 21 mm²/s (40 °C)

Solubility(ies)

Water solubility : immiscible, partly soluble

Solubility in other solvents : Description: miscible with most organic solvents

Partition coefficient: n-octanol/water

: log Pow: -0,37 (calculation method (principal components, highest value))

Density

: 0,92 - 1,02 g/cm³

9.2 Other information

Oxidizing properties : Sustains combustion

SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if stored and applied as directed.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if stored and applied as directed.

Vapours may form explosive mixture with air.

10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

10.5 Incompatible materials

Materials to avoid : Strong oxidizing agents

10.6 Hazardous decomposition products

Adequate ventilation is required.

Heating can release vapours which can be ignited.

Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

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SECTION 11: Toxicological information

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

Acute toxicity

Product:

Acute oral toxicity	: Acute toxicity estimate: > 2.000 mg/kg Method: Calculation method
Acute inhalation toxicity	: Acute toxicity estimate: > 20 mg/l Exposure time: 4 h Test atmosphere: vapour Method: Calculation method
Acute dermal toxicity	: Acute toxicity estimate: > 2.000 mg/kg Method: Calculation method

Components:

hydrocarbons, C10-C13 n-alkanes, isoalkanes, cyclic, <2% aromatics:

Acute oral toxicity	: LD50 Oral (Rat, male and female): > 5.000 mg/kg Method: OECD Test Guideline 401
Acute inhalation toxicity	: LC50 (Rat): > 5.000 mg/l Test atmosphere: vapour Method: OECD Test Guideline 403
Acute dermal toxicity	: LD50 Dermal (Rabbit, male and female): > 5.000 mg/kg Method: OECD Test Guideline 402

ethanol:

Acute oral toxicity	: LD50 Oral (Rat): >= 7.060 mg/kg
Acute inhalation toxicity	: LC50 (Rat): >= 39 mg/l Exposure time: 4 h Test atmosphere: vapour

methanol:

Acute oral toxicity	: Assessment: The component/mixture is toxic after single ingestion.
Acute inhalation toxicity	: Test atmosphere: vapour Assessment: The component/mixture is toxic after short term inhalation.
Acute dermal toxicity	: Assessment: The component/mixture is toxic after single contact with skin.

2-dimethylaminoethanol:

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Acute inhalation toxicity : Assessment: The component/mixture is toxic after short term inhalation.

Skin corrosion/irritation

Product:

Remarks : May cause skin irritation in susceptible persons.

Components:

hydrocarbons, C10-C13 n-alkanes, isoalkanes, cyclic, <2% aromatics:

Species : Rabbit
Method : OECD Test Guideline 404
Result : No skin irritation
GLP : yes

Result : Repeated exposure may cause skin dryness or cracking.

Serious eye damage/eye irritation

Product:

Remarks : May cause irreversible eye damage.

Components:

1,3-dioxolane:

Result : Eye irritation

hydrocarbons, C10-C13 n-alkanes, isoalkanes, cyclic, <2% aromatics:

Species : Rabbit
Method : OECD Test Guideline 405
Result : No eye irritation

ethanol:

Result : Eye irritation

Respiratory or skin sensitisation

Components:

hydrocarbons, C10-C13 n-alkanes, isoalkanes, cyclic, <2% aromatics:

Exposure routes : Skin contact
Species : Guinea pig
Method : OECD Test Guideline 406
Result : Not a skin sensitizer.

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Germ cell mutagenicity

Components:

hydrocarbons, C10-C13 n-alkanes, isoalkanes, cyclic, <2% aromatics:

Genotoxicity in vitro : Result: negative

Genotoxicity in vivo : Result: negative

Carcinogenicity

Components:

hydrocarbons, C10-C13 n-alkanes, isoalkanes, cyclic, <2% aromatics:

Result : negative

Reproductive toxicity

Components:

hydrocarbons, C10-C13 n-alkanes, isoalkanes, cyclic, <2% aromatics:

Effects on foetal development :

STOT - single exposure

Components:

hydrocarbons, C10-C13 n-alkanes, isoalkanes, cyclic, <2% aromatics:

Remarks : Based on available data, the classification criteria are not met.

methanol:

Assessment : Causes damage to organs.

2-dimethylaminoethanol:

Assessment : May cause respiratory irritation.

STOT - repeated exposure

Components:

hydrocarbons, C10-C13 n-alkanes, isoalkanes, cyclic, <2% aromatics:

Remarks : Based on available data, the classification criteria are not met.

Aspiration toxicity

Components:

hydrocarbons, C10-C13 n-alkanes, isoalkanes, cyclic, <2% aromatics:

May be fatal if swallowed and enters airways.

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White mineral oil (petroleum):

May be fatal if swallowed and enters airways.

11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Further information

Product:

Remarks : Solvents may degrease the skin.

SECTION 12: Ecological information

12.1 Toxicity

Components:

hydrocarbons, C10-C13 n-alkanes, isoalkanes, cyclic, <2% aromatics:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 1.000 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203

Toxicity to daphnia and other : EC50 : > 1.000 mg/l
aquatic invertebrates
Exposure time: 48 h
Method: OECD Test Guideline 202

Toxicity to algae/aquatic : NOEC (Pseudokirchneriella subcapitata (microalgae)): 1.000
plants
mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201

EC50 (Pseudokirchneriella subcapitata (microalgae)): > 1.000
mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201

ethanol:

Toxicity to fish : LC50 (Fish): >= 13.500 mg/l

Toxicity to daphnia and other : LC50 (Daphnia (water flea)): >= 5.000 mg/l

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aquatic invertebrates

12.2 Persistence and degradability

Components:

hydrocarbons, C10-C13 n-alkanes, isoalkanes, cyclic, <2% aromatics:

Biodegradability : Result: Readily biodegradable.
Biodegradation: 80 %
Exposure time: 28 d
Method: OECD Test Guideline 301F

White mineral oil (petroleum):

Biodegradability : Result: Biodegradable

12.3 Bioaccumulative potential

Components:

1,3-dioxolane:

Partition coefficient: n-octanol/water : log Pow: -0,37

ethanol:

Partition coefficient: n-octanol/water : log Pow: -0,32

White mineral oil (petroleum):

Partition coefficient: n-octanol/water : log Pow: > 6

methanol:

Partition coefficient: n-octanol/water : log Pow: -0,77

2-dimethylaminoethanol:

Partition coefficient: n-octanol/water : log Pow: -0,55

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of

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0.1% or higher.

Components:

hydrocarbons, C10-C13 n-alkanes, isoalkanes, cyclic, <2% aromatics:

Assessment : This substance is not considered to be persistent, bioaccumulating and toxic (PBT).

12.6 Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

Product:

Additional ecological information : No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product	: Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.
Contaminated packaging	: Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum.
Waste Code	: 08 01 11, waste paint and varnish containing organic solvents or other hazardous substances

SECTION 14: Transport information

14.1 UN number or ID number

ADN	: UN 1263
ADR	: UN 1263
RID	: UN 1263
IMDG	: UN 1263

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IATA : UN 1263

14.2 UN proper shipping name

ADN : PAINT RELATED MATERIAL

ADR : PAINT RELATED MATERIAL

RID : PAINT RELATED MATERIAL

IMDG : PAINT RELATED MATERIAL

IATA : Paint related material

14.3 Transport hazard class(es)

	Class	Subsidiary risks
ADN	: 3	
ADR	: 3	
RID	: 3	
IMDG	: 3	
IATA	: 3	

14.4 Packing group

ADN
Packing group : II
Classification Code : F1
Hazard Identification Number : 33
Labels : 3
Remarks : Special Provision 640C

ADR
Packing group : II
Classification Code : F1
Hazard Identification Number : 33
Labels : 3
Tunnel restriction code : (D/E)
Remarks : Special Provision 640C

RID
Packing group : II
Classification Code : F1
Hazard Identification Number : 33
Labels : 3
Remarks : Special Provision 640C

IMDG
Packing group : II
Labels : 3
EmS Code : F-E, S-E

IATA (Cargo)

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Packing instruction (cargo aircraft) : 364
Packing instruction (LQ) : Y341
Packing group : II
Labels : Flammable Liquids

IATA (Passenger)

Packing instruction (passenger aircraft) : 353
Packing instruction (LQ) : Y341
Packing group : II
Labels : Flammable Liquids

14.5 Environmental hazards

ADN

Environmentally hazardous : no

ADR

Environmentally hazardous : no

RID

Environmentally hazardous : no

IMDG

Marine pollutant : no

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. P5c FLAMMABLE LIQUIDS

15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance.

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SECTION 16: Other information

Full text of H-Statements

H225	: Highly flammable liquid and vapour.
H226	: Flammable liquid and vapour.
H301	: Toxic if swallowed.
H302	: Harmful if swallowed.
H304	: May be fatal if swallowed and enters airways.
H311	: Toxic in contact with skin.
H312	: Harmful in contact with skin.
H314	: Causes severe skin burns and eye damage.
H318	: Causes serious eye damage.
H319	: Causes serious eye irritation.
H331	: Toxic if inhaled.
H335	: May cause respiratory irritation.
H370	: Causes damage to organs.
EUH066	: Repeated exposure may cause skin dryness or cracking.

Full text of other abbreviations

Acute Tox.	: Acute toxicity
Asp. Tox.	: Aspiration hazard
Eye Dam.	: Serious eye damage
Eye Irrit.	: Eye irritation
Flam. Liq.	: Flammable liquids
Skin Corr.	: Skin corrosion
STOT SE	: Specific target organ toxicity - single exposure
2006/15/EC	: Europe. Indicative occupational exposure limit values
LT OEL	: Lithuania. Occupational Exposure Limits
2006/15/EC / TWA	: Limit Value - eight hours
LT OEL / IPRD	: Long term exposure limit
LT OEL / TPRD	: Short term exposure limit

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Ef-

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fect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECl - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

Classification of the mixture:

Flam. Liq. 2	H225
Eye Irrit. 2	H319

Classification procedure:

Based on product data or assessment
Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.