

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: Q3XL

Name: Quadrapower XL

1.2. Product Uses

Traffic film remover.

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: Eye Dam. 1, Skin Irrit. 2

Physical Hazards: Met. Corr. 1

Environmental Hazards: Not Classified

2.2. Label elements

According to 1272/2008

Danger



H318 Causes serious eye damage

H315 Causes skin irritation

H290 May be corrosive to metals

P264 Wash hands thoroughly after handling.

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

P302 + P352 IF ON SKIN: Wash with plenty of water.

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

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

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

P390 Absorb spillage to prevent material damage.

P234 Keep only in original container.

P405 Store locked up.

2.3. Other hazards

SECTION 3: Composition/ information on ingredients

| Material | CAS number | Level | Hazards (see section 16) |
|-----------------------------|-------------------|--------------|---------------------------------|
| Trisodium nitrilotriacetate | 5064-31-3 | 1-5% | Xn R40 R22 Xi R36/38 |
| Sodium hydroxide | 1310-73-2 | 0.5-2.0% | C R35 |
| Anionic surfactant | 1300-72-7 | 1-5% | Xi R36 |
| Surfactant emulsifier | 61791-14-8 | 0.5-2.0% | Xn R22 R41 N R51/53 |

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 using a proprietary cleanser. Seek medical attention if irritation persists.
- Inhalation: If irritation occurs, remove to fresh air, keep warm and at rest, seek medical attention immediately.
- Ingestion: Do not induce vomiting. If conscious, give water to drink. 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: Will cause irritation.
- Respiratory hazard: Breathing spray mist may cause irritation.
- Other hazards:

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

SECTION 5: Fire fighting measures

Flammability hazard: Not combustible.

5.1. Extinguishing media

Not applicable.

5.2. Special hazards arising from the mixture

5.3. Advice for firefighters

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

6.2. Environmental precautions

6.3. Methods and material for containment and cleaning up

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.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool, dry place protected from frost and away from acids and strong oxidising agents. Store upright in original containers.

7.3. Product Uses

Optimum working concentration is around 1% at the point of application, with either hot or cold water. For the greatest safety and economy, adjust the detergent feed to be just sufficient to give the required cleaning action. Minimise contact with alkali sensitive surfaces. Rinse the cleaned surface with water, not allowing the cleaning solution to dry on. Machine manufacturers recommend you run plain water through the machine after use.

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

Sodium hydroxide 2mg/m³ OES 15 min STEL

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 chemical splash goggles to BS EN 166 34B
Hand protection: Wear pvc or latex 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 spray mist, wear a protective mask to EN149 if necessary.
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: Purple liquid.

Odour: Mild, characteristic.

pH (typical): 11.2 1% in water (typical).

Initial boiling point: 100°C.

Flash point: Not applicable.

Auto-ignition temp: Not applicable.

Viscosity: Free flowing.

Explosive properties: Not applicable.

Oxidising properties: Not applicable.

Vapour pressure: 17.5mm Hg at 20°C.

Solubility: Miscible with water.

Relative density at 20° C (typical): 1.066

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**
- 10.4. Conditions to avoid** Extremes of temperature.
- 10.5. Incompatible materials** Incompatible with strong oxidising agents and acids.
- 10.6. Hazardous decomposition products** None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity:

Skin corrosion/ irritation:

Serious eye damage/ irritation:

Respiratory or skin sensitisation:

Germ cell mutagenicity:

Carcinogenicity:

Reproductive toxicity:

STOT single exposure:

STOT repeated exposure:

Aspiration toxicity:

Routes of exposure/ symptoms

Eye contact: Will cause irritation.

Skin contact: Will cause irritation.

Inhalation: Breathing spray mist may cause irritation.

Ingestion: Moderate toxicity, will cause irritation and damage to gastro-intestinal tract due to alkalinity.

SECTION 12: Ecological information

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

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

Process effluent can normally be discharged to foul sewer (subject to consent limits).

Large quantities, dispose via a licensed chemical waste contractor.

SECTION 14: Transport information

- 14.1. UN number** not classified **14.2. UN proper shipping name**
- 14.3. Transport hazard class(es)** **14.4. Packing group**
- 14.5. Environmental hazards**
- 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:

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)

R22 Harmful if swallowed.

R35 Causes severe burns.

R41 Risk of serious damage to eyes.

R36/38 Irritating to eyes and skin.

R51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

R36 Irritating to eyes.

R40 Limited evidence of a carcinogenic effect

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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.

