

SAFETY DATA SHEET according to regulation (EC) No.1907/2006

SECTION 1: Identification of the substance/mixture and company

1.1. Product Identifier

Product code: A3AGR

Name: Tar & Glue Remover

1.2. Product Uses

Solvent for removing residues of adhesives and sealants used in the motor industry. Avoid contact with light lenses and covers.

1.3. Supplier

Quadralene Ltd
Bateman Street
Derby
DE23 8JL

Phone: 01332 292500
Web: www.quadralene.co.uk
Fax: 01332 295941
Email: info@quadralene.co.uk

1.4. Emergency telephone number

Emergency telephone number: 01332 292402

SECTION 2: Hazards identification (Undiluted product)

2.1. Classification of the mixture

According to 1272/2008

Health Hazards: Asp. Tox. 1, STOT SE 3

Physical Hazards: Flam. Liq. 3

Environmental Hazards: Aquatic Chronic 2

2.2. Label elements

According to 1272/2008

Danger



H304 May be fatal if swallowed and enters airways

H335 May cause respiratory irritation

H336 May cause drowsiness or dizziness

H411 Toxic to aquatic life with long lasting effects

H226 Flammable liquid and vapour

P261 Avoid breathing fume/vapours.

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

P273 Avoid release to the environment.

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

P331 Do NOT induce vomiting.

P403 + P233 Store in a well-ventilated place. Keep container tightly closed. P391 Collect spillage.

P405 Store locked up.

2.3. Other hazards

SECTION 3: Composition/ information on ingredients

| Material | CAS number | Level | Hazards (see section 16) | |
|-----------------------------|-------------------|--------------|---|--|
| Hydrocarbons, C9, aromatics | Mixture | <100% | Aquatic Chronic 2, Asp. Tox. 1, Flam. Liq. 3, STOT SE 3 | H226 H336 H335 H304 H411 |
| 1,2,5-trimethylbenzene | 108-67-8 | 10-25% | Aquatic Chronic 2, Flam. Liq. 3, STOT SE 3 | H226 H335 H411 |
| Ethylbenzene | 100-41-4 | 0-1% | Acute Tox. 4, Flam. Liq. 2 | H225 H332 |
| Xylene | 1330-20-7 | 0-1% | Acute Tox. 4, Eye Irrit. 2, Flam. Liq. 3, Skin Irrit. 2 | H226 H332 H312 H315 H319 |
| Toluene | 108-88-3 | 0-1% | Acute Tox. 4, Asp. Tox. 1, Eye Irrit. 2, Flam. Liq. 2, Repr. 2, Skin Irrit. 2, STOT RE 2, STOT SE 3 | H225 H361d H373 H304 H315 H336 H302 H319 |

SECTION 4: First aid measures

4.1. Description of first aid measures

- Eye contact: Immediately flush eyes with water, holding eyelids apart, for at least 10 minutes. Seek medical assistance immediately.
- Skin contact: Remove contaminated clothing, wash skin with soap and water. Seek medical attention.
- Inhalation: In case of overexposure, remove to fresh air, keep warm and at rest, seek medical assistance immediately.
- Ingestion: Do not induce vomiting. Seek medical assistance immediately.

First aider PPE: As required to prevent contact. See section 8.2.

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

- Eye hazard: Will cause irritation.
- Skin hazard: Prolonged or repeated contact may cause irritation/dryness.
- Respiratory hazard: May cause respiratory irritation. May cause drowsiness or dizziness
- Other hazards: Toxic to aquatic organisms. Vapour is heavier than air and will collect in pits etc.

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

No special treatment or attention required additional to section 4.2.

SECTION 5: Fire fighting measures

Flammability hazard: Flammable.

5.1. Extinguishing media

Use foam, dry powder or carbon dioxide.

5.2. Special hazards arising from the mixture

No specific hazards arising from the mixture. May produce toxic fumes under extreme heating in fire.

5.3. Advice for firefighters

No special measures arising from the mixture.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Take precautions to avoid contact. Use Personal Protective Equipment as detailed in section 8

Exclude sources of ignition, provide ventilation. Spillage may make floors slippery. Keep the area clear. Observe regulations.

6.2. Environmental precautions

Prevent spills from entering water courses.

6.3. Methods and material for containment and cleaning up

Exclude sources of ignition, provide ventilation.

Absorb using sand or other inert material and transfer to suitable containers for disposal.

6.4. Reference to other sections

Observe the advice given in sections 8 and 13

SECTION 7: Handling and storage

Shelf life: 24 months in original sealed containers.

7.1. Precautions for safe handling

Do not mix with other products. Observe good industrial hygiene.

Keep away from sources of ignition. Provide ventilation.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool, dry place protected from frost and away from acids, strong oxidising agents and sources of ignition. Store upright in original containers. Recommended storage temperature 5-25°C.

7.3. Product Uses

Apply with a clean soft cloth and rub gently until the residue is dispersed and removed. To confirm that a particular surface is suitable for cleaning with this product, test a small, hidden area before use. Avoid over application and soaking, which may soften some materials. Not suitable for use on plastics. Avoid contact with light lenses and covers. Please refer to product safety data sheet before use. Use only as directed.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits

| | | |
|---------|----------------------|----------------|
| Product | 120mg/m ³ | OES 8 hour TWA |
|---------|----------------------|----------------|

8.2. Exposure controls

These measures are suggested on the basis of general use methods and may not be appropriate to all potential uses of the product. The user is responsible for carrying out a full risk assessment of their specific processes and systems of work.

Eye protection: Wear eye protection appropriate to the process according to BS EN 166.

Hand protection: Wear nitrile or neoprene gloves. Exact choice of glove depends on specific risk assessments.

Body protection: As necessary to prevent contact.

Respiratory protection: Use in a well ventilated area. Avoid breathing vapour or spray. Wear a respirator if high vapour levels are likely.

Other protection:

Personal protective equipment:



Exact PPE requirements should be determined from a specific risk assessment of the processes being carried out.

Environmental protection: Prevent mixture from entering water courses.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance: Clear, colourless liquid

Odour: Characteristic, solvent

pH (typical): Not applicable

Initial boiling point: 155°C.

Flash point: 48°C typical.

Auto-ignition temp: >400°C.

Viscosity: Free flowing.

Explosive properties: Vapour can form explosive mixtures with air.

Oxidising properties: None.

Vapour pressure: 5mm Hg at 20°C.

Solubility: Immiscible with water.

Relative density at 20° C (typical): 0.875

9.2. Other information

SECTION 10: Stability and reactivity

- 10.1. Reactivity** Incompatible with strong oxidising agents and acids.
- 10.2. Chemical stability** Stable under recommended storage conditions.
- 10.3. Possibility of hazardous reactions** No hazardous reactions are expected to occur.
- 10.4. Conditions to avoid** Heat and flames.
- 10.5. Incompatible materials** Incompatible with strong oxidising agents and acids.
- 10.6. Hazardous decomposition products** May produce toxic fumes in fire.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

- Acute toxicity: Contains ingredients classified as Acute Tox. Section 3. Mixture is not classified as Scute Tox.
- Skin corrosion/ irritation: Contains an ingredient classified as Skin Irrit. Section 3. Mixture is not classified as Skin Irrit.
- Serious eye damage/ irritation: Contains an ingredient classified as Eye Irrit. Section 3. Mixture is not classified as Eye Irrit.
- Respiratory or skin sensitisation: Does not contain any ingredients classified as sensitising.
- Germ cell mutagenicity: Does not contain any ingredients classified as mutagenic.
- Carcinogenicity: Does not contain any ingredients classified as carcinogenic.
- Reproductive toxicity: Contains an ingredient classified as Repr. Section 3. Mixture is not classified as Repr.
- STOT single exposure: Mixture is classified as STOT SE3. See section 2.
- STOT repeated exposure: Contains an ingredient classified as STOT RE. Section 3. Mixture is not classified as STS RE.
- Aspiration toxicity: Mixture is classified as Asp Tox. See section 2.

Routes of exposure/ symptoms

- Eye contact: Will cause irritation.
- Skin contact: Prolonged or repeated contact may cause irritation/dryness.
- Inhalation: May cause irritation of the respiratory tract, headache, dizziness and nausea.
- Ingestion: Moderate toxicity. Main danger is of lung damage by aspiration. Will cause irritation.

SECTION 12: Ecological information

- 12.1. Toxicity** May affect aquatic organisms due to hydrocarbon content if released into water courses untreated.
- 12.2. Persistence and degradability** All organic ingredients are biodegradable when well diluted.
- 12.3. Bioaccumulative potential** Not expected to bioaccumulate
- 12.4. Mobility in soil** This product has no water solubility
- 12.5. Results of PBT and vPvB assessment** Contains no ingredients classified as PBT or vPvB.
- 12.6. Other adverse effects** No other adverse effects are anticipated.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

- Dispose of surplus product and packaging via a licenced chemical waste contractor.
- Dispose of used cloths carefully - fire hazard.
- Empty containers may contain hazardous residues.

SECTION 14: Transport information

- 14.1. UN number** 1993 **14.2. UN proper shipping name** Flammable Liquid, N.O.S.
- 14.3. Transport hazard class(es)** 3 **14.4. Packing group** 3
- 14.5. Environmental hazards** Toxic to aquatic life with long lasting effects
- 14.6. Special precautions for user** No specific precautions.
- 14.7. Transport in bulk according to Annex II of MARPOL 7 3/78 and the IBC Code** Not available for bulk transport.

SECTION 15: Regulatory information

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

Contents according to (EC) regulation No.648/2004 on detergents:

Aromatic hydrocarbons >30%

15.2. Chemical safety assessment A chemical safety assessment has not been carried out.

SECTION 16: Other information

Hazard statements relating to ingredients (see section 3)

H226 Flammable liquid and vapour H225 Highly flammable liquid and vapour

H336 May cause drowsiness or dizziness

H335 May cause respiratory irritation

H304 May be fatal if swallowed and enters airways

H411 Toxic to aquatic life with long lasting effects

H332 Harmful if inhaled H319 Causes serious eye irritation

H312 Harmful in contact with skin H315 Causes skin irritation

H361d Suspected of damaging the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure

H302 Harmful if swallowed

LC50 fish 9.2 mg/l EC50 daphnia 6.1mg/l LC50 algae 1-10mg/l

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This product should be stored, handled and used in accordance with good industrial practice and in conformity with legal regulations. The information in this data sheet is based on the present state of our knowledge and is intended to describe products from the point of view of safety requirements and thus should not be construed as guaranteeing specific properties. It is for users to satisfy themselves of the suitability of this product for their own applications.

