

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Product name:** ACETONE**REACH registered number(s):** 01-2119471330-49**CAS number:** 67-64-1**EINECS number:** 200-662-2**Index number:** 2020**Synonyms:** PROPANONE**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Use of substance / mixture: PC39: Cosmetics, personal care products. Blowing Agents Manufacture of substance. Distribution of substance. Uses in coatings. Use in cleaning agents. Laboratories. Use in oil and gas field drilling and production operations. use of release agents and binders. Mining chemicals. Polymer Processing. Rubber Production and processing.

1.3. Details of the supplier of the safety data sheet**Company name:** Leading Solvents

Marston Business Park

Rudgate

Tockwith

York

YO26 7QF

Tel: 01423 358058**Fax:** 01423 358923**Email:** enquiries@leading-solvents.co.uk**1.4. Emergency telephone number****Emergency tel:** 01423 358058 (Office Hours Only)**Section 2: Hazards identification****2.1. Classification of the substance or mixture****Classification under CLP:** Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066**Most important adverse effects:** Repeated exposure may cause skin dryness or cracking. Highly flammable liquid and vapour. Causes serious eye irritation. May cause drowsiness or dizziness.**2.2. Label elements****Label elements:****Hazard statements:** EUH066: Repeated exposure may cause skin dryness or cracking.

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H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

Hazard pictograms: GHS02: Flame

GHS07: Exclamation mark



Signal words: Danger

Precautionary statements: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P241: Use explosion-proof electrical/ventilating/lighting equipment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with 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.

2.3. Other hazards

Other hazards: In use, may form flammable / explosive vapour-air mixture.

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.1. Substances

Chemical identity: ACETONE

CAS number: 67-64-1

EINECS number: 200-662-2

REACH registered number(s): 01-2119471330-49

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

[cont...]

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Highly flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

[cont...]

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Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.
Do not handle in a confined space. Avoid the formation or spread of mists in the air.
Smoking is forbidden. Use non-sparking tools.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area.
Ensure lighting and electrical equipment are not a source of ignition.

Suitable packaging: Original container stored in a dry and cool place.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1210 mg/m ³	3620 mg/m ³	-	-

Hazardous ingredients:

ACETONE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1210 mg/m ³	3620 mg/m ³	-	-

DNEL/PNEC Values

ACETONE

Type	Exposure	Value	Population	Effect
DNEL	Oral	62mg/kg bw/day	Consumers	Systemic
DNEL	Dermal	186mg/kg bw/day	Workers	Systemic
DNEL	Inhalation	2420 mg/m ³	Workers	Local
DNEL	Inhalation	200 mg/m ³	Consumers	Systemic
PNEC	Fresh water	10.6 mg/l	-	-
PNEC	Fresh water sediments	30.4 mg/kg	-	-

[cont...]

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PNEC	Marine sediments	3.04mg/kg	-	-
PNEC	Marine water	1.06mg/l	-	-
PNEC	Soil (agricultural)	29.5 mg/kg	-	-

Hazardous ingredients:

ACETONE

Type	Exposure	Value	Population	Effect
DNEL	Oral	62mg/kg bw/day	Consumers	Systemic
DNEL	Dermal	186mg/kg bw/day	Workers	Systemic
DNEL	Inhalation	2420 mg/m ³	Workers	Local
DNEL	Inhalation	200 mg/m ³	Consumers	Systemic
PNEC	Fresh water	10.6 mg/l	-	-
PNEC	Fresh water sediments	30.4 mg/kg	-	-
PNEC	Marine sediments	3.04mg/kg	-	-
PNEC	Marine water	1.06mg/l	-	-
PNEC	Soil (agricultural)	29.5 mg/kg	-	-

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Respiratory protection: Respiratory protection may be required if excessive airborne contamination occurs. Filter type ABEK1 protects against Organic/Inorganic Vapours.

Hand protection: Acceptable glove barrier materials include: Butyl rubber, Rubber (natural latex), Nitrile rubber, Polyvinyl alcohol (PVA). It should be noted that liquid may penetrate the gloves, frequent changes are recommended.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Chemical resistant protective clothing according to DIN EN13034 (Type 6)

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Pungent

Evaporation rate: Moderate

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Highly soluble

Also soluble in: Most organic solvents.

Viscosity: Non-viscous

Boiling point/range°C: 56-58

Melting point/range°C: -95

Flammability limits %: lower: 2.60

upper: 13.0

Flash point°C: -18

[cont...]

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Autoflammability°C: 465

Relative density: 0.793

VOC g/l: No data available.

Part.coeff. n-octanol/water: 0.24@20°C

Vapour pressure: 24.70kPa@20C

pH: 5-6

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions. Stable at room temperature.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat. Hot surfaces. Sources of ignition. Flames.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

ACETONE

IVN	RAT	LD50	5500	mg/kg
ORL	MUS	LD50	3000	mg/kg
ORL	RAT	LD50	5800	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated

[cont...]

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Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

ACETONE

BLUEGILL (<i>Lepomis macrochirus</i>)	LC50	8300	mg/l
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12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Recovery operations: Use principally as a fuel or other means to generate energy.

Waste code number: 07 01 04

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN1090

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14.2. UN proper shipping name

Shipping name: ACETONE
(ACETONE)

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: II

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 2

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: Since emptied containers retain product residue, follow label warnings even after container is emptied. residual vapours may explode on ignition, do not cut, drill, grind or weld on or near this container.

Phrases used in s.2 and s.3: EUH066: Repeated exposure may cause skin dryness or cracking.

H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Product name:** PANELWIPE 3**REACH registered number(s):** 01-2119473851-33**CAS number:** 64742-49-0**EINECS number:** 265-151-9**Index number:** 2020F**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of substance / mixture:** Uses in coatings. Use in cleaning agents. Use in metal working fluids / Rolling oils. Use as a functional fluid. Laboratories. Road and construction applications.**1.3. Details of the supplier of the safety data sheet****Company name:** Leading Solvents
Marston Business Park
Rudgate
Tockwith
York
YO26 7QF
Tel: 01423 358058
Fax: 01423 358923
Email: enquiries@leading-solvents.co.uk**1.4. Emergency telephone number****Emergency tel:** 01423 358058 (Office Hours Only)**Section 2: Hazards identification****2.1. Classification of the substance or mixture****Classification under CLP:** Flam. Liq. 2: H225; Asp. Tox. 1: H304; Skin Irrit. 2: H315; STOT SE 3: H336; Aquatic Chronic 2: H411; -: EUH066**Most important adverse effects:** Highly flammable liquid and vapour. May be fatal if swallowed and enters airways. Causes skin irritation. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects. Repeated exposure may cause skin dryness or cracking.**2.2. Label elements****Label elements:****Hazard statements:** H225: Highly flammable liquid and vapour.
H304: May be fatal if swallowed and enters airways.

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H315: Causes skin irritation.

H336: May cause drowsiness or dizziness.

H411: Toxic to aquatic life with long lasting effects.

EUH066: Repeated exposure may cause skin dryness or cracking.

Hazard pictograms: GHS02: Flame

GHS08: Health hazard

GHS09: Environmental

GHS07: Exclamation mark



Signal words: Danger

Precautionary statements: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P243: Take action to prevent static discharges.

P403+P235: Store in a well-ventilated place. Keep cool.

P331: Do NOT induce vomiting.

P273: Avoid release to the environment.

2.3. Other hazards

Other hazards: In use, may form flammable / explosive vapour-air mixture.

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.1. Substances

Chemical identity: HYDROCARBONS,C7-C9,N-ALKANES,ISOALKANES,CYCLICS

CAS number: 64742-49-0

EINECS number: 265-151-9

REACH registered number(s): 01-2119473851-33

Contains: Substance contains less than 0.1%w/w benzene.

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues

Ingestion: Wash out mouth with water. Consult a doctor.

[cont...]

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Inhalation: Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete, seek medical advice.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Highly flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

[cont...]

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6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.
Do not handle in a confined space. Avoid the formation or spread of mists in the air.
Smoking is forbidden. Use non-sparking tools.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area.
Ensure lighting and electrical equipment are not a source of ignition.

Suitable packaging: Original container stored in a dry and cool place.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits:

State	Respirable dust	
	8 hour TWA	15 min. STEL
UK	1200 mg/m ³	-

Hazardous ingredients:

HYDROCARBONS,C7-C9,N-ALKANES,ISOALKANES,CYCLICS

Workplace exposure limits:

State	Respirable dust	
	8 hour TWA	15 min. STEL
UK	1200 mg/m ³	-

DNEL/PNEC Values

PANELWIPE 3

Type	Exposure	Value	Population	Effect
DNEL	Dermal	773 mg/kg/day	Workers	Systemic
DNEL	Inhalation	2035 mg/m ³	Workers	Systemic
DNEL	Dermal	699 mg/kg/day	Consumers	Systemic
DNEL	Inhalation	608 mg/m ³	Consumers	Systemic

[cont...]

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DNEL	Oral	699 mg/m3	Consumers	Systemic
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Hazardous ingredients:

HYDROCARBONS,C7-C9,N-ALKANES,ISOALKANES,CYCLICS

Type	Exposure	Value	Population	Effect
DNEL	Dermal	773 mg/kg/day	Workers	Systemic
DNEL	Inhalation	2035 mg/m3	Workers	Systemic
DNEL	Dermal	699 mg/kg/day	Consumers	Systemic
DNEL	Inhalation	608 mg/m3	Consumers	Systemic
DNEL	Oral	699 mg/m3	Consumers	Systemic

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Respiratory protection: If exposure levels are likely to be exceeded, use a full face mask fitted with an organic AXP3 filter for short term low level exposures. For long term or high level exposures, compressed airline breathing apparatus should be used.

Hand protection: Acceptable glove barrier materials include: Butyl rubber, Rubber (natural latex), Nitrile rubber, Polyvinyl alcohol (PVA). It should be noted that liquid may penetrate the gloves, frequent changes are recommended.

Eye protection: Safety goggles. Safety glasses. Ensure eye bath is to hand.

Skin protection: Chemical resistant protective clothing according to DIN EN13034 (Type 6)

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Paraffinic

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: Insoluble

Also soluble in: Most organic solvents.

Viscosity: No data available.

Kinematic viscosity: <7mm²/s@40

Boiling point/range°C: 100-125

Melting point/range°C: < -20

Flammability limits %: lower: 0.8

upper: 6.8

Flash point°C: -7

Part. coeff. n-octanol/water: No data available.

Autoflammability°C: >220

Vapour pressure: <31hPa@20C

Relative density: 0.730

pH: No data available.

VOC g/l: No data available.

[cont...]

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9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions. Stable at room temperature.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat. Hot surfaces. Sources of ignition. Flames.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated
Aspiration hazard	-	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

[cont...]

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12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN3295

14.2. UN proper shipping name

Shipping name: HYDROCARBONS, LIQUID, N.O.S.
(HYDROCARBONS,C7-C9,N-ALKANES,ISOALKANES,CYCLICS)

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: II

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: Yes

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 2

[cont...]

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Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: EUH066: Repeated exposure may cause skin dryness or cracking.

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.

H411: Toxic to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Product name:** STANDARD THINNERS**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of substance / mixture:** Cleaning Agent/Cleaner.**1.3. Details of the supplier of the safety data sheet****Company name:** Leading Solvents

Marston Business Park

Rudgate

Tockwith

York

YO26 7QF

Tel: 01423 358058**Fax:** 01423 358923**Email:** enquiries@leading-solvents.co.uk**1.4. Emergency telephone number****Emergency tel:** 01423 358058 (Office Hours Only)**Section 2: Hazards identification****2.1. Classification of the substance or mixture****Classification under CLP:** Flam. Liq. 2: H225; Asp. Tox. 1: H304; Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H336; Repr. 2: H361fd; STOT SE 2: H371; Aquatic Chronic 2: H411**Most important adverse effects:** Highly flammable liquid and vapour. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of damaging fertility. Suspected of damaging the unborn child. May cause damage to organs (central nervous system). Toxic to aquatic life with long lasting effects.**2.2. Label elements****Label elements:****Hazard statements:** 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.

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H361fd: Suspected of damaging fertility. Suspected of damaging the unborn child.

H371: May cause damage to organs (central nervous system).

H411: Toxic to aquatic life with long lasting effects.

Hazard pictograms: GHS02: Flame

GHS07: Exclamation mark

GHS08: Health hazard

GHS09: Environmental



Signal words: Danger

Precautionary statements: P202: Do not handle until all safety precautions have been read and understood.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P331: Do NOT induce vomiting.

P273: Avoid release to the environment.

2.3. Other hazards

Other hazards: In use, may form flammable / explosive vapour-air mixture.

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

TOLUENE - REACH registered number(s): 01-2119471310-51

EINECS	CAS	PBT / WEL	CLP Classification	Percent
203-625-9	108-88-3	-	Flam. Liq. 2: H225; Repr. 2: H361d; Asp. Tox. 1: H304; STOT RE 2: H373; Skin Irrit. 2: H315; STOT SE 3: H336	10-30%

XYLENE - REACH registered number(s): 01-2119488216-32

215-535-7	1330-20-7	-	Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Skin Irrit. 2: H315	10-30%
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N-BUTYL ACETATE - REACH registered number(s): 01-2119485493-29

204-658-1	123-86-4	-	Flam. Liq. 3: H226; STOT SE 3: H336; -: EUH066	1-10%
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[cont...]

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ETHYL ACETATE - REACH registered number(s): 01-2119475103-46

205-500-4	141-78-6	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	1-10%
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ACETONE - REACH registered number(s): 01-2119471330-49

200-662-2	67-64-1	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	1-10%
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ETHYLBENZENE - REACH registered number(s): 01-2119489370-35

202-849-4	100-41-4	-	Flam. Liq. 2: H225; Acute Tox. 4: H332; STOT RE 2: H373; Asp. Tox. 1: H304	1-10%
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BUTAN-2-OL - REACH registered number(s): 01-2119475146-36

201-158-5	78-92-2	-	Flam. Liq. 3: H226; Eye Irrit. 2: H319; STOT SE 3: H335; STOT SE 3: H336	1-10%
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HEPTANE - REACH registered number(s): 01-2119457603-38

205-563-8	142-82-5	-	Flam. Liq. 2: H225; Asp. Tox. 1: H304; Skin Irrit. 2: H315; STOT SE 3: H336; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	1-10%
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ETHYL METHYL KETONE - REACH registered number(s): 01-2119457290-43

201-159-0	78-93-3	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	1-10%
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N-HEXANE - REACH registered number(s): 01-2119474209-33

203-777-6	110-54-3	-	Flam. Liq. 2: H225; Repr. 2: H361f; Asp. Tox. 1: H304; STOT RE 2: H373; Skin Irrit. 2: H315; STOT SE 3: H336; Aquatic Chronic 2: H411	1-10%
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ETHANOL - REACH registered number(s): 01-2119475610-43

200-578-6	64-17-5	Substance with a Community workplace exposure limit.	Flam. Liq. 2: H225	1-10%
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PROPAN-2-OL - REACH registered number(s): 01-2119457558-25

200-661-7	67-63-0	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	1-10%
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ISOPROPYL ACETATE - REACH registered number(s): 01-2119537214-46

203-561-1	108-21-4	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	1-10%
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METHYL ACETATE - REACH registered number(s): 01-2119459211-47

201-185-2	79-20-9	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	1-10%
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[cont...]

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METHANOL - REACH registered number(s): 01-2119433307-44

200-659-6	67-56-1	-	Flam. Liq. 2: H225; Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; STOT SE 1: H370	1-10%
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4-METHYLPENTAN-2-ONE - REACH registered number(s): 01-2119473980-30

203-550-1	108-10-1	-	Flam. Liq. 2: H225; Acute Tox. 4: H332; Eye Irrit. 2: H319; STOT SE 3: H335; -: EUH066	1-10%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin.

Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

Eye contact: Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues

Ingestion: Wash out mouth with water. If patient is conscious, give water to drink. If patient feels unwell, seek medical advice. DO NOT INDUCE VOMITING.

Inhalation: Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete, seek medical advice.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Alcohol or polymer foam. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Highly flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.

[cont...]

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5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

Suitable packaging: Original container stored in a dry and cool place.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

[cont...]

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Hazardous ingredients:

TOLUENE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	191 mg/m3	384 mg/m3	-	-

XYLENE

UK	220 mg/m3	441 mg/m3	-	-
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N-BUTYL ACETATE

UK	724	966	-	-
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ETHYL ACETATE

UK	200 ppm	400 ppm	-	-
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ACETONE

UK	1210 mg/m3	3620 mg/m3	-	-
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ETHYLBENZENE

UK	441 mg/m3	552 mg/m3	-	-
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BUTAN-2-OL

UK	308 mg/m3	462 mg/m3	-	-
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HEPTANE

UK	2100 mg/m3	8400 mg/m3	-	-
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ETHYL METHYL KETONE

UK	600 mg/m3	899 mg/m3	-	-
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N-HEXANE

UK	72 mg/m3	No List	-	-
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PROPAN-2-OL

UK	999 mg/m3	1250 mg/m3	-	-
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ISOPROPYL ACETATE

UK	no std	849 mg/m3	-	-
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METHYL ACETATE

UK	616 mg/m3	770 mg/m3	-	-
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METHANOL

UK	266 mg/m3	333 mg/m3	-	-
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4-METHYLPENTAN-2-ONE

UK	208 mg/m3	416 mg/m3	-	-
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DNEL/PNEC Values

Hazardous ingredients:

TOLUENE

Type	Exposure	Value	Population	Effect
DNEL	Oral	8.13 mg/kg bw/day	Consumers	Systemic
DNEL	Dermal	384 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation	226 mg/l	Consumers	Local
DNEL	Inhalation	226 mg/l	Consumers	Systemic
DNEL	Inhalation	384 mg/m ³	Workers	Systemic
DNEL	Inhalation	384 mg/m ³	Workers	Local
PNEC	Fresh water	0.68 mg/l	-	-
PNEC	Fresh water sediments	16.39 mg/kg	-	-
PNEC	Microorganisms in sewage treatment	13.61 mg/l	-	-
PNEC	Soil (agricultural)	2.89 mg/kg	-	-

XYLENE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	442 mg/m ³	Workers	Local
DNEL	Inhalation	180 mg/kg/day	Workers	Systemic
DNEL	Dermal	3182 mg/kg/day	Workers	Systemic
PNEC	Fresh water	0.327 mg/l	-	-
PNEC	Fresh water sediments	12.46 mg/kg	-	-
PNEC	Marine sediments	12.46 mg/kg	-	-
PNEC	Soil (agricultural)	2.31 mg/kg	-	-
PNEC	Microorganisms in sewage treatment	6.58 mg/l	-	-

N-BUTYL ACETATE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	960 mg/m ³	Workers	Local
DNEL	Inhalation	480 mg/m ³	Workers	Systemic
DNEL	Inhalation	859.7 mg/m ³	Consumers	Local
DNEL	Inhalation	102.34	Consumers	Systemic
PNEC	Fresh water	0.18 mg/l	-	-
PNEC	Marine water	0.018 mg/l	-	-
PNEC	Microorganisms in sewage treatment	35.6 mg/l	-	-
PNEC	Fresh water sediments	0.981 mg/kg	-	-

[cont...]

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PNEC	Marine sediments	0.0981 mg/kg	-	-
PNEC	Soil (agricultural)	0.0903 mg/kg	-	-

ETHYL ACETATE

Type	Exposure	Value	Population	Effect
DNEL	Oral	4.5 mg/kg bw/day	Consumers	Systemic
DNEL	Dermal	37 mg/kg bw/day	Consumers	Systemic
DNEL	Dermal	63 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation	734 mg/m ³	Consumers	Local
DNEL	Inhalation	734 mg/m ³	Consumers	Systemic
DNEL	Inhalation	1468 mg/m ³	Workers	Systemic
DNEL	Inhalation	1468 mg/m ³	Workers	Local
DNEL	Inhalation	367 mg/m ³	Consumers	Local
DNEL	Inhalation	734 mg/m ³	Workers	Local
DNEL	Inhalation	367 mg/m ³	Consumers	Systemic
DNEL	Inhalation	734 mg/m ³	Workers	Systemic
PNEC	Fresh water	0.26 mg/l	-	-
PNEC	Fresh water sediments	1.25 mg/kg	-	-
PNEC	Marine sediments	0.125 mg/kg	-	-
PNEC	Marine water	0.026 mg/l	-	-
PNEC	Soil (agricultural)	0.24 mg/kg	-	-

ACETONE

Type	Exposure	Value	Population	Effect
DNEL	Oral	62mg/kg bw/day	Consumers	Systemic
DNEL	Dermal	186mg/kg bw/day	Workers	Systemic
DNEL	Inhalation	2420 mg/m ³	Workers	Local
DNEL	Inhalation	200 mg/m ³	Consumers	Systemic
PNEC	Fresh water	10.6 mg/l	-	-
PNEC	Fresh water sediments	30.4 mg/kg	-	-
PNEC	Marine sediments	3.04mg/kg	-	-
PNEC	Marine water	1.06mg/l	-	-
PNEC	Soil (agricultural)	29.5 mg/kg	-	-

N-HEXANE

Type	Exposure	Value	Population	Effect
DNEL	Dermal	13 mg/kg/day	Workers	Systemic
DNEL	Inhalation	93 mg/m ³	Workers	Systemic
DNEL	Inhalation	20 mg/m ³	Consumers	Systemic
DNEL	Dermal	7 mg/kg/day	Consumers	Systemic

[cont...]

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DNEL	Oral	6 mg/kg/day	Consumers	Systemic
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ISOPROPYL ACETATE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	840 mg/m ³	Workers	Local
DNEL	Dermal	43 mg/kg/day	Workers	Systemic
DNEL	Inhalation	420 mg/m ³	Workers	Systemic
DNEL	Inhalation	420 mg/m ³	Consumers	Local
DNEL	Dermal	26 mg/kg/day	Consumers	Systemic
DNEL	Inhalation	50 mg/m ³	Consumers	Systemic
DNEL	Oral	26 mg/kg/day	Consumers	Systemic
PNEC	Fresh water	0.22 mg/l	-	-
PNEC	Marine water	0.02 mg/l	-	-
PNEC	Fresh water sediments	1.14 mg/kg	-	-
PNEC	Marine sediments	0.114 mg/kg	-	-
PNEC	Soil (agricultural)	0.32 mg/kg	-	-

METHANOL

Type	Exposure	Value	Population	Effect
DNEL	Dermal	40 mg/kg/day	Workers	Systemic
DNEL	Inhalation	260 mg/m ³	Workers	Systemic
DNEL	Dermal	40 mg/kg/day	Workers	Local
DNEL	Inhalation	260 mg/m ³	Workers	Local
DNEL	Dermal	8 mg/kg/day	Consumers	Systemic
DNEL	Inhalation	50 mg/m ³	Consumers	Systemic
DNEL	Oral	8 mg/kg/day	Consumers	Local

8.2. Exposure controls

Engineering measures: Ensure lighting and electrical equipment are not a source of ignition. Provide adequate ventilation, including appropriate local extraction. In case of insufficient ventilation, where exposure to high concentrations of vapour is possible, suitable respiratory protective equipment with positive air supply should be used.

Respiratory protection: Respiratory protection may be required if excessive airborne contamination occurs. Organic vapour filter, EN 136/140/145/143/149

Hand protection: Acceptable glove barrier materials include: Butyl rubber, Rubber (natural latex), Nitrile rubber, Polyvinyl alcohol (PVA). It should be noted that liquid may penetrate the gloves, frequent changes are recommended.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Solvent resistant protective clothing.

Environmental: Prevent from entering in public sewers or the immediate environment.

[cont...]

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Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State:	Liquid		
Colour:	Off-white		
Odour:	Perceptible odour		
Evaporation rate:	Moderate		
Oxidising:	Non-oxidising (by EC criteria)		
Solubility in water:	Slightly soluble		
Also soluble in:	Most organic solvents.		
Viscosity:	Non-viscous		
Boiling point/range°C:	55-160	Melting point/range°C:	No data available.
Flammability limits %: lower:	1.1	upper:	12.8
Flash point°C:	-18 (Variable)	Part.coeff. n-octanol/water:	No data available.
Autoflammability°C:	>203	Vapour pressure:	No data available.
Relative density:	0.831-0.881	pH:	7.71
VOC g/l:	No data available.		

9.2. Other information

Other information: Flash Point- Material is a mixture of solvents. The flashpoint given is for the constituent with the lowest flashpoint. Boiling Point range- Material is a mixture of solvents that can vary, this will affect the initial and final boiling point of the mixture. The range stated is to be taken as typical.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Hot surfaces. Heat. Sources of ignition. Flames.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

[cont...]

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Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

TOLUENE

DERMAL	RBT	LD50	>5000	mg/kg
ORAL	RAT	LD50	>5000	mg/kg
VAPOURS	RAT	4H LC50	>20	mg/l

XYLENE

ORL	MUS	LD50	2119	mg/kg
ORL	RAT	LD50	4300	mg/kg
SCU	RAT	LD50	1700	mg/kg

N-BUTYL ACETATE

ORL	RAT	LD50	10768	mg/kg
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ETHYL ACETATE

ORL	MUS	LD50	4100	mg/kg
ORL	RAT	LD50	5620	mg/kg
SCU	RAT	LDLO	5	gm/kg

ACETONE

IVN	RAT	LD50	5500	mg/kg
ORL	MUS	LD50	3000	mg/kg
ORL	RAT	LD50	5800	mg/kg

ETHYLBENZENE

IPR	MUS	LD50	2624	µl/kg
ORL	RAT	LD50	3500	mg/kg

BUTAN-2-OL

IVN	RAT	LD50	138	mg/kg
ORL	RAT	LD50	2193	mg/kg
SKN	RAT	LD50	>2	gm/kg

[cont...]

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HEPTANE

IVN	MUS	LD50	222	mg/kg
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N-HEXANE

IPR	RAT	LDLO	9100	mg/kg
IVN	MUS	LDLO	831	mg/kg
ORL	RAT	LD50	25	gm/kg

ETHANOL

IVN	RAT	LD50	1440	mg/kg
ORL	MUS	LD50	3450	mg/kg
ORL	RAT	LD50	7060	mg/kg

PROPAN-2-OL

IVN	RAT	LD50	1088	mg/kg
ORL	MUS	LD50	3600	mg/kg
ORL	RAT	LD50	5045	mg/kg
SCU	MUS	LDLO	6	gm/kg

ISOPROPYL ACETATE

IVN	RAT	LDLO	174	mg/kg
ORL	RAT	LD50	6750	mg/kg

METHYL ACETATE

ORL	RAT	LD50	>5	gm/kg
SCU	RAT	LDLO	8	gm/kg

METHANOL

IVN	RAT	LD50	2131	mg/kg
ORL	MUS	LD50	7300	mg/kg
ORL	RAT	LD50	5628	mg/kg

4-METHYLPENTAN-2-ONE

IPR	RAT	LD50	400	mg/kg
ORL	MUS	LD50	1900	mg/kg
ORL	RAT	LD50	2080	mg/kg

[cont...]

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Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Reproductive toxicity	--	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated
Aspiration hazard	-	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

ETHYL ACETATE

FISH	96H LC50	230	mg/l
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ACETONE

BLUEGILL (<i>Lepomis macrochirus</i>)	LC50	8300	mg/l
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12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

[cont...]

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Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN1263

14.2. UN proper shipping name

Shipping name: PAINT RELATED MATERIAL

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: II

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: Yes

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 2

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: EUH066: Repeated exposure may cause skin dryness or cracking.

[cont...]

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H225: Highly flammable liquid and vapour.
H226: Flammable liquid and vapour.
H301: Toxic if swallowed.
H304: May be fatal if swallowed and enters airways.
H311: Toxic in contact with skin.
H312: Harmful in contact with skin.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H331: Toxic if inhaled.
H332: Harmful if inhaled.
H335: May cause respiratory irritation.
H336: May cause drowsiness or dizziness.
H361d: Suspected of damaging the unborn child.
H361f: Suspected of damaging fertility.
H361fd: Suspected of damaging fertility. Suspected of damaging the unborn child.
H370: Causes damage to organs ({{{0||message=<or state all organs affected, if known>||filter=()?ORGAN_.+}}}) ({{{1||message=<state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>||filter=()?EXP_ROUTE_.+}}}).
H371: May cause damage to organs ({{{0||message=<or state all organs affected, if known>||filter=()?ORGAN_.+}}}) ({{{1||message=<state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>||filter=()?EXP_ROUTE_.+}}}).
H373: May cause damage to organs ({{{0||message=<or state all organs affected, if known>||filter=()?ORGAN_.+}}}) through prolonged or repeated exposure ({{{1||message=<state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>||filter=()?EXP_ROUTE_.+}}}).
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.
H411: Toxic to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Product name:** TAR AND GLUE REMOVER**REACH registered number(s):** 01-2119488216-32**CAS number:** 1330-20-7**EINECS number:** 215-535-7**Index number:** 601-022-00-9**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of substance / mixture:** Use in cleaning agents. Road and construction applications.**1.3. Details of the supplier of the safety data sheet****Company name:** Leading Solvents

Marston Business Park

Rudgate

Tockwith

York

YO26 7QF

Tel: 01423 358058**Fax:** 01423 358923**Email:** enquiries@leading-solvents.co.uk**1.4. Emergency telephone number****Emergency tel:** 01423 358058 (Office Hours Only)**Section 2: Hazards identification****2.1. Classification of the substance or mixture****Classification under CLP:** Flam. Liq. 3: H226; STOT RE 2: H373; Asp. Tox. 1: H304; Acute Tox. 4: H312; Acute Tox. 4: H332; Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335**Most important adverse effects:** Flammable liquid and vapour. Harmful in contact with skin. Harmful if inhaled. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. May be fatal if swallowed and enters airways. May cause damage to organs through prolonged or repeated exposure.**2.2. Label elements****Label elements:****Hazard statements:** H226: Flammable liquid and vapour.

H312: Harmful in contact with skin.

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H332: Harmful if inhaled.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

H304: May be fatal if swallowed and enters airways.

H373: May cause damage to organs through prolonged or repeated exposure.

Hazard pictograms: GHS07: Exclamation mark

GHS02: Flame

GHS08: Health hazard



Signal words: Danger

Precautionary statements: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261: Avoid breathing vapours.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+310: IF SWALLOWED: Immediately call a.

P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water/shower.

P332+313: If skin irritation occurs: Get medical advice/attention.

2.3. Other hazards

Other hazards: In use, may form flammable / explosive vapour-air mixture.

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.1. Substances

Chemical identity: XYLENE

CAS number: 1330-20-7

EINECS number: 215-535-7

REACH registered number(s): 01-2119488216-32

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin.

Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

Eye contact: Remove any contact lenses and open eyes wide apart. Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Get medical attention if any discomfort continues

[cont...]

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Ingestion: Do not induce vomiting. Wash out mouth with water. Get medical attention immediately.

Inhalation: Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete, seek medical advice.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: Inhalation of vapours in high concentration may cause irritation of respiratory system. Symptoms of over exposure may be headache, dizziness, tiredness, nausea and vomiting.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Alcohol or polymer foam. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. The vapour is heavier than air and spreads along the ground. There is a danger of flashback if sparks or hot surfaces ignite vapour.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

[cont...]

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6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

Suitable packaging: Original container stored in a dry and cool place.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	220 mg/m ³	441 mg/m ³	-	-

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure lighting and electrical equipment are not a source of ignition. Provide adequate ventilation, including appropriate local extraction. In case of insufficient ventilation, where exposure to high concentrations of vapour is possible, suitable respiratory protective equipment with positive air supply should be used.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Impermeable gloves, change regularly to avoid permeation problems.

Eye protection: Safety goggles. Ensure eye bath is to hand.

Skin protection: Wear appropriate clothing to prevent any possibility of skin contact.

[cont...]

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Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Aromatic

Evaporation rate: Slow

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Insoluble

Also soluble in: Most organic solvents.

Viscosity: Non-viscous

Boiling point/range°C: 136-143

Melting point/range°C: <-80

Flammability limits %: lower: 1.0

upper: 7.0

Flash point°C: 23 - 55

Part.coeff. n-octanol/water: 3.2

Autoflammability°C: >432

Vapour pressure: 7.0 mm Hg

Relative density: 0.860

pH: No data available.

VOC g/l: No data available.

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions. Stable at room temperature.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat. Hot surfaces. Sources of ignition. Flames.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: Toxic gases/vapours/fumes of, Carbon monoxide (CO). Carbon dioxide (CO₂). Hydrocarbons.

[cont...]

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Section 11: Toxicological information

11.1. Information on toxicological effects

Non-classified ingredients:

XYLENE

ORL	MUS	LD50	2119	mg/kg
ORL	RAT	LD50	4300	mg/kg
SCU	RAT	LD50	1700	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	INH DRM	Hazardous: calculated
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
STOT-single exposure	INH	Hazardous: calculated
STOT-repeated exposure	-	Hazardous: calculated
Aspiration hazard	-	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: Inhalation of vapours in high concentration may cause irritation of respiratory system. Symptoms of over exposure may be headache, dizziness, tiredness, nausea and vomiting.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

[cont...]

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12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN1307

14.2. UN proper shipping name

Shipping name: XYLENES

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 3

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

[cont...]

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Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.