

**SAFETY DATA SHEET****R2**

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

**Product name** R2  
**Product number** 399-14

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

**Identified uses** Car maintenance product. - Polish.  
**Uses advised against** This product is not recommended for any industrial, professional or consumer use other than the Identified uses above.

**1.3. Details of the supplier of the safety data sheet**

**Supplier** Autosmart International Ltd  
Lynn Lane,  
Shenstone, nr Lichfield  
Staffordshire. WS14 0DH  
England  
www.autosmartinternational.com  
Tel: +44 (0) 1543 481616 (09:00 - 17:00)  
Fax: +44 (0) 1543 481549 (09:00 - 17:00)  
info@autosmartinternational.com

**Contact person** Mr. Russell Butler

**1.4. Emergency telephone number**

**Emergency telephone** Mob: +44 (0) 7808 971321 (24hrs)  
Tel: +44 (0) 1543 481616 (09:00 - 17:00)  
Fax: +44 (0) 1543 481549 (09:00 - 17:00)

If you urgently need medical help or advice but it's not a life-threatening situation, call 111 free from any phone to speak to an NHS adviser. The 24-hour NHS 111 service can give you healthcare advice or direct you to the local service that can help you best.

The NHS 111 service will also be available via the harmonised European number for medical advice 116 117

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification****Physical hazards**

Not Classified

**Health hazards**

Elicitation (Skin Sens.)

**Environmental hazards**

Not Classified

Classification (67/548/EEC or 1999/45/EC)

**2.2. Label elements****Hazard statements**

EUH208 Contains Reaction mass of: 5-chloro-2-methyl-4-iso-thiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

**R2****Precautionary statements**

P280 Wear protective gloves.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Detergent labelling**

< 5% non-ionic surfactants, Contains TETRAMETHYLOLGLYCOLURIL, Reaction mass of: 5-chloro-2-methyl-4-iso-thiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1), Formaldehyde

**2.3. Other hazards****SECTION 3: Composition/information on ingredients****3.2. Mixtures**

<b>Distillates (petroleum), hydrotreated light.</b>	<b>30-60%</b>
CAS number: 64742-47-8 EC number: 265-149-8 REACH registration number: 01-2119484819-18-XXXX Substance with a Community workplace exposure limit.	
<b>Classification</b> Asp. Tox. 1 - H304	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn;R65. R66.
<b>Aluminium oxide</b>	<b>10-15%</b>
CAS number: 1344-28-1 EC number: 215-691-6 REACH registration number: 01-2119529248-35-xxxx	
<b>Classification</b> Not Classified	<b>Classification (67/548/EEC or 1999/45/EC)</b> -
<b>White Mineral Oil (Petroleum)</b>	<b>5-10%</b>
CAS number: 8042-47-5 EC number: 232-455-8 REACH registration number: 01-2119487078-27-xxxx Substance with National workplace exposure limits.	
<b>Classification</b> Asp. Tox. 1 - H304	<b>Classification (67/548/EEC or 1999/45/EC)</b> -

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****Inhalation**

Move affected person to fresh air at once. Get medical attention if any discomfort continues.

**Ingestion**

Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if any discomfort continues.

**Skin contact**

Wash skin thoroughly with soap and water. Use suitable lotion to moisturise skin. Get medical attention if any discomfort continues.

**Eye contact**

Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

**4.2. Most important symptoms and effects, both acute and delayed****4.3. Indication of any immediate medical attention and special treatment needed****SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

**5.2. Special hazards arising from the substance or mixture****Specific hazards**

Oxides of the following substances: Carbon.

**5.3. Advice for firefighters**

## R2

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****Personal precautions**

For personal protection, see Section 8.

**6.2. Environmental precautions****Environmental precautions**

Do not discharge into drains or watercourses or onto the ground.

**6.3. Methods and material for containment and cleaning up****Methods for cleaning up**

Avoid the spillage or runoff entering drains, sewers or watercourses. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13. Flush contaminated area with plenty of water. Take care as floors and other surfaces may become slippery.

**6.4. Reference to other sections****SECTION 7: Handling and storage****7.1. Precautions for safe handling****Usage precautions**

Avoid spilling. Avoid contact with skin and eyes. Avoid inhalation of vapours. During application and drying, solvent vapours will be emitted.

**7.2. Conditions for safe storage, including any incompatibilities****Storage precautions**

Store in tightly-closed, original container in a dry, cool and well-ventilated place.

**7.3. Specific end use(s)****SECTION 8: Exposure Controls/personal protection****8.1. Control parameters****Occupational exposure limits****Distillates (petroleum), hydrotreated light.**

Long-term exposure limit (8-hour TWA): WEL 1000 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL

**Aluminium oxide**

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL

**White Mineral Oil (Petroleum)**

Long-term exposure limit (8-hour TWA): WEL 5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 10 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

**Ingredient comments**

WEL = Workplace Exposure Limits

**Distillates (petroleum), hydrotreated light. (CAS: 64742-47-8)**

DNEL Consumer - Oral; Long term : 19 mg/kg/day

**Aluminium oxide (CAS: 1344-28-1)**

DNEL - Inhalation; Long term : 3 mg/m<sup>3</sup>

**C9-11 Alcohol 12EO (CAS: 68439-46-3)****Ingredient comments**

No exposure limits known for ingredient(s).

**8.2. Exposure controls****Protective equipment**

## R2

### Appropriate engineering controls

No specific ventilation requirements. This product must not be handled in a confined space without adequate ventilation.

### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Wear protective gloves made of the following material: Nitrile rubber. Neoprene. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

### Other skin and body protection

Provide eyewash station.

### Hygiene measures

Provide eyewash station. Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

### Respiratory protection

No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Combination filter, type A2/P3.

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## SECTION 9: Physical and Chemical Properties

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### 9.1. Information on basic physical and chemical properties

#### Appearance

Viscous liquid. Liquid.

#### Colour

Pink.

#### Odour

Mild.

#### Flash point

> 62°C CC (Closed cup).

#### Relative density

ca 1.030 @ (20°C)°C

#### Solubility(ies)

Insoluble in water.

### 9.2. Other information

#### Volatile organic compound

This product contains a maximum VOC content of 345 g/l.

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## SECTION 10: Stability and reactivity

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### 10.1. Reactivity

### 10.2. Chemical stability

#### Stability

Stable at normal ambient temperatures and when used as recommended.

### 10.3. Possibility of hazardous reactions

### 10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

### 10.5. Incompatible materials

### 10.6. Hazardous decomposition products

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

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## SECTION 11: Toxicological information

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### 11.1. Information on toxicological effects

#### General information

This product has low toxicity. Only large quantities are likely to have adverse effects on human health.

**R2****Inhalation**

No specific health hazards known.

**Ingestion**

May cause discomfort if swallowed.

**Skin contact**

May cause defatting of the skin but is not an irritant.

**Eye contact**

No specific health hazards known.

**Acute and chronic health hazards**

This product has low toxicity. Only large quantities are likely to have adverse effects on human health.

**Medical symptoms**

No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.

**Medical considerations**

Not known.

**SECTION 12: Ecological Information****Ecotoxicity**

No negative effects on the aquatic environment are known.

**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****12.6. Other adverse effects****SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal methods**

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Avoid the spillage or runoff entering drains, sewers or watercourses.

**SECTION 14: Transport information****14.1. UN number**

UN No. (ADR/RID) 0

UN No. (IMDG)

**14.2. UN proper shipping name**

Proper shipping name (ADR/RID) SODIUM HYDROXIDE SOLUTION

Proper shipping name (IMDG) SODIUM HYDROXIDE SOLUTION

Proper shipping name (ICAO) SODIUM HYDROXIDE SOLUTION

Proper shipping name (ADN) SODIUM HYDROXIDE SOLUTION

**14.3. Transport hazard class(es)**

ADR/RID class

IMDG class

**14.4. Packing group**

ADR/RID packing group

IMDG packing group

**14.5. Environmental hazards****14.6. Special precautions for user**

Emergency Action Code

**R2**

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

**SECTION 15: Regulatory information**

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

**National regulations**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

**Guidance**

Workplace Exposure Limits EH40.

**Occupational Air Requirement**

YL-gruppe: 3

**15.2. Chemical safety assessment**

**SECTION 16: Other information**

**General information**

Only trained personnel should use this material.

**Revision date** 03/03/2015

**Revision** 1

**Supersedes date** 11/05/2007

**Risk phrases in full**

- NC Not classified.
- R22 Harmful if swallowed.
- R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
- R34 Causes burns.
- R41 Risk of serious damage to eyes.
- R43 May cause sensitisation by skin contact.
- R50/53 Very 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.

**Hazard statements in full**

- H301 Toxic if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H311 Toxic in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H331 Toxic if inhaled.
- H335 May cause respiratory irritation.
- H351 Suspected of causing cancer.
- H372 Causes damage to organs through prolonged or repeated exposure.
- EUH208 Contains Reaction mass of: 5-chloro-2-methyl-4-iso-thiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

**Disclaimer**

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.