

**Safety data sheet**  
**according to 1907/2006/EC, Article 31**

Printing date 19.02.2021

Revision: 19.02.2021

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

- **1.1 Product identifier**
- **Trade name: TAR & GLUE REMOVER**
- **Article number: 111**
- **UFI: AH90-208X-700H-U7WN**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Sector of Use**  
 SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
- **Application of the substance / the mixture** Surface cleanser
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
 Concept Chemicals & Coatings Ltd.  
 Felt Court, Windmill Lane Ind.Estate  
 Denton, Manchester M34 3RB England  
 Tel 00 44 (0)161 335 0213  
 Fax 00 44 (0)161 335 0214
- **Further information obtainable from:**  
 Concept Chemicals & Coatings  
 Ltd. Felt Court, Windmill Lane Ind.Estate Denton,  
 Manchester M34 3RB England  
 Tel 00 44 (0)161 335 0213  
 Fax 00 44 (0)161 335 0214  
 cheryl@conceptchemicals.com
- **1.4 Emergency telephone number:**  
 During working hours GMT 09.00 - 17.00  
 Tel: 0044 (0)161 335 0213  
 Fax: 0044 (0)161 335 0214

**SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



flame

Flam. Liq. 3      H226      Flammable liquid and vapour.



health hazard

Asp. Tox. 1      H304      May be fatal if swallowed and enters airways.



environment

Aquatic Chronic 2 H411      Toxic to aquatic life with long lasting effects.



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|  |                           |   |
|--|---------------------------|---|
| Skin Irrit. 2<br>Eye Irrit. 2<br>STOT SE 3 | H315<br>H319<br>H335-H336 | Causes skin irritation.<br>Causes serious eye irritation.<br>May cause respiratory irritation. May cause drowsiness or dizziness. |
|--|---------------------------|---|

### · 2.2 Label elements

#### · Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

· **Hazard pictograms** GHS02, GHS07, GHS08, GHS09

· **Signal word** Danger

#### · Hazard-determining components of labelling:

Solvent Naphtha (petroleum)/Aromatic. Benzene concentration is <0.1%.

1,2,4-trimethylbenzene

cumene

#### · Hazard statements

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

H304 May be fatal if swallowed and enters airways.

H411 Toxic to aquatic life with long lasting effects.

#### · 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/ doctor.

P321 Specific treatment (see on this label).

P331 Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

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

P362+P364 Take off contaminated clothing and wash it before reuse.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

#### · Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.

### · 2.3 Other hazards

#### · Results of PBT and vPvB assessment

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

## SECTION 3: Composition/information on ingredients

### · 3.2 Chemical characterisation: Mixtures

· **Description:** Mixture of substances listed below with nonhazardous additions.

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**Dangerous components:**

|   |   |         |
|---|---|---------|
| CAS: 64742-95-6<br>EC number: 918-668-5<br>Reg.nr.: 01-2119455851-35-0000 | Solvent Naphtha (petroleum)/Aromatic. Benzene concentration is <0.1%.<br>⚠ Flam. Liq. 3, H226<br>⚠ Asp. Tox. 1, H304<br>⚠ Aquatic Chronic 2, H411<br>⚠ STOT SE 3, H335-H336 | 50-100% |
| CAS: 95-63-6<br>EINECS: 202-436-9<br>Reg.nr.: 01-2119472135-42-0000       | 1,2,4-trimethylbenzene<br>⚠ Flam. Liq. 3, H226<br>⚠ Aquatic Chronic 2, H411<br>⚠ Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335               | 25-50%  |
| CAS: 108-67-8<br>EINECS: 203-604-4<br>Reg.nr.: 01-2120738996-34-0000      | mesitylene<br>⚠ Flam. Liq. 3, H226<br>⚠ Aquatic Chronic 2, H411<br>⚠ STOT SE 3, H335  | 10-25%  |
| CAS: 98-82-8<br>EINECS: 202-704-5<br>Reg.nr.: 01-2119473983-24-0000       | cumene<br>⚠ Flam. Liq. 3, H226<br>⚠ Asp. Tox. 1, H304<br>⚠ Aquatic Chronic 2, H411<br>⚠ Acute Tox. 4, H302; STOT SE 3, H335   | 2.5-5%  |

Additional information For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

**4.1 Description of first aid measures**
**General information**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

**After inhalation**

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness place patient stably in side position for transportation.

**After skin contact**

If skin irritation continues, consult a doctor.

Immediately wash with water and soap and rinse thoroughly.

**After eye contact**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After swallowing** If symptoms persist consult doctor.

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

No further relevant information available.

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

If swallowed or in case of vomiting, danger of entering the lungs

### SECTION 5: Firefighting measures

**5.1 Extinguishing media**

Suitable extinguishing agents CO<sub>2</sub>, sand, extinguishing powder. Do not use water.

For safety reasons unsuitable extinguishing agents

Water.

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Water with full jet.

- **5.2 Special hazards arising from the substance or mixture**  
No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear suitable respiratory protective equipment.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:**  
Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to enter sewers /surface or ground water drains.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.  
Do not flush with water or aqueous cleansing agents
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Risk of serious damage to eyes.
- **Information about fire - and explosion protection:**  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Additional information about design of technical facilities:** No further data; see item 7.

 · **Ingredients with limit values that require monitoring at the workplace:**
**64742-95-6 Solvent Naphtha (petroleum)/Aromatic. Benzene concentration is <0.1%.**

|             |  |
|-------------|--|
| <b>DNEL</b> | Long-term value: 150 mg/m <sup>3</sup> |
|-------------|--|

**95-63-6 1,2,4-trimethylbenzene**

|            |   |
|------------|---|
| <b>WEL</b> | Long-term value: 125 mg/m <sup>3</sup> , 25 ppm |
| <b>ILV</b> |   |

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**108-67-8 mesitylene**

|     |   |
|-----|---|
| WEL | Long-term value: 125 mg/m <sup>3</sup> , 25 ppm |
|     | ILV   |

**98-82-8 cumene**

|     |  |
|-----|--|
| WEL | Short-term value: 250 mg/m <sup>3</sup> , 50 ppm |
|     | Long-term value: 125 mg/m <sup>3</sup> , 25 ppm  |
|     | Sk   |

**· DNELs**
**95-63-6 1,2,4-trimethylbenzene**

|            |          |                   |
|------------|----------|-------------------|
| Oral       | LD50     | 5,000 mg/kg (RAT) |
| Inhalative | LC50/4 h | 18 mg/l (RAT)     |

**98-82-8 cumene**

|            |          |                    |
|------------|----------|--------------------|
| Oral       | LD50     | 1,400 mg/kg (rat)  |
| Dermal     | LD50     | 12,300 mg/kg (rbt) |
| Inhalative | LC50/4 h | 24.7 mg/l (mus)    |

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**

· **Personal protective equipment**

· **General protective and hygienic measures**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not inhale dust / smoke / mist.

Avoid contact with the eyes and skin.

· **Respiratory protection:**

Not necessary if room is well-ventilated.

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· **Protection of hands:** Rubber gloves

· **Material of gloves:** Nitrile rubber, NBR

· **Penetration time of glove material**

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

· **Eye protection:** Safety glasses

### SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

**Form:** Liquid

**Colour:** Clear

· **Odour:** Characteristic

· **Odour threshold:** Not determined.

· **pH-value:** Not determined.

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|  |   |
|--|---|
| · <b>Change in condition</b><br><b>Melting point/freezing point:</b> | -50 °C  |
| <b>Initial boiling point and boiling range:</b>                      | 162 °C  |
| · <b>Flash point:</b>  | 38 °C   |
| · <b>Flammability (solid, gaseous)</b>                               | Not applicable.   |
| · <b>Ignition temperature:</b>                                       | 450 °C  |
| · <b>Decomposition temperature:</b>                                  | Not determined.   |
| · <b>Auto-ignition temperature:</b>                                  | Product is not selfigniting.  |
| · <b>Explosive properties:</b>                                       | Product is not explosive. However, formation of explosive air/vapour mixtures are possible. |
| · <b>Explosion limits:</b>   |   |
| <b>Lower:</b>  | 0.8 Vol %   |
| <b>Upper:</b>  | 7.0 Vol %   |
| · <b>Vapour pressure at 20 °C:</b>                                   | 5 hPa   |
| · <b>Density at 20 °C:</b>   | 0.87 g/cm <sup>3</sup>  |
| · <b>Relative density</b>  | Not determined.   |
| · <b>Vapour density</b>  | Not determined.   |
| · <b>Evaporation rate</b>  | Not determined.   |
| · <b>Solubility in / Miscibility with</b><br><b>Water at 20 °C:</b>  | 0.05 g/l  |
| · <b>Partition coefficient: n-octanol/water:</b>                     | Not determined.   |
| · <b>Viscosity:</b>  |   |
| <b>dynamic at 20 °C:</b>   | 0.9 mPas  |
| <b>kinematic:</b>  | Not determined.   |
| · <b>9.2 Other information</b>                                       | No further relevant information available.  |

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

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- **Primary irritant effect:**
- **Skin corrosion/irritation**  
Causes skin irritation.
- **Serious eye damage/irritation**  
Causes serious eye irritation.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Additional toxicological information:**
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure**  
May cause respiratory irritation. May cause drowsiness or dizziness.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard**  
May be fatal if swallowed and enters airways.

### SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Toxic for fish
- **Additional ecological information:**
- **General notes:**  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water.  
Do not allow product to reach ground water or water course.  
Danger to drinking water if even small quantities leak into the ground.  
Also poisonous for fish and plankton in water bodies.  
Toxic for aquatic organisms
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

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### SECTION 14: Transport information

|   |  |
|---|--|
| · 14.1 UN-Number<br>· ADR, IMDG, IATA   | UN1268   |
| · 14.2 UN proper shipping name<br>· ADR<br>· IMDG<br>· IATA   | 1268 PETROLEUM DISTILLATES, N.O.S., ENVIRONMENTALLY HAZARDOUS<br>PETROLEUM DISTILLATES, N.O.S., MARINE POLLUTANT<br>PETROLEUM DISTILLATES, N.O.S.  |
| · 14.3 Transport hazard class(es)<br>· ADR, IMDG  | <div style="display: flex; align-items: center; gap: 10px;">   </div> · Class<br>· Label |
| · IATA  | <div style="display: flex; align-items: center; gap: 10px;">  </div> · Class<br>· Label   |
| · 14.4 Packing group<br>· ADR, IMDG, IATA   | III  |
| · 14.5 Environmental hazards:<br>· Marine pollutant:<br>· Special marking (ADR):  | Yes<br>Symbol (fish and tree)<br>Symbol (fish and tree)  |
| · 14.6 Special precautions for user<br>· Hazard identification number (Kemler code):<br>· EMS Number:<br>· Stowage Category | Warning: Flammable liquids.<br>30<br>F-E, S-E<br>A   |
| · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code   | Not applicable.  |
| · Transport/Additional information:   |  |
| · ADR<br>· Limited quantities (LQ)<br>· Excepted quantities (EQ)  | 5L<br>Code: E1<br>Maximum net quantity per inner packaging: 30 ml<br>Maximum net quantity per outer packaging: 1000 ml   |
| · Transport category<br>· Tunnel restriction code   | 3<br>D/E   |

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|  |  |
|--|--|
| <ul style="list-style-type: none"> <li>· <b>IMDG</b></li> <li>· <b>Limited quantities (LQ)</b></li> <li>· <b>Excepted quantities (EQ)</b></li> </ul> | 5L<br>Code: E1<br>Maximum net quantity per inner packaging: 30 ml<br>Maximum net quantity per outer packaging: 1000 ml |
| <ul style="list-style-type: none"> <li>· <b>UN "Model Regulation":</b></li> </ul>  | UN 1268 PETROLEUM DISTILLATES, N.O.S., 3, III, ENVIRONMENTALLY HAZARDOUS   |

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms** GHS02, GHS07, GHS08, GHS09
- **Signal word** Danger
- **Hazard-determining components of labelling:**  
Solvent Naphtha (petroleum)/Aromatic. Benzene concentration is <0.1%.  
1,2,4-trimethylbenzene  
cumene
- **Hazard statements**
  - H226 Flammable liquid and vapour.
  - H315 Causes skin irritation.
  - H319 Causes serious eye irritation.
  - H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.
  - H304 May be fatal if swallowed and enters airways.
  - H411 Toxic to aquatic life with long lasting effects.
- **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/ doctor.
  - P321 Specific treatment (see on this label).
  - P331 Do NOT induce vomiting.
  - P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
  - P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  - P362+P364 Take off contaminated clothing and wash it before reuse.
  - P405 Store locked up.
  - P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Directive 2012/18/EU**
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t
- **National regulations**
- **Waterhazard class:** Water hazard class 2 (Self-assessment): hazardous for water.

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 · **15.2 Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

### SECTION 16: Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

· **Relevant phrases**

H226 Flammable liquid and vapour.  
 H302 Harmful if swallowed.  
 H304 May be fatal if swallowed and enters airways.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H332 Harmful if inhaled.  
 H335 May cause respiratory irritation.  
 H336 May cause drowsiness or dizziness.  
 H411 Toxic to aquatic life with long lasting effects.

· **Department issuing SDS:** Technical Department.

· **Contact:** Mr N Wardlaw

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)  
 IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 DNEL: Derived No-Effect Level (REACH)  
 PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: very Persistent and very Bioaccumulative  
 Flam. Liq. 3: Flammable liquids – Category 3  
 Acute Tox. 4: Acute toxicity – Category 4  
 Skin Irrit. 2: Skin corrosion/irritation – Category 2  
 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
 Asp. Tox. 1: Aspiration hazard – Category 1  
 Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2