

Revision 03

SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier****Product name** TAR & GLUE REMOVER**Product type** Liquid**1.2 Relevant identified uses of the substance or mixture****PRODUCT USE** Industrial uses: Uses of substances as such or in preparations at Industrial sites;(PC35) Washing and cleaning products**Description** TAR & GLUE REMOVER**1.3 Details of the supplier of the safety data sheet****Supplier** Spectrum industrial limited
Bedesway
Bede industrial estate
Jarrow
Tyne & Wear
NE32 3EG
Tel 0191 4301111**Email address** sales@spectrum-ind.co.uk**1.4 Emergency telephone number** 0191 4301111 (9.00am – 5pm Mon-Fri)**SECTION 2 : HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture****2.1.1 Classification (67/548/EEC)** Xn:R65;N;R51/53.R10.R20.R38.R66**2.1.2 Classification – EC 1272/2008 EUH066;Flam.Liq.3-H226,Asp.Tox1-H304;Acute Tox.4-H312,Skin Irrit2-H315,Acute to x4-H332,STOTSE3-H336;Aquatic chronic 2 –H411****2.2 Label elements****Hazard pictograms****Signal Word****Danger****Hazard Statement**

H226 – Flammable liquid and vapour
 H304 – May be fatal if swallowed and enters airways
 H312 – Harmful in contact with skin
 H315 – Causes skin irritation
 H332 – Harmful if inhaled
 H336 – May cause drowsiness or dizziness
 H411 – Toxic to aquatic life with long lasting effects.

Precautionary Statement:

P102 – Keep out of reach of children

Prevention

P210 – Keep away from heat/sparks/open flames/hot surfaces. No smoking

P261 – Avoid breathing vapours/spray

P271 – Use only outdoors or in a well-ventilated area

P273 – Avoid release to the environment

P280 – Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statement:

P301+P310 – IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

Response

P303+P361+P353 – IF ON SKIN (or hair): Remove/take off immediately all contaminated Clothing. Rinse skin with water/shower.

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P332+P313 – If skin irritation occurs. Get medical advice/attention.

P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove Contact lenses, if present and easy to do. Continue rinsing.

P315 – Get immediate medical advice/attention

P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a Position comfortable for breathing.

2.3 Other hazards

This product does not contain any PBT or vPvB substances

Supplemental label EUH066 Repeated exposure may cause skin dryness or cracking.

Information

Contains Hydrocarbons C9-12 N-Alkanes,Isoalkanes,Cyclic Aromatics(2-25%)/Xylene

SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS**3.2 Mixtures**

67/548/EEC / 1999/45/EC

Chemical name	Index No	Cas No	EC No	REACH Registration Number	Conc (% w / w)	Classification
Hydrocarbons C9-12 N-alkanes,Isoalkanes, Cyclic aromatics(2-25%)			919-446-0	01-2119458049-33	30-60%	Xn;R65;N:R51/53 R10;R66;R67
Xylene		1300-20-7	215-535-7	01-2119488216-32	30-60%	R10;Xn:R20/21;Xi:R38

EC 1272/2008

Chemical name	Index No	Cas No	EC No	REACH Registration Number	Conc (% w / w)	Classification
Hydrocarbons C9-12 N-alkanes,Isoalkanes, Cyclic aromatics(2-25%)			919-446-0	01-2119458049-33	30-60%	Flam.Liq.3 - H226 EUH066;STOTSE3 - H336 Asp.Tox1 - H304 Aquatic chronic 2 - H411
Xylene		1300-20-7	215-535-7	01-2119488216-32	30-60%	Flam.Liq.3 - H226 Acute Tox.4 - H312 Acute Tox.4 - H332 Skin Irrit.2 - H315

SECTION 4 : FIRST AID MEASURES**4.1 Description Of first aid measures****Inhalation**

Move the affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

Ingestion

DO NOT INDUCE VOMITING. Rinse mouth thoroughly, seek medical advice immediately and show this container or label.

Skin contact

Causes Irritation - Wash the skin immediately with soap and water. Get medical attention if discomfort continues

Eye contact

Immediately flush with plenty of water for up to 15 minutes. Get medical attention.

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4.2 Most important symptoms and effects, both acute and delayed

Inhalation

Vapours may cause headache, drowsiness, dizziness and nausea

Ingestion

Nausea, vomiting and headaches.

Skin contact

Causes skin irritation if contact prolonged.

Eye contact

Irritation of eyes and mucous membranes

4.3 Indication of any immediate medical attention and special treatment needed

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Extinguish with alcohol resistant foam, Carbon dioxide or dry powder.

5.2 Special hazards arising from the substance or mixture

When heated and in case of fire, harmful vapours/gases may be formed

5.3 Advice for fire-fighters

Protective equipment for fire-fighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Wear suitable protective equipment.

6.2 Environmental precautions

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate body.

6.3 Methods and material for containment and cleaning up

Absorb in vermiculite, dry sand or earth and place into containers for disposal. Flush with plenty of water to clean spillage area.

6.4 Reference to other sections

For personal protection see section 8. Collect and dispose of spillage as indicated in section 13

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

For handling product wear suitable protective clothing, gloves and eye/face protection. Keep away from heat, sparks and open flames. Use respirator if air contamination is above accepted level.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated area. Keep away from Oxidising materials, Heat and flames. Keep in original containers.

7.3 Specific end use(s)

The identified uses for this product are detailed in section 1.2

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters**

Name	STD	TWA – 8 Hours	STEL – 15 min	Notes
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Hydrocarbons C9-12 N-alkanes Isoalkanes, Cyclic aromatics	WEL	1000 mg/m ³		
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Xylene	WEL	50 ppm 220 mg/m ³	100 ppm 441 mg/m ³	Sk
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WEL = Workplace exposure limit
Sk = Can be absorbed through skin.

8.2 Exposure controls**8.2.1 Appropriate engineering Controls**

Ensure adequate ventilation of the working area.

8.2.2 Individual Protection Measures

Wear appropriate protective clothing to prevent / avoid skin contact

Eye / face protection

Approved safety goggles or face shield

Hand protection

Chemical resistant gloves

Respiratory protection

If ventilation is insufficient respiratory equipment must be worn

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

State	Liquid
Colour	Clear
Odour	Pungent
Solubility	Insoluble in water
Flash point	>25°C
Auto Ignition temp	230°C
Relative density	0.810 - 0.830 (water = 1 @ 20°C)

9.2 Other information

Volatile organic compound (VOC) 815 g/litre

SECTION 10: STABILITY AND REACTIVITY**10.1 Reactivity**

No specific reactivity hazards associated with this product

10.2 Chemical stability

Stable under normal temperature conditions

10.3 Possibility of hazardous reactions

Not determined

10.4 conditions to avoid

Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.

10.5 Incompatible materials**Materials to avoid**

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Strong oxidising substances

10.6 Hazardous decomposition products

Oxides of carbon

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects****11.1.4 Toxicological information**

Hydrocarbons C9-12 N-Alkanes, Isoalkanes, Cyclic Aromatics (2-25%)

Xylene

Oral Rat LD50 5000 mg/kg

Dermal Rabbit LD50 >4 mg/kg

Inhalation Rabbit LC50/4h 13.1 mg/l

Oral rat LD50 3523 mg/kg

Dermal Rabbit LD50 12126 mg/kg

Inhalation Rabbit LC50/4h 27000 mg/l

SECTION 12: ECOLOGICAL INFORMATION**Eco toxicity**

The product contains substances which are toxic to aquatic organisms and may cause long term adverse effects in the aquatic environment.

12.1 Toxicity

Hydrocarbons C9-12 N-Alkanes, Isoalkanes, Cyclic Aromatics (2-25%)

Xylene

FISH LC50/96h 10-30 mg/l

Daphnia EC50/48h 10-224 mg/l

Algae IC50/72h 4.6-10 mg/l

FISH LC50/96h 2.6 mg/l

Daphnia EC50/48h 1 mg/l

Algae IC50/72h 2.2 mg/l

12.2 Persistence and degradability

This product is Biodegradeable

12.3 Bioaccumulative potential

Not expected to be bioaccumulating

12.4 Mobility in soil

Insoluble in water

12.5 Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances

12.6 Other adverse effects

Not known

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SECTION 13: DISPOSAL CONSIDERATIONS**General information**

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local waste disposal authority. Rags and the like moistened with flammable liquids, must be discarded into designated fireproof container

13.1 Waste treatment methods

Dispose of waste and residues in accordance with local authority regulations.

SECTION 14: TRANSPORT INFORMATION**14.1 UN number**

UN No (ADR/RID/AND) 1993

UN No (IMDG) 1993

UN No (ICAO) 1993

14.2 UN proper shipping name

Proper shipping name Flammable liquid N.O.S (Hydrocarbons)

14.3 Transport hazard class(es)

ADR/RID/AND Class Class 3: Flammable liquids.

IMDG Class Class 3: Flammable Liquids

ICAO Class/Division Class 3: Flammable Liquids

Transport labels

**14.4 Packing group**

ADR/RID/AND Packing group III

IMDG Packing group III

ICAO Packing group III

14.5 Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

yes

14.6 Special precautions for user

EMS F-E, S-E

Emergency action code 3Y

Hazard No. (ADR) 30

Tunnel Restriction Code (D/E)

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

Not relevant for packed product

SECTION 15: REGULATORY INFORMATION

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

Safety data sheet prepared in accordance with REACH commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). The product is classified under GHS/CLP - Regulation (EC) No 1272/2008 classification, labelling & packaging of substances and mixtures. Ingredients are listed with classification under both CHIP - Directive 67/548/EEC classification, packaging & labelling of dangerous substances & GHS/CLP - Regulations (EC) no 1272/2008 classification, labelling & packaging of substances & mixtures.

15.2 Chemical Safety Assessment

Not applicable this product is a mixture

SECTION 16: OTHER INFORMATION**Other information**

The Risk phrases / Hazard statements listed below in this section No 16 relate to the Raw Materials (ingredients) in the product (as listed in section 3).

Text of risk phrases in section 3

R10	Flammable
R20/21	Harmful by inhalation and in contact with skin.
R38	Irritating to skin
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R65	Harmful: May cause lung damage if swallowed
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness

Text of hazard statements in section 3

EUH066	Repeated exposure may cause skin dryness or cracking
H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H315	Causes serious skin irritation
H332	Harmful if inhaled
H336	May cause drowsiness or dizziness
H411	Toxic to aquatic life with long lasting effects

Further information

The information supplied in this data sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication; however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.