



Super Glue

Safety Data Sheet

according to Regulation (EC) No. 453/2010

MSDS Version: E02.00

Date of issue: 14/05/2014

Blend Version: 1

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

1.1. Product identifier

Product name : Super Glue
Product code : WOUK B90086

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Glue

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Wynn Oil U.K. (ITW Additives UK)
Unit 4, Parbrook Close, Coventry
CV4 9XY West Midlands - UK
T 02476 472634
helpline@wynns.uk.com - <http://www.wynns.uk.com>

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Skin Irrit. 2 H315
Eye Irrit. 2 H319
STOT SE 3 H335

Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC or 1999/45/EC

Xi; R36/37/38

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) : Warning

Hazard statements (CLP) : H315 - Causes skin irritation
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation

EUH phrases : EUH202 - Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children

Precautionary statements (CLP) : P261 - Avoid breathing vapours
P271 - Use only outdoors or in a well-ventilated area
P280 - Wear protective gloves, eye protection
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 - Immediately call a doctor

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2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
ethyl 2-cyanoacrylate	(CAS No)7085-85-0 (EC no)230-391-5 (EC index no)607-236-00-9	> 90	Xi; R36/37/38
Name	Product identifier	Specific concentration limits	
ethyl 2-cyanoacrylate	(CAS No)7085-85-0 (EC no)230-391-5 (EC index no)607-236-00-9	(10 =< C) Xi; R36/37/38	

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
ethyl 2-cyanoacrylate	(CAS No)7085-85-0 (EC no)230-391-5 (EC index no)607-236-00-9	> 90	Eye Irrit. 2, H319 STOT SE 3, H335 Skin Irrit. 2, H315

Name	Product identifier	Specific concentration limits	
ethyl 2-cyanoacrylate	(CAS No)7085-85-0 (EC no)230-391-5 (EC index no)607-236-00-9	(10 =< C) STOT SE 3, H335	

Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Check the vital functions. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim conscious with laboured breathing: half-seated. Vomiting: prevent asphyxia/aspiration pneumonia. Victim in shock: on his back with legs slightly raised. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital.
First-aid measures after inhalation	: Remove victim to fresh air.
First-aid measures after skin contact	: After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap. Take victim to a doctor if irritation persists. Soak accidentally bonded skin in soap and water.
First-aid measures after eye contact	: After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.
First-aid measures after ingestion	: Rinse mouth thoroughly with water. Do not induce vomiting. Obtain emergency medical attention.

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

Symptoms/injuries	: Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.
Symptoms/injuries after inhalation	: Cough. Irritation to throat.
Symptoms/injuries after ingestion	: Polymerisation of product.

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

Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: All extinguishing media can be used.
Unsuitable extinguishing media	: None to our knowledge. If there is a fire close by, use suitable extinguishing agents.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Combustible liquid. Combustion produces toxic gases.
Reactivity	: Polymerises on exposure to water (moisture).

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5.3. Advice for firefighters

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Safety glasses. Gloves.
Emergency procedures : Mark the danger area. Wash contaminated clothes.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

6.2. Environmental precautions

Prevent spreading in sewers. Prevent soil and water pollution.

6.3. Methods and material for containment and cleaning up

For containment : Contain leaking substance, pump over in suitable containers.
Methods for cleaning up : Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal.
Other information : Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Avoid all contact with skin, eyes, or clothing.
Precautions for safe handling : meet the legal requirements. No particular risk when handled in accordance with good occupational hygiene practice. Avoid exposure - obtain special instructions before use. Store in a closed container.
Hygiene measures : Observe normal hygiene standards. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep only in the original container in a cool, well ventilated place.
Storage conditions : Keep container tightly closed. Meet the legal requirements.
Maximum storage period : 12 months @20°C
Storage temperature : 5 °C
Heat and ignition sources : Keep away from heat.
Storage area : Meet the legal requirements.
Special rules on packaging : Keep only in original container. correctly labelled.

7.3. Specific end use(s)

Sizing agent. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

ethyl 2-cyanoacrylate (7085-85-0)

Belgium	Limit value (mg/m ³)	1,04 mg/m ³
Belgium	Limit value (ppm)	0,2 ppm
United Kingdom	WEL STEL (mg/m ³)	1,5 mg/m ³

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8.2. Exposure controls

Appropriate engineering controls

: Provide good ventilation in process area to prevent formation of vapour.

Personal protective equipment

: Gloves. Protective goggles.



Hand protection

: nitrile. Viton. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer.

Skin and body protection

: Wear suitable protective clothing.

Respiratory protection

: High gas/vapour concentration: gas mask with filter type A.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Viscous.
Colour	: Colourless.
Odour	: characteristic.
Odour threshold	: No data available
pH	:
Relative evaporation rate (butylacetate=1)	: No data available
refraction index	:
Melting point	: No data available
Freezing point	: No data available
Boiling point	: > 150 °C
Flash point	: > 85 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: 0,293 mm Hg
Relative vapour density at 20 °C	: No data available
Relative density	: 1,025
Solubility	: Insoluble in water. Polymerises on exposure to water (moisture).
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic @40°C	: No data available
Viscosity, dynamic @40°C	: No data available
Viscosity	:
Viscosity Index	:
Explosive properties	: No data available
Oxidising properties	: Non oxidizing material according to EC criteria.
Explosive limits	: No data available

9.2. Other information

VOC content

: 20 g/l

Additional information

: The physical and chemical data in this section are typical values for this product and are not intended as product specifications.

SECTION 10: Stability and reactivity

10.1. Reactivity

Polymerises on exposure to water (moisture).

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Violent polymerisation can occur.

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10.4. Conditions to avoid

Moisture. Air contact. Heat. Keep away from heat and direct sunlight.

10.5. Incompatible materials

water. Bases. Amines. alcohols. Strong oxidizing agents. Natural fibres (e.g. cotton).

10.6. Hazardous decomposition products

On burning: release of harmful/irritant gases/vapours e.g.: carbon monoxide - carbon dioxide. Nitrogen oxides (NO_x).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Super Glue

LD50 oral rat > 5 ml/kg

Skin corrosion/irritation : Irritation. Redness

Serious eye damage/irritation : Irritating. Redness. Causes tears.

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : May cause respiratory irritation.

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Irritation to throat. Cough

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

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Bioaccumulative potential No indication of bioaccumulation potential.

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Other adverse effects : Negligible.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Remove to an authorized waste treatment plant.

European List of Waste (LoW) code : 08 04 09* - waste adhesives and sealants containing organic solvents or other dangerous substances

SECTION 14: Transport information

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

14.1. UN number

UN-No. : 3334

14.2. UN proper shipping name

Proper Shipping Name : aviation regulated liquid, n.o.s.

Transport document description : UN 3334 aviation regulated liquid, n.o.s. (ethyl 2-cyanoacrylate), 9

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14.3. Transport hazard class(es)

Class (UN) : 9

14.4. Packing group

Not applicable

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

Transport regulations (ADR) : Not subject

Classification code (UN) : M11

EAC code : 2Z

14.6.2. Transport by sea

No additional information available

14.6.3. Air transport

No additional information available

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Contains no REACH candidate substance

VOC content : 20 g/l

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

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

Eye Irrit. 2
Skin Irrit. 2
STOT SE 3

H315
H319
H335
R36/37/38
Xi

Serious eye damage/eye irritation, Category 2
Skin corrosion/irritation, Category 2
Specific target organ toxicity — Single exposure, Category 3,
Respiratory tract irritation
Causes skin irritation
Causes serious eye irritation
May cause respiratory irritation
Irritating to eyes, respiratory system and skin
Irritant

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



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according to Regulation (EC) No. 453/2010

MSDS Version: E02.00

Date of issue: 15/05/2014

Blend Version: 6

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

1.1. Product identifier

Product form : Mixture
Product name : Activator
Product code : WOUK B90087

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Activator

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Wynn Oil U.K. (ITW Additives UK)
Unit 4, Parbrook Close, Coventry
CV4 9XY West Midlands - UK
T 02476 472634
helpline@wynns.uk.com - <http://www.wynns.uk.com>

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Flam. Liq. 2	H225
Skin Irrit. 2	H315
STOT SE 3	H336
Asp. Tox. 1	H304
Aquatic Acute 1	H400
Aquatic Chronic 1	H410

Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC or 1999/45/EC

F; R11
Xn; R20/21/22
Xn; R65
Xi; R38
N; R50/53
R33

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

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2.2. Label elements

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

Hazard pictograms (CLP) :



GHS02



GHS07



GHS08



GHS09

Signal word (CLP) : Danger

Hazardous ingredients : n-heptane

Hazard statements (CLP) : H225 - Highly flammable liquid and vapour
H304 - May be fatal if swallowed and enters airways
H315 - Causes skin irritation
H336 - May cause drowsiness or dizziness
H410 - Very toxic to aquatic life with long lasting effects

Precautionary statements (CLP) : P102 - Keep out of reach of children
P405 - Store locked up
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P261 - Avoid breathing vapours
P273 - Avoid release to the environment
P280 - Wear protective gloves

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
n-heptane	(CAS No)142-82-5 (EC no)205-563-8 (EC index no)601-008-00-2 (REACH-no)01-2119457603-38	> 90	F; R11 Xn; R65 Xi; R38 R67 N; R50/53

2,6-di-tert-butyl-p-cresol	(CAS No)128-37-0 (EC no)204-881-4 (REACH-no)01-2119565113-46	1 - 10	N; R50/53
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N,N-dimethyl-p-toluidine	(CAS No)99-97-8 (EC no)202-805-4 (EC index no)612-056-00-9 (REACH-no)01-2119937766-23	1 - 5	T; R23/24/25 R33 R52/53
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Name	Product identifier	Specific concentration limits
N,N-dimethyl-p-toluidine	(CAS No)99-97-8 (EC no)202-805-4 (EC index no)612-056-00-9 (REACH-no)01-2119937766-23	(1 =< C < 5) Xn; R20/21/22 (5 =< C) T; R23/24/25

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
n-heptane	(CAS No)142-82-5 (EC no)205-563-8 (EC index no)601-008-00-2 (REACH-no)01-2119457603-38	> 90	Flam. Liq. 2, H225 Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
2,6-di-tert-butyl-p-cresol	(CAS No)128-37-0 (EC no)204-881-4 (REACH-no)01-2119565113-46	1 - 10	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
N,N-dimethyl-p-toluidine	(CAS No)99-97-8 (EC no)202-805-4 (EC index no)612-056-00-9 (REACH-no)01-2119937766-23	1 - 5	Acute Tox. 3 (Inhalation), H331 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Oral), H301 STOT RE 2, H373 Aquatic Chronic 3, H412

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Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Check the vital functions. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim conscious with laboured breathing: half-seated. Vomiting: prevent asphyxia/aspiration pneumonia. Victim in shock: on his back with legs slightly raised. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital.
First-aid measures after inhalation	: Remove victim to fresh air. Respiratory problems: consult a doctor/medical service.
First-aid measures after skin contact	: After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap. Take victim to a doctor if irritation persists.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Take victim to an ophthalmologist if irritation persists.
First-aid measures after ingestion	: Rinse mouth thoroughly with water. Do not induce vomiting. Ingestion of large quantities: immediately to hospital.

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

Symptoms/injuries after skin contact	: skin corrosion/irritation. Repeated or prolonged skin contact may cause dermatitis and defatting.
Symptoms/injuries after ingestion	: Harmful if swallowed. Headache. Abdominal pain. Risk of aspiration pneumonia. May be fatal if swallowed and enters airways.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Foam. BC powder.
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5.2. Special hazards arising from the substance or mixture

Fire hazard	: Highly flammable liquid and vapour. This material can accumulate static charge by flow or agitation and can be ignited by static discharge.
Explosion hazard	: No direct explosion hazard.

5.3. Advice for firefighters

Firefighting instructions	: Prevent fire-fighting water from entering environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Use special care to avoid static electric charges. No naked lights. No smoking.
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6.1.1. For non-emergency personnel

Protective equipment	: Safety glasses. Face-shield. Gloves. protective clothing.
Emergency procedures	: Mark the danger area. Seal off low-lying areas. Large spills/in enclosed spaces: compressed air apparatus. Wash contaminated clothes.

6.1.2. For emergency responders

Protective equipment	: Equip cleanup crew with proper protection.
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6.2. Environmental precautions

Prevent spreading in sewers. Prevent soil and water pollution.

6.3. Methods and material for containment and cleaning up

For containment	: Contain leaking substance, pump over in suitable containers.
Methods for cleaning up	: Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Clean with detergents. Avoid solvent cleaners.

6.4. Reference to other sections

No additional information available

Activator

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according to Regulation (EC) No. 453/2010

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : meet the legal requirements. Repeated or prolonged contact with the product may lead to removal of natural fats from the skin. No particular risk when handled in accordance with good occupational hygiene practice.
- Hygiene measures : Observe normal hygiene standards. IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Meet the legal requirements. Keep container tightly closed. Protect from sunlight. Store in a well-ventilated place.
- Storage temperature : < 45 °C
- Storage area : Meet the legal requirements. Ventilation at floor level. Keep container tightly closed in a cool, well-ventilated place.
- Special rules on packaging : Keep only in original container. correctly labelled.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

n-heptane (142-82-5)

EU	IOELV TWA (mg/m ³)	2085 mg/m ³
EU	IOELV TWA (ppm)	500 ppm
Belgium	Limit value (mg/m ³)	1664 mg/m ³
Belgium	Limit value (ppm)	400 ppm
Belgium	Short time value (mg/m ³)	2085 mg/m ³
Belgium	Short time value (ppm)	500 ppm

2,6-di-tert-butyl-p-cresol (128-37-0)

Belgium	Limit value (mg/m ³)	2 mg/m ³
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8.2. Exposure controls

- Personal protective equipment : Gloves. Safety glasses.



- Hand protection : neoprene. nitrile. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer.

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according to Regulation (EC) No. 453/2010

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Clear.
Colour	: Colourless.
Odour	: characteristic.
Odour threshold	: No data available
pH	:
Relative evaporation rate (butylacetate=1)	: No data available
refraction index	:
Melting point	: No data available
Freezing point	: No data available
Boiling point	: > 70 °C
Flash point	: -11 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 0,72
Solubility	: Insoluble in water.
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic @40°C	: < 7 mm²/s
Viscosity, dynamic @40°C	: No data available
Viscosity	:
Viscosity Index	:
Explosive properties	: No data available
Oxidising properties	: Non oxidizing material according to EC criteria.
Explosive limits	: No data available

9.2. Other information

Additional information	: The physical and chemical data in this section are typical values for this product and are not intended as product specifications.
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SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Keep away from: strong oxidants and strong acids.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

On burning: release of harmful/irritant gases/vapours e.g.: carbon monoxide - carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Harmful: may cause lung damage if swallowed.
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N,N-dimethyl-p-toluidine (99-97-8)

ATE CLP (oral)	100,000 mg/kg bodyweight
ATE CLP (dermal)	300,000 mg/kg bodyweight

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N,N-dimethyl-p-toluidine (99-97-8)

ATE CLP (gases)	700,000 ppmv/4h
ATE CLP (vapours)	3,000 mg/l/4h
ATE CLP (dust,mist)	0,500 mg/l/4h

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: May cause drowsiness or dizziness.
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: May cause long lasting harmful effects to aquatic life.
Ecology - water	: Very toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

2,6-di-tert-butyl-p-cresol (128-37-0)

Persistence and degradability	Not readily biodegradable in water. Biodegradable in the soil. Adsorbs into the soil. Photooxidation in the air.
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12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

2,6-di-tert-butyl-p-cresol (128-37-0)

Ecology - soil	May be harmful to plant growth, blooming and fruit formation.
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12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations	: Remove to an authorized waste treatment plant.
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SECTION 14: Transport information

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

14.1. UN number

UN-No.	: 1993
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14.2. UN proper shipping name

Proper Shipping Name	: FLAMMABLE LIQUID, N.O.S.
Transport document description	: UN 1993 FLAMMABLE LIQUID, N.O.S. (heptane), 3, II, (D/E)

14.3. Transport hazard class(es)

Class (UN)	: 3
Hazard labels (UN)	: 3



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14.4. Packing group

Packing group (UN) : II

14.5. Environmental hazards

Dangerous for the environment :



Other information : No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

Hazard identification number (Kemler No.) : 33

Classification code (UN) : F1

Orange plates :



Special provision (ADR) : 274, 601, 640D

Transport category (ADR) : 2

Tunnel restriction code : D/E

Limited quantities (ADR) : 1L

Excepted quantities (ADR) : E2

EAC code : •3YE

14.6.2. Transport by sea

EmS-No. (1) : F-E, S-E

14.6.3. Air transport

Instruction "cargo" (ICAO) : 364

Instruction "passenger" (ICAO) : 353

Instruction "passenger" - Limited quantities (ICAO) : Y341

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Contains no REACH candidate substance

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Activator

Safety Data Sheet

according to Regulation (EC) No. 453/2010

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

Acute Tox. 3 (Dermal)
Acute Tox. 3 (Inhalation)
Acute Tox. 3 (Oral)
Aquatic Acute 1

Aquatic Chronic 1

Aquatic Chronic 3

Asp. Tox. 1
Flam. Liq. 2
Skin Irrit. 2
STOT RE 2

STOT SE 3

H225
H301
H304
H311
H315
H331
H336
H373

H400
H410
H412
R11
R20/21/22
R23/24/25
R33
R38
R50/53

R52/53

R65
R67
F
N
T
Xi
Xn

Acute toxicity (dermal), Category 3
Acute toxicity (inhal.), Category 3
Acute toxicity (oral), Category 3
Hazardous to the aquatic environment — Acute Hazard, Category 1
Hazardous to the aquatic environment — Chronic Hazard, Category 1
Hazardous to the aquatic environment — Chronic Hazard, Category 3
Aspiration hazard, Category 1
Flammable liquids, Category 2
Skin corrosion/irritation, Category 2
Specific target organ toxicity — Repeated exposure, Category 2
Specific target organ toxicity — Single exposure, Category 3, Narcosis
Highly flammable liquid and vapour
Toxic if swallowed
May be fatal if swallowed and enters airways
Toxic in contact with skin
Causes skin irritation
Toxic if inhaled
May cause drowsiness or dizziness
May cause damage to organs through prolonged or repeated exposure
Very toxic to aquatic life
Very toxic to aquatic life with long lasting effects
Harmful to aquatic life with long lasting effects
Highly flammable
Harmful by inhalation, in contact with skin and if swallowed
Toxic by inhalation, in contact with skin and if swallowed
Danger of cumulative effects
Irritating to skin
Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
Harmful: may cause lung damage if swallowed
Vapours may cause drowsiness and dizziness
Highly flammable
Dangerous for the environment
Toxic
Irritant
Harmful

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