

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: V1SIR

Name: Fine Rinse

1.2. Product Uses

Solvent rinse for components and assemblies

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



H226 Flammable liquid and vapour

H304 May be fatal if swallowed and enters airways

H336 May cause drowsiness or dizziness

H411 Toxic to aquatic life with long lasting effects

EUH066 Repeated exposure may cause skin dryness or cracking.

P273 Avoid release to the environment.

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

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

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTRE/doctor/...

P405 Store locked up.

2.3. Other hazards

SECTION 3: Composition/ information on ingredients

| Material | CAS number | Level | Hazards (see section 16) | |
|---------------------|-------------------|--------------|---------------------------------------------------------|----------------------------|
| Hydrocarbon solvent | Mixture | 70-100% | Aquatic Chronic 2, Asp. Tox. 1, Flam. Liq. 3, STOT SE 3 | H226 H304 H336 H411 EUH066 |

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: 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: Excessive exposure may cause irritation of the respiratory tract, headache, dizziness and nausea.
- Other hazards: May be fatal if swallowed and enters airways.

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. Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the mixture

During fire, toxic gases (CO, CO₂) are formed. Vapours are heavier than air and may spread near ground to sources of ignition. Heting may gene

5.3. Advice for firefighters

Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers

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

Spillage will make floors slippery.

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

Immerse the components in two successive baths of Fine Rinse. Allow to drain and dry. Replace with fresh product as necessary, depending on the degree of soiling present.

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

Hydrocarbon solvent 350mg/m³ WEL 8 hour TWA (UK EH40)

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 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: Clear, colourless liquid.

Odour: Characteristic, solvent.

pH (typical): Not Applicable.

Initial boiling point: 152°C.

Flash point: 35°C typical.

Auto-ignition temp: 200°C.

Viscosity: Free flowing.

Explosive properties: Not applicable.

Oxidising properties: Not applicable.

Vapour pressure: 5mm Hg at 20°C.

Solubility: Immiscible with water.

Relative density at 20° C (typical): 0.772

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** Extremes of temperature.
- 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: Does not contain any ingredients classified as acutely toxic.
- Skin corrosion/ irritation: Based on available data, the classification criteria are not met.
- Serious eye damage/ irritation: Based on available data, the classification criteria are not met.
- Respiratory or skin sensitisation: Based on available data, the classification criteria are not met.
- 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: Mixture is classified as STOT SE. See section 2.
- STOT repeated exposure: Based on available data, the classification criteria are not met.
- 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: Excessive exposure may cause irritation of the respiratory tract, headache, dizziness and nausea.
- Ingestion: Moderate toxicity. Main danger is of lung damage by aspiration.

SECTION 12: Ecological information

- 12.1. Toxicity** Will affect aquatic organisms due to hydrocarbon content if released into water courses untreated.
- 12.2. Persistence and degradability** Degredation (75%) 28 days
- 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.

SECTION 14: Transport information

- 14.1. UN number** 1268 **14.2. UN proper shipping name** Petroleum distillates, N.O.S.
- 14.3. Transport hazard class(es)** 3 **14.4. Packing group** 3
- 14.5. Environmental hazards** Classified as Toxic to aquatic life for supply
- 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)

H226 Flammable liquid and vapour

H304 May be fatal if swallowed and enters airways

H336 May cause drowsiness or dizziness

H411 Toxic to aquatic life with long lasting effects

EUH066 Repeated exposure may cause skin dryness or cracking.

Date of issue: 22 September 2014 Issue number: 1 Date of printing: 15 May 2015

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.

