
SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

0892100106 - AdGrip

Version 1.0

Revision Date 28.04.2015

Print Date 30.04.2015

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Date of last issue: -

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

Commercial Product Name : AdGrip
Product code : 0892100106
SDS-Identcode : 10048092

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

Use of the Substance/Mixture : Adhesives

1.3 Details of the supplier of the safety data sheet

Company : Würth UK Ltd
1 Centurion Way
Erith, Kent
United Kingdom
Telephone : +44 (0)3300 555 444
Telefax : +44 (0)3300 555 666

Company : WÜRTH IRELAND LTD.
Monaclinoe Ind. Est. Ballysimon Road
Limerick
Ireland
Telephone : +353 61 430200
Telefax : +353 61 412428

Responsible/issuing person : E-mail address: prodsafe@wuerth.com

1.4 Emergency telephone number

National Chemical Emergency Centre
+44 (0)870 190 6777

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.
Skin irritation, Category 2	H315: Causes skin irritation.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Specific target organ toxicity - single exposure, Category 3, Central nervous system	H336: May cause drowsiness or dizziness.
Chronic aquatic toxicity, Category 3	H412: Harmful to aquatic life with long lasting effects.

Classification (67/548/EEC, 1999/45/EC)

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Highly flammable

R11: Highly flammable.

Irritant

R36: Irritating to eyes.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

Dangerous for the environment

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word :

Danger

Hazard statements :

H225

Highly flammable liquid and vapour.

H315

Causes skin irritation.

H319

Causes serious eye irritation.

H336

May cause drowsiness or dizziness.

H412

Harmful to aquatic life with long lasting effects.

Precautionary statements :

Prevention:

P210

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233

Keep container tightly closed.

P261

Avoid breathing mist or vapours.

P273

Avoid release to the environment.

P280

Wear protective gloves/ eye protection/ face protection.

Response:

P370 + P378

In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish.

Hazardous components which must be listed on the label:

- ethyl acetate

2.3 Other hazards

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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.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

Chemical Name	CAS-No.	Classification (67/548/EEC)	Classification (1272/2008/EC)	Concentration [%]
	EC-No.			
	Registration number			
ethyl acetate	141-78-6	F; R11	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336	>= 25 - < 35
	205-500-4	Xi; R36		
	01- 2119475103- 46	R66 R67		
Hydrocarbons, C6-C7, n- alkanes, isoalkanes, cy- clics, <5% n-hexane	921-024-6	F; R11	Flam. Liq. 2; H225 Skin Irrit. 2; H315 STOT SE 3; H336 Asp. Tox. 1; H304 Aquatic Chronic 2; H411	>= 10 - < 12,5
	01- 2119475514- 35	Xi; R38 N; R51/53 Xn; R65 R67		
Hydrocarbons, C7-C9, n- alkanes, isoalkanes, cy- clics	920-750-0	F; R11	Flam. Liq. 2; H225 STOT SE 3; H336 Asp. Tox. 1; H304 Aquatic Chronic 2; H411	>= 10 - < 12,5
	01- 2119473851- 33	N; R51/53 Xn; R65 R66-R67		

For the full text of the R-phrases mentioned in this Section, see Section 16.

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- General advice : If you feel unwell, seek medical advice (show the label where possible). First aider needs to protect himself. Move out of dangerous area. Never give anything by mouth to an unconscious person. Take off contaminated clothing and shoes immediately.
- If inhaled : If breathed in, move person into fresh air. If symptoms persist, call a physician. Keep patient warm and at rest. If not breathing, give arti-

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cial respiration. If breathing is difficult, give oxygen.

In case of skin contact : In case of contact, immediately flush skin with soap and plenty of water. Do NOT use solvents or thinners. If skin irritation persists, call a physician. Wash off with polyethylene glycol and afterwards with plenty of water.

In case of eye contact : Protect unharmed eye. If easy to do, remove contact lens, if worn. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

If swallowed : If swallowed, seek medical advice immediately and show this container or label. If swallowed, DO NOT induce vomiting. If a person vomits when lying on his back, place him in the recovery position.

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: Firefighting measures**5.1 Extinguishing media**

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

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting : Do not use a solid water stream as it may scatter and spread fire. Exposure to decomposition products may be a hazard to health.

5.3 Advice for firefighters

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

Further information : Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. In the event of fire and/or explosion do not breathe fumes. Use water spray to cool unopened containers. 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. Pay attention to flashback.

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SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Refer to protective measures listed in sections 7 and 8. Use personal protective equipment. Remove all sources of ignition. Avoid contact with skin and eyes. Ensure adequate ventilation, especially in confined areas. Immediately evacuate personnel to safe areas. Avoid inhalation of vapour or mist. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

6.2 Environmental precautions

Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities. Avoid release to the environment. Refer to special instructions/ Safety data sheets.

6.3 Methods and materials for containment and cleaning up

Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations. Clean contaminated surface thoroughly.

6.4 Reference to other sections

see chapter: 7, 8, 11, 12 and 13

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Advice on safe handling : For personal protection see section 8. Do not breathe vapours or spray mist. Avoid contact with skin and eyes. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. Take precautionary measures against static discharges.

Advice on protection against fire and explosion : Normal measures for preventive fire protection. Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Keep away from heat and sources of ignition. Do not smoke. No sparking tools should be used. Electrical equipment should be protected to the appropriate standard.

Dust explosion class : Not applicable

7.2 Conditions for safe storage, including any incompatibilities

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Requirements for storage areas and containers : Store in original container. Keep containers tightly closed in a cool, well-ventilated place. Keep away from direct sunlight. Keep away from heat.

Advice on common storage : Incompatible with strong acids and oxidizing agents.

Keep away from food, drink and animal feedingstuffs. Do not store together with oxidizing and self-igniting products.

Other data : No decomposition if stored and applied as directed.

7.3 Specific end use(s)No data available

SECTION 8: Exposure controls/personal protection**8.1 Control parameters**

Components	CAS-No.	Control parameters	Basis	Update
ethyl acetate	141-78-6	TWA: 200 ppm STEL: 400 ppm	GB EH40	2005-04-06

Other information on limit values: see chapter 16

8.2 Exposure controls**Engineering measures**

Provide sufficient air exchange and/or exhaust in work rooms.

Personal protective equipment

Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Respirator with filter type A

Hand protection

Material : PVA
Glove thickness : 0,06 mm

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Break through time: : > 480 min

Remarks : Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer.

Eye protection : Goggles
Eye wash bottle with pure water

Skin and body protection : Flame retardant antistatic protective clothing.
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
General industrial hygiene practice.
Avoid breathing vapours, mist or gas.
Avoid contact with skin, eyes and clothing.
When using do not eat, drink or smoke.
Wash hands before breaks and at the end of workday.
Follow the skin protection plan.
Take off all contaminated clothing immediately.
Wash contaminated clothing before re-use.

Environmental exposure controls

General advice : Do not flush into surface water or sanitary sewer system.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.
Avoid release to the environment. Refer to special instructions/ Safety data sheets.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Appearance : paste
Colour : beige
Odour : hydrocarbon-like
Odour Threshold : No data available

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Flash point	: -10 °C
Ignition temperature	: No data available
Thermal decomposition	: No data available
Lower explosion limit	: No data available
Upper explosion limit	: No data available
Explosive properties	: No data available
Flammability	: No data available
Oxidizing properties	: No data available
Auto-ignition temperature	: No data available
Burning number	: No data available
Molecular weight	: No data available
pH	: No data available
Boiling point/boiling range	: 64 °C
Vapour pressure	: No data available
Density	: ca. 1,25 g/cm ³
Bulk density	: No data available
Water solubility	: insoluble
Partition coefficient: n-octanol/water	: No data available
Solubility in other solvents	: insoluble
Viscosity, dynamic	: No data available
Viscosity, kinematic	: > 20,5 mm ² /s at 40 °C
Flow time	: No data available
Impact sensitivity	: No data available
Relative vapour density	: No data available
Surface tension	: No data available
Evaporation rate	: No data available
Minimum ignition energy	: No data available
Acid number	: No data available
Refraction index	: No data available
Miscibility in water	: No data available
Solvent separation test	: No data available

9.2 Other information

None known.

SECTION 10: Stability and reactivity**10.1 Reactivity**

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No data available

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

Stability : No decomposition if stored and applied as directed.

Vapours may form explosive mixtures with air.

10.4 Conditions to avoid

Heat, flames and sparks.

10.5 Incompatible materials

Materials to avoid : Strong oxidizing agents, Strong acids

10.6 Hazardous decomposition products

Hazardous decomposition products : Build-up of dangerous/toxic fumes possible in cases of fire/high temperature.

SECTION 11: Toxicological information**11.1 Information on toxicological effects****Acute toxicity**Acute oral toxicity:

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane : LD50 Rat: > 5.840 mg/kg

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics : LD50 Rat, male and female: > 5.840 mg/kg

Acute inhalation toxicity:

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane : LC50 Rat: > 25,2 mg/l
Test atmosphere: vapour
Exposure time: 4 h

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics : LC50 Rat, male and female: > 23,3 mg/l
Test atmosphere: vapour
Exposure time: 4 h
Method: OECD Test Guideline 403

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Acute dermal toxicity:

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane : LD50 Rabbit: > 2.000 mg/kg

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics : LD50 Rat, male and female: > 2.800 mg/kg

Acute toxicity (other routes of administration):

No data available

Skin corrosion/irritation

ethyl acetate : Repeated exposure may cause skin dryness or cracking.

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane : Species: Rabbit
Skin irritation

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics : Species: Rabbit
No skin irritation
Method: OECD Test Guideline 404

Repeated exposure may cause skin dryness or cracking.

Serious eye damage/eye irritation

ethyl acetate : Irritating to eyes.

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane : Species: Rabbit
No eye irritation

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics : Species: Rabbit
No eye irritation

Respiratory or skin sensitisationSensitisation:

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane : Test Method: Maximisation Test (GPMT)
Species: Guinea pig
Result: Does not cause skin sensitisation.
Method: OECD Test Guideline 406

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics : Species: Guinea pig
Result: Does not cause skin sensitisation.
Method: OECD Test Guideline 406

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Germ cell mutagenicityGenotoxicity in vitro:

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

: Type: Mutagenicity (in vitro mammalian cytogenetic test)
Result: negative
Method: OECD Test Guideline 476

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

: Type: Mutagenicity (Escherichia coli - reverse mutation assay) with and without metabolic activation
Result: negative
Method: OECD Test Guideline 471Genotoxicity in vivo:

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

: Type: In vivo micronucleus test
Test species: Mouse
Application Route: Oral
Result: negative
Method: Mutagenicity (micronucleus test)**Carcinogenicity**

Remarks

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

: Carcinogenicity:
Classified based on benzene content < 0.1% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note P)

Mutagenicity:

Tests on bacterial or mammalian cell cultures did not show mutagenic effects., Classified based on benzene content < 0.1% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note P)

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

: Carcinogenicity:
Classified based on benzene content < 0.1% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note P)

Mutagenicity:

Classified based on benzene content < 0.1% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note P)

Reproductive toxicity

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

: Note: No toxicity to reproduction

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

: Note: No toxicity to reproduction

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Teratogenicity

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

: Note: Embryotoxicity classification not possible from current data.

STOT - single exposure

ethyl acetate

: May cause drowsiness or dizziness.

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

: May cause drowsiness or dizziness.

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

: May cause drowsiness or dizziness.

STOT - repeated exposure

No data available

Aspiration hazardAspiration toxicity

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

: The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard.

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

: The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard.

Neurological effects

No data available

Toxicology AssessmentToxicology, Metabolism, Distribution

No data available

Acute effects

No data available

Further information: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
Vapours may cause drowsiness and dizziness.

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SECTION 12: Ecological information**12.1 Toxicity**Toxicity to fish

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane : LC50 (Oncorhynchus mykiss (rainbow trout)): 11,4 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203
Note: Information given is based on data obtained from similar substances.

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics : LC50 (Oncorhynchus mykiss (rainbow trout)): 3 - 10 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane : EC50 (Daphnia magna (Water flea)): 3 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202
Note: Information given is based on data obtained from similar substances.

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics : EC50 (Daphnia magna (Water flea)): 4,6 - 10 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202

Toxicity to algae

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane : EC50 (Pseudokirchneriella subcapitata (green algae)): 10 - 30 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201

NOEC (Pseudokirchneriella subcapitata (green algae)): 10 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics : NOEC (Pseudokirchneriella subcapitata (green algae)): 10 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201

EC50 (Pseudokirchneriella subcapitata (green algae)): 10 - 30 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)

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Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane : NOEC: 0,17 mg/l
Exposure time: 21 d
Species: Daphnia magna (Water flea)
Method: OECD Test Guideline 211

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics : NOEC: 0,17 mg/l
Exposure time: 21 d
Species: Daphnia magna (Water flea)
Method: OECD Test Guideline 211

12.2 Persistence and degradabilityBiodegradability

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane : Result: Readily biodegradable
Biodegradation: 81 %
Exposure time: 28 d
Method: OECD Test Guideline 301F

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB 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 0.1% or higher.

12.6 Other adverse effects

Additional ecological information : The product should not be allowed to enter drains, water courses or the soil.

SECTION 13: Disposal considerations**13.1 Waste treatment methods**

Advice on disposal and packaging : Disposal:
In accordance with local and national regulations. Do not dispose of waste into sewer. Do not dispose of together with household waste. Waste codes should be assigned by the user based on the application for which the product was used.

The following Waste Codes are only suggestions:

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Waste Code (EWC) : Waste Key (unused product):
080409, waste adhesives and sealants containing organic solvents
or other dangerous substances

Waste key (used product):
080409, waste adhesives and sealants containing organic solvents
or other dangerous substances

Disposal of uncleaned packaging : Waste key (uncleaned packaging):
150110, packaging containing residues of or contaminated by dan-
gerous substances

Note: Empty containers should be taken to an approved waste han-
dling site for recycling or disposal. Do not burn, or use a cutting torch
on, the empty drum. Dispose of as unused product.

SECTION 14: Transport information**14.1 UN number**

ADR : 1133
RID : 1133
IMDG : 1133
IATA : 1133

14.2 Proper shipping name

ADR : ADHESIVES
RID : ADHESIVES
IMDG : ADHESIVES
IATA : ADHESIVES

14.3 Transport hazard class(es)

ADR : 3
RID : 3
IMDG : 3
IATA : 3

14.4 Packing group

ADR
Packing group : II
Classification Code : F1
Hazard Identification Number : 33
Labels : 3
Limited quantity : 5,00 L
Tunnel restriction code : (D/E)

RID
Packing group : II
Classification Code : F1
Hazard Identification Number : 33

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Labels : 3
 Limited quantity : 5,00 L

IMDG

Packing group : II
 Labels : 3
 EmS Number : F-E, S-D

IATA

Packing instruction (cargo aircraft) : 364
 Packing instruction (passenger aircraft) : 353
 Packing instruction (LQ) : Y341
 Packing group : II
 Labels : 3

14.5 Environmental hazards**ADR**

Environmentally hazardous : no
 Special Provision 640C

RID

Environmentally hazardous : no
 Special Provision 640C

IMDG

Marine pollutant : no

IATA

Environmentally hazardous : no

14.6 Special precautions for user

see chapter: 6, 7 and 8

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

Not applicable for product as supplied.

SECTION 15: Regulatory information
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

VOC : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)
 VOC content less water: 373 g/l

Seveso II - Directive 2003/105/EC amending Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances	: Update:	Quantity 1	Quantity 2
	Highly flammable	5.000 t	50.000 t

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	Update: Petroleum products: (a) gaso- lines and naphthas, (b) ker- osenes (including jet fuels), (c) gas oils (including diesel fuels, home heating oils and gas oil blending streams)	2.500 t	25.000 t
Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.	Update: FLAMMABLE LIQUIDS	5.000 t	50.000 t
	Update: Petroleum products: (a) gaso- lines and naphthas, (b) ker- osenes (including jet fuels), (c) gas oils (including diesel fuels, home heating oils and gas oil blending streams),(d) heavy fuel oils (e) alternative fuels serving the same pur- poses and with similar prop- erties as regards flammability and environmental hazards as the products referred to in points (a) to (d)	2.500 t	25.000 t

National legislation

Other regulations : Take note of Dir 94/33/EC on the protection of young people at work.

Further information : Reserved for industrial and professional use.

15.2 Chemical Safety AssessmentNo data available

SECTION 16: Other information

Full text of R-phrases referred to under sections 2 and 3

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

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R11	Highly flammable.
R36	Irritating to eyes.
R38	Irritating to skin.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

Full text of H-Statements referred to under sections 2 and 3.

H225	Highly 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.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

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.

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