



ProSolve Tar and Bitumen Remover

Safety Data Sheet

According to Regulation (EU) No 830/2015 and Regulation (EC) No 1272/2008

Date Revised: 20/04/2022 / Version: 1.1

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

1.1 - Product identifier

Trade name/designation ProSolve Tar and Bitumen Remover TBR5

Product-type Mixture

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

1.3 - Details of the supplier of the safety data sheet

Company Name: ProSolve

Company Address: Sandall Stones Road, Kirk Sandall Industrial Estate, Doncaster, South Yorkshire,
DN3 1QR

Tel: +44 (0) 1302 310 113

E-mail: enquiries@prosolveproducts.com

Web: www.prosolveproducts.com

EU Details:

Address: Portfolio House, Kilbarrack Parage, Dublin D05 TF86

Phone: 003531 9120925

1.4 - Emergency telephone number

National Health Service (NHS)

NHS England or Scotland: 111

NHS Wales: 0300 0604400

Northern Ireland: Call your local GP

For life-threatening emergencies, call 999 for an ambulance.

SECTION 2: Hazards identification

2.1 - Classification of the substance or mixture

Skin Irrit. 2: H315; Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Flam. Aerosol 1: H222;
STOT SE 3: H336; -: EUH066; -: H229

2.2 - Label elements

Signal word(s):

Danger

Hazard Pictograms:

GHS02: Flame
GHS07: Exclamation mark
GHS09: Environmental



Hazard statements

EUH066: Repeated exposure may cause skin dryness or cracking.
H222: Extremely flammable aerosol.
H229: Pressurised container: May burst if heated.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.

Precautionary statements

P102: Keep out of reach of children.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211: Do not spray on an open flame or other ignition source.
P251: Do not pierce or burn, even after use.
P362+P364: Take off contaminated clothing and wash it before reuse.
P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

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.

3.1 – Substances

Not applicable

3.2 – Mixtures

PETROLEUM GASES, LIQUEFIED

EINECS	CAS	PBT / WEL	CLP Classification	Percent
270-704-2	68476-85-7	Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	30-50%

D40 NAPHTHA (PETROLEUM), HYDROTREATED HEAVY, DE-AROMATISED - REACH registered number(s): 01- 2119463258-33-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
919-857-5	64742-48-9	-	Flam. Liq. 3: H226; STOT SE 3: H336; Asp. Tox. 1: H304; -: EUH066	10-30%

KEROSINE (PETROLEUM), SWEETENED - REACH registered number(s): 01- 2119502385-46

EINECS	CAS	PBT / WEL	CLP Classification	Percent
294-799-5	91770-15-9	-	Flam. Liq. 3: H226; Asp. Tox. 1: H304; Skin Irrit. 2: H315; STOT SE 3: H336; Aquatic Chronic 2: H411	10-30%

XYLENE - REACH registered number(s): 01-2119484661-33-0004

EINECS	CAS	PBT / WEL	CLP Classification	Percent
215-535-7	1330-20-7	-	Flam. Liq. 3: H226; Asp. Tox. 1: H304; Skin Irrit. 2: H315; STOT SE 3: H336; Aquatic Chronic 2: H411	1-10%

COCO DIETHANOLAMIDE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
271-657-0	68603-42-9	-	Eye Dam. 1: H318; Skin Irrit. 2: H315	1-10%

C9-11 ALCOHOL ETHOXYLATES

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	68439-46-3	-	Eye Dam. 1: H318; Acute Tox. 4: H302	1-10%

ETHYLBENZENE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
202-849-4	100-41-4	-	Flam. Liq. 2: H225; Acute Tox. 4: H332; STOT RE 2: H373; Asp. Tox. 1: H304	1-10%

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.

Eye contact:

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

Ingestion:

Do not induce vomiting. Consult a doctor.

Inhalation:

Move to fresh air in case of accidental inhalation of vapours.

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

Skin contact:

No data available.

Eye contact:

No data available.

Ingestion:

No data available.

Inhalation:

No data available.

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: Firefighting measures

5.1 - Extinguishing media

Suitable extinguishing media for the surrounding fire should be used.

5.2 - Special hazards arising from the substance or mixture

Extremely 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 firefighters

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

Refer to section 8 of SDS for personal protection details. Eliminate all sources of ignition. If outside do not approach from downwind.

6.2 – Environmental precautions

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

6.3 - Methods and material for containment and cleaning up

Absorb into dry earth or sand. Do not use equipment in clean-up procedure which may produce sparks. Clean-up should be dealt with only by qualified personnel familiar with the specific substance.

6.4 - Reference to other sections

Refer to section 8 of SDS.

SECTION 7: Handling and storage

7.1 - Precautions for safe handling

Ensure there is sufficient ventilation of the area. Do not handle in a confined space. 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 direct sunlight. Keep away from sources of ignition.

Suitable packaging: Must only be kept in original packaging.

7.3 - Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 - Control parameters

PETROLEUM GASES, LIQUEFIED

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min STEL	8 hour TWA	15 min STEL
UK	1,750mg/m ³	2,180mg/m ³	-	-

D40 NAPHTHA (PETROLEUM), HYDROTREATED HEAVY, DE-AROMATISED

UK	150ppm 1000mg/m ³	-	-	-
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XYLENE

UK	50ppm	100ppm	220mg/m ³	441mg/m ³
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ETHYLBENZENE

UK	441ppm	552ppm	-	-
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DNEL/PNEC Values

Hazardous ingredients:

D40 NAPHTHA (PETROLEUM), HYDROTREATED HEAVY, DE-AROMATISED

Type	Exposure	Value	Population	Effect
DNEL	Dermal	208mg/kg/day	Workers	Systemic
DNEL	Inhalation	871 mg/m ³	Workers	Systemic
DNEL	Dermal	125mg/kg/day	Consumers	Systemic
DNEL	Inhalation	185mg/m ³	Consumers	Systemic
DNEL	Oral	125mg/kg/day	Consumers	Systemic

XYLENE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	289 mg/m ³	Workers	Systemic
DNEL	Dermal	180 mg/m ³	Workers	Systemic
DNEL	Inhalation	77 mg/m ³	Workers	Systemic
DNEL	Inhalation	174 mg/m ³	Consumers	Systemic
DNEL	Dermal	108mg/kg/day	Consumers	Systemic
DNEL	Oral	14.8 mg/m ³	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:

Respiratory protection not required.

Hand protection:

Chemically resistant gloves.

Eye protection:

Safety glasses. Ensure eye bath is to hand.

Skin protection:

Protective clothing.

Environmental:

Prevent from entering in public sewers or the immediate environment.

SECTION 9: Physical and chemical properties

9.1 - Information on basic physical and chemical properties

State:	Aerosol
Colour:	Colourless
Odour:	Characteristic odour
Flash point°C:	<23

9.2 - Other information

VOC content	No data available
Minimum ignition energy	No data available
Conductivity	No data available

SECTION 10: Stability and reactivity

10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

10.4 - Conditions to avoid

- Direct sunlight. Heat. Hot surfaces. Sources of ignition. Flames.

10.5 - Incompatible materials

- No information available.

10.6 - Hazardous decomposition products

- Does not decompose when used for intended uses.

SECTION 11: Toxicological information

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

Hazardous ingredients:

D40 NAPHTHA (PETROLEUM), HYDROTREATED HEAVY, DE-AROMATISED

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

KEROSINE (PETROLEUM), SWEETENED

DERMAL	RBT	LD50	<5000	mg/kg
ORAL	RAT	LD50	<5000	mg/kg

KEROSINE (PETROLEUM), HYDRODESULFURIZED

DERMAL	RBT	LD50	<5000	mg/kg
ORAL	RAT	LD50	<5000	mg/kg

XYLENE

DERMAL	RBT	LD50	>1700	mg/kg
GASES	MUS	1H LC50	5000	ppmV
ORAL	RAT	LD50	4300	mg/kg

ETHYLBENZENE

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

Relevant hazards for product:

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

Symptoms / routes of exposure

Skin contact:

No data available.

Eye contact:

No data available.

Ingestion:

No data available.

Inhalation:

No data available.

Delayed / immediate effects:

Immediate effects can be expected after short-term exposure.

Other information:

Not applicable.

SECTION 12: Ecological information

12.1 - Toxicity

D40 NAPHTHA (PETROLEUM), HYDROTREATED HEAVY, DE-AROMATISED

ALGAE	72H IC50	>1000	mg/l
Daphnia magna	48H EC50	>1000	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	>1000	mg/l

XYLENE

Daphnia magna	48H EC50	<10	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	41	mg/l

12.2 - Persistence and degradability

No information available.

12.3 - Bioaccumulative potential

No indication of bioaccumulation potential.

12.4 - Mobility in soil

No information available.

12.5 - Results of PBT and vPvB assessment

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

12.6 - Other adverse effects

Toxic to aquatic organisms.

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:

Not applicable.

Disposal of packaging:

Not applicable.

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 or ID number

UN1950

14.2 - UN proper shipping name

Not applicable

14.3 - Transport hazard class(es)

Not applicable

14.4 - Packing group

Not applicable

14.5 - Environmental hazards

Not applicable

14.6 - Special precautions for user

Not applicable

14.7 - Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

Substances REACH None
Candidates

Substances Annex XIV None None

Substances Annex XVII None None

VOC content No data available

15.2 - 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:

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

Phrases used in s.2 and s.3:

EUH066: Repeated exposure may cause skin dryness or cracking.
H220: Extremely flammable gas.
H222: Extremely flammable aerosol.
H225: Highly flammable liquid and vapour.
H226: Flammable liquid and vapour.
H229: Pressurised container: May burst if heated.
H302: Harmful if swallowed.
H304: May be fatal if swallowed and enters airways.
H312: Harmful in contact with skin.
H315: Causes skin irritation.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H336: May cause drowsiness or dizziness.
H373: May cause damage to organs through prolonged or repeated exposure.
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. Please note that due to the on-going change in regulation from CHIP to CLP, any MSDS information in this MSDS is only considered accurate at the time of its creation. During this time classifications of substances may change. Therefore it is possible that can art work and MSDS information may differ. As such if you have any concerns we recommend you request a new MSDS from us every 6-12 months.