



# HARD WATER RINSE AID

Supplementary Precautionary Statements

P264

Wash contaminated skin thoroughly after handling.

## 2.3. Other hazards

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

|                                                      |                                        |
|------------------------------------------------------|----------------------------------------|
| <b>CITRIC ACID ANHYDROUS</b>                         | <b>5-10%</b>                           |
| <b>CAS-No.: 77-92-9</b>                              | <b>EC No.: 201-069-1</b>               |
| Classification (EC 1272/2008)<br>Eye Irrit. 2 - H319 | Classification (67/548/EEC)<br>Xi;R36. |

|                                                                              |                                           |
|------------------------------------------------------------------------------|-------------------------------------------|
| <b>ALCOHOL ALKOXYLATE</b>                                                    | <b>5-10%</b>                              |
| <b>CAS-No.:</b>                                                              | <b>EC No.:</b>                            |
| Classification (EC 1272/2008)<br>Skin Irrit. 2 - H315<br>Eye Irrit. 2 - H319 | Classification (67/548/EEC)<br>Xi;R36/38. |

|                                                                              |                                           |
|------------------------------------------------------------------------------|-------------------------------------------|
| <b>ALCOHOL ALKOXYLATE</b>                                                    | <b>1-5%</b>                               |
| <b>CAS-No.:</b>                                                              | <b>EC No.:</b>                            |
| Classification (EC 1272/2008)<br>Skin Irrit. 2 - H315<br>Eye Irrit. 2 - H319 | Classification (67/548/EEC)<br>Xi;R36/38. |

|                                                                                                  |                                              |
|--------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>SODIUM XYLENE SULPHONATE</b>                                                                  | <b>1-5%</b>                                  |
| <b>CAS-No.: 1300-72-7</b>                                                                        | <b>EC No.: 215-090-9</b>                     |
| Classification (EC 1272/2008)<br>Skin Irrit. 2 - H315<br>Eye Irrit. 2 - H319<br>STOT SE 3 - H335 | Classification (67/548/EEC)<br>Xi;R36/37/38. |

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 into fresh air and keep at rest.

##### Ingestion

Rinse mouth thoroughly. Get medical attention if any discomfort continues.

##### Skin contact

Wash skin with soap and water.

##### Eye contact

Promptly wash eyes with plenty of water while lifting the eye lids. 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

##### Inhalation.

No specific symptoms noted.

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## **Ingestion**

No specific symptoms noted.

## **Skin contact**

No specific symptoms noted.

## **Eye contact**

May cause temporary eye irritation.

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

No specific first aid measures noted.

## **SECTION 5: FIREFIGHTING MEASURES**

### **5.1. Extinguishing media**

#### **Extinguishing media**

Use fire-extinguishing media appropriate for surrounding materials.

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

#### **Hazardous combustion products**

In case of fire, toxic gases (CO, CO<sub>2</sub>, NO<sub>x</sub>) may be formed.

### **5.3. Advice for firefighters**

#### **Special Fire Fighting Procedures**

No specific fire fighting procedure given.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### **6.1. Personal precautions, protective equipment and emergency procedures**

Wear protective clothing as described in Section 8 of this safety data sheet.

### **6.2. Environmental precautions**

Do not discharge onto the ground or into water courses.

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

Absorb with inert, damp, non-combustible material, then flush area with water.

### **6.4. Reference to other sections**

## **SECTION 7: HANDLING AND STORAGE**

### **7.1. Precautions for safe handling**

Avoid spilling, skin and eye contact.

### **7.2. Conditions for safe storage, including any incompatibilities**

Store in closed original container at temperatures between 5°C and 30°C.

#### **Storage Class**

Chemical storage.

### **7.3. 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**

#### **Ingredient Comments**

No exposure limits noted for ingredient(s).

### **8.2. Exposure controls**

#### **Protective equipment**

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## Hand protection

Chemical resistant gloves required for prolonged or repeated contact. Use protective gloves made of: Rubber, neoprene or PVC.

## Eye protection

Wear approved chemical safety goggles where eye exposure is reasonably probable.

## Hygiene measures

Wash hands after handling.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

|                          |                   |
|--------------------------|-------------------|
| Appearance               | Clear liquid.     |
| Colour                   | Dark. Blue.       |
| Odour                    | Mild.             |
| Solubility               | Soluble in water. |
| Relative density         | 1.040 @ 25°C      |
| pH-Value, Conc. Solution | 2.0 - 2.5         |

### 9.2. Other information

Not determined.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No specific reactivity hazards associated with this product.

### 10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

### 10.3. Possibility of hazardous reactions

Not determined.

### 10.4. Conditions to avoid

Avoid frost.

### 10.5. Incompatible materials

#### Materials To Avoid

No specific, or groups of materials are likely to react to produce a hazardous situation.

### 10.6. Hazardous decomposition products

In case of fire, toxic gases (CO, CO<sub>2</sub>, NO<sub>x</sub>) may be formed.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Skin Corrosion/Irritation:

#### Extreme pH.

Moderate pH (> 2 and < 11.5).

Conclusive data but not sufficient for classification.

#### Medical Symptoms

EYES AND MUCOUS MEMBRANES. Irritation of eyes and mucous membranes. DIGESTIVE SYSTEM. Nausea, vomiting.

## SECTION 12: ECOLOGICAL INFORMATION

#### Ecotoxicity

Not regarded as dangerous for the environment.

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## 12.1. Toxicity

### Acute Toxicity - Fish

Not determined.

## 12.2. Persistence and degradability

### Degradability

The product is expected to be biodegradable.

## 12.3. Bioaccumulative potential

### Bioaccumulative potential

The product is not bioaccumulating.

## 12.4. Mobility in soil

### Mobility:

The product is soluble in water.

## 12.5. Results of PBT and vPvB assessment

## 12.6. Other adverse effects

Not determined.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

## SECTION 14: TRANSPORT INFORMATION

### General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not available.

### 14.3. Transport hazard class(es)

#### Transport Labels

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

#### Environmentally Hazardous Substance/Marine Pollutant

No.

### 14.6. Special precautions for user

Not applicable.

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

Not applicable.

## SECTION 15: REGULATORY INFORMATION

# HARD WATER RINSE AID

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

### **Uk Regulatory References**

Chemicals (Hazard Information & Packaging) Regulations.

### **Statutory Instruments**

Control of Substances Hazardous to Health.

### **Guidance Notes**

Workplace Exposure Limits EH40.

### **EU Legislation**

Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

## 15.2. Chemical Safety Assessment

### SECTION 16: OTHER INFORMATION

#### **General information**

Only trained personnel should use this material.

**Revision** 1.0

**Date** 02/02/2012

#### **Risk Phrases In Full**

R36/38 Irritating to eyes and skin.

R36/37/38 Irritating to eyes, respiratory system and skin.

R36 Irritating to eyes.

#### **Hazard Statements In Full**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

#### 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.