



SAFETY DATA SHEET SHIFT TAR & GLUE REMOVER

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

1.1. Product identifier

Product name SHIFT TAR & GLUE REMOVER

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

Identified uses Tar & Glue Remover.

Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier Iain Semple Chemicals Ltd
7 McKenzie St,
Paisley,
Renfrewshire,
PA3 1LX
0141 8487557

1.4. Emergency telephone number

Emergency telephone +44 (0) 141 8487557 (Mon - Fri 9:00am - 5:00pm GMT)

National emergency telephone number +44 (0)870 600 6266 [UK National Poisons Control Information Service (NPIS) Center]

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards Flam. Liq. 3 - H226

Health hazards Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304

Environmental hazards Aquatic Chronic 2 - H411

Classification (67/548/EEC or 1999/45/EC) Xn; R65. Xi; R38. N; R51/53. R10, R43

2.2. Label elements

Hazard pictograms



Signal word

Danger

SHIFT TAR & GLUE REMOVER

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| Hazard statements | H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. 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. P261 Avoid breathing vapour/ spray. P264 Wash contaminated skin thoroughly after handling. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P302+P352 IF ON SKIN: Wash with plenty of water. P332+P313 If skin irritation occurs: Get medical advice/ attention. P403+P235 Store in a well-ventilated place. Keep cool. |
| Contains | Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics, orange, sweet, ext. |
| Supplementary precautionary statements | P233 Keep container tightly closed. P240 Ground and bond container and receiving equipment. P241 Use explosion-proof electrical equipment. P242 Use non-sparking tools. P243 Take action to prevent static discharges. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. P321 Specific treatment (see medical advice on this label). P331 Do NOT induce vomiting. P333+P313 If skin irritation or rash occurs: Get medical advice/ attention. P362+P364 Take off contaminated clothing and wash it before reuse. P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish. P391 Collect spillage. P405 Store locked up. P501 Dispose of contents/ container in accordance with national regulations. |

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| | |
|--|----------------------|
| Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics 2-25% | 30-60% |
| CAS number: 64742-82-1 | EC number: 919-446-0 |
| Classification Flam. Liq. 3 - H226 STOT SE 3 - H336 STOT RE 1 - H372 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411 | |

SHIFT TAR & GLUE REMOVER

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| xylene | 30-60% |
| CAS number: 1330-20-7 | EC number: 215-535-7 |
| Classification Flam. Liq. 3 - H226 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 | Classification (67/548/EEC or 1999/45/EC) Xn; R20/21. Xi; R38. R10 |
| Orange Terpenes | 1-5% |
| CAS number: 8028-48-6 | EC number: 232-433-8 |
| M factor (Acute) = 1 | M factor (Chronic) = 1 |
| Classification Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 | Classification (67/548/EEC or 1999/45/EC) Xn; R65. Xi; R38. N; R50/53. R10, R43 |
| ethylbenzene | 1-5% |
| CAS number: 100-41-4 | EC number: 202-849-4 |
| Classification Flam. Liq. 2 - H225 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335 STOT RE 2 - H373 | Classification (67/548/EEC or 1999/45/EC) F; R11. Xn; R20 |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

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| General information | If in doubt, get medical attention promptly. |
| Inhalation | Get medical attention if any discomfort continues. |
| Ingestion | Give plenty of water to drink. Move affected person to fresh air at once. Get medical attention if any discomfort continues. |
| Skin contact | Remove contaminated clothing immediately and wash skin with soap and water. Rinse with water. |
| Eye contact | Get medical attention if any discomfort continues. Remove affected person from source of contamination. Rinse with water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 10 minutes. |
| Protection of first aiders | First aid personnel should wear appropriate protective equipment during any rescue. |

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

SHIFT TAR & GLUE REMOVER

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| General information | Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product. |
| Inhalation | May cause discomfort. May be harmful if inhaled. |
| Ingestion | A single exposure may cause the following adverse effects: Nausea, vomiting. May be harmful if swallowed. |
| Skin contact | May be harmful in contact with skin. May cause discomfort. Prolonged and frequent contact may cause redness and irritation. |
| Eye contact | May be slightly irritating to skin and eyes. Prolonged or repeated exposure may cause severe irritation. |

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

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| Notes for the doctor | Treat symptomatically. |
| Specific treatments | Not applicable. |

SECTION 5: Firefighting measures

5.1. Extinguishing media

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| Suitable extinguishing media | Use fire-extinguishing media suitable for the surrounding fire. |
| Unsuitable extinguishing media | None known. |

5.2. Special hazards arising from the substance or mixture

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|--------------------------------------|---------------------------|
| Specific hazards | The product is flammable. |
| Hazardous combustion products | None known. |

5.3. Advice for firefighters

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| Protective actions during firefighting | Avoid breathing fire gases or vapours. |
| Special protective equipment for firefighters | Firefighter's clothing will provide a basic level of protection for chemical incidents. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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| Personal precautions | Avoid contact with eyes and prolonged skin contact. |
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6.2. Environmental precautions

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| Environmental precautions | The product contains a substance which may cause long-term adverse effects in the aquatic environment. |
|----------------------------------|--|

6.3. Methods and material for containment and cleaning up

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| Methods for cleaning up | Contain spillage with sand, earth or other suitable non-combustible material. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. |
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6.4. Reference to other sections

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| Reference to other sections | For personal protection, see Section 8. For waste disposal, see Section 13. |
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

SHIFT TAR & GLUE REMOVER

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| Usage precautions | Avoid contact with eyes and prolonged skin contact. |
| Advice on general occupational hygiene | Clean equipment and the work area every day. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Wash contaminated clothing before reuse. |

7.2. Conditions for safe storage, including any incompatibilities

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| Storage precautions | Keep only in the original container. Keep container tightly closed in a cool place. |
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7.3. Specific end use(s)

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| Specific end use(s) | The identified uses for this product are detailed in Section 1.2. |
|----------------------------|---|

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics 2-25%

600 mg WEL Long-term recommended limit

xylene

TWA: 50ppm, 221mg/m³; STEL: 100ppm, 442mg/m³

8.2. Exposure controls

Protective equipment



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| Appropriate engineering controls | Avoid inhalation of vapours and spray/mists. Observe any occupational exposure limits for the product or ingredients. |
| Eye/face protection | Contact lenses should not be worn when working with this chemical. Chemical splash goggles. |
| Hand protection | Wear protective gloves. To protect hands from chemicals, wear gloves that are proven to be impervious to the chemical and resist degradation. |
| Other skin and body protection | Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible. |
| Hygiene measures | Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Eye wash facilities and emergency shower must be available when handling this product. Wash promptly with soap and water if skin becomes contaminated. Wash contaminated clothing before reuse. |
| Respiratory protection | No specific recommendations. |
| Environmental exposure controls | Keep container tightly sealed when not in use. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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| Appearance | Liquid. |
| Colour | Straw. |
| Odour | Mild. Hydrocarbons. |
| Flash point | ~ 32°C |

SHIFT TAR & GLUE REMOVER

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| Relative density | ~ 0.82 |
| Solubility(ies) | Emulsifiable in water. |

9.2. Other information

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| Volatility | 90% |
|------------|-----|

SECTION 10: Stability and reactivity

10.1. Reactivity

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| Reactivity | There are no known reactivity hazards associated with this product. |
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10.2. Chemical stability

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|-----------|---|
| Stability | Stable at normal ambient temperatures and when used as recommended. |
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10.3. Possibility of hazardous reactions

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|------------------------------------|-------------|
| Possibility of hazardous reactions | None known. |
|------------------------------------|-------------|

10.4. Conditions to avoid

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|---------------------|---|
| Conditions to avoid | Avoid exposure to high temperatures or direct sunlight. Avoid freezing. |
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10.5. Incompatible materials

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| Materials to avoid | Strong oxidising agents. Strong reducing agents. |
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10.6. Hazardous decomposition products

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| Hazardous decomposition products | May emit toxic fumes under fire conditions. |
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - dermal

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| ATE dermal (mg/kg) | 2,466.22947144 |
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Acute toxicity - inhalation

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|-------------------------------|-------------|
| ATE inhalation (vapours mg/l) | 23.42917998 |
|-------------------------------|-------------|

| | |
|--------------|---|
| Inhalation | Vapours may irritate throat/respiratory system. May be harmful if inhaled. |
| Ingestion | May cause discomfort if swallowed. May be harmful if swallowed. |
| Skin contact | Prolonged skin contact may cause redness and irritation. May be harmful in contact with skin. |
| Eye contact | May cause irritation. May cause serious eye damage. |

SECTION 12: Ecological information

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| Ecotoxicity | May cause long lasting harmful effects to aquatic life. |
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12.1. Toxicity

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| Toxicity | Not applicable. |
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12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

SHIFT TAR & GLUE REMOVER

Mobility The product is soluble in water.

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Dispose of waste product or used containers in accordance with local regulations

SECTION 14: Transport information

14.1. UN number

| | |
|------------------|------|
| UN No. (ADR/RID) | 1993 |
| UN No. (IMDG) | 1993 |
| UN No. (ICAO) | 1993 |
| UN No. (ADN) | 1993 |

14.2. UN proper shipping name

| | |
|---------------------------------------|---|
| Proper shipping name (ADR/RID) | FLAMMABLE LIQUID, N.O.S. (HEAVY CHAIN HYDROCARBONS) |
| Proper shipping name (IMDG) | FLAMMABLE LIQUID, N.O.S. (HEAVY CHAIN HYDROCARBONS) |
| Proper shipping name (ICAO) | FLAMMABLE LIQUID, N.O.S. (HEAVY CHAIN HYDROCARBONS) |
| Proper shipping name (ADN) | FLAMMABLE LIQUID, N.O.S. (HEAVY CHAIN HYDROCARBONS) |

14.3. Transport hazard class(es)

| | |
|-----------------------------|----|
| ADR/RID class | 3 |
| ADR/RID classification code | F1 |
| ADR/RID label | 3 |
| IMDG class | 3 |
| ICAO class/division | 3 |
| ADN class | 3 |

Transport labels



14.4. Packing group

| | |
|-----------------------|-----|
| ADR/RID packing group | III |
| IMDG packing group | III |
| ICAO packing group | III |
| ADN packing group | III |

14.5. Environmental hazards

SHIFT TAR & GLUE REMOVER

Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user

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| EmS | F-E, S-E |
| ADR transport category | 3 |
| Emergency Action Code | •3Y |
| Hazard Identification Number (ADR/RID) | 30 |
| Tunnel restriction code | (D/E) |

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

SECTION 15: Regulatory information

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

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

| | |
|----------------------|--|
| General information | Only trained personnel should use this material. |
| Issued by | HS&E Manager. |
| Revision date | 21/04/2021 |
| Revision | 3 |
| Supersedes date | 10/02/2020 |
| SDS number | 8322 |
| Risk phrases in full | R10 Flammable. R11 Highly flammable. R20 Harmful by inhalation. R20/21 Harmful by inhalation and in contact with skin. R38 Irritating to skin. R43 May cause sensitisation by skin contact. R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. 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. |

SHIFT TAR & GLUE REMOVER

Hazard statements in full

H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H373 May cause damage to organs through prolonged or repeated exposure if inhaled.
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.

Code

Other Information

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.