



# MATERIAL SAFETY DATA SHEET

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Revision nr : 3

Date : 16/1/2008

Supersedes : 26/5/2006

**R-Clean Floorstrip****500001236910**

## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**Trade name** : R-Clean Floorstrip  
**Use** : Industrial cleaner.  
**Company identification** : Quaron Cleaning Systems B.V.  
Groot Mijdrechtstraat 52  
3641 RW Mijdrecht Nederland  
Tel: +31-297-274390 Fax: +31-297-272442  
E-mail : msds@quaron.com Site: www.quaron-cs.com  
**Emergency phone nr** : Contact your National Anti Poison Centre. (Only to be contacted by a physician)  
**Other** : 500001236910

## 2. HAZARDS IDENTIFICATION

**Hazards identification** : This product is not considered to be hazardous.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Substance / Preparation** : Preparation.  
**Composition** : Regulation (CE) No. 648/2004 of 31 March 2004 on detergents:  
**Contains** : < 5% : - Phosphates - Nonionic surfactants - Nitrilotriacetic acid  
Perfumes

### Components dangerous for health or environment (Guideline 67/548/EEG):

Substance name	Value(s)	CAS	EG	EC index	Classification
2-butoxyethanol	: 5 - 15 %	111-76-2	203-905-0	603-014-00-0	Xn; R20/21/22 Xi; R36/38
Trisodium nitrilo triacetate	: 1 - 5 %	5064-31-3	225-768-6	-----	Xn; R22 Xi; R36
Sodium xylene sulfonate	: 1 - 5 %	1300-72-7	215-090-9	-----	
2-ethylhexanoic acid	: 1 - 5 %	149-57-5	205-743-6	607-230-00-6	Repr. Cat. 3; R63
Fatty alcohol (C16-18) ethoxylate	: 1 - 5 %	68131-39-5	-----	-----	Xi; R36/38
<i>Other information</i>	: <i>Full text of R-Phrases : see under section 16.</i>				

## 4. FIRST AID MEASURES

**First aid measures**

- Inhalation : No special requirements.
- Skin contact : No special requirements.
- Eye contact : Rinse immediately with plenty of water. Seek medical attention if ill effect or irritation develops.
- Ingestion : Rinse mouth. Give water to drink. If you feel unwell, seek medical advice (show the label where possible).

## 5. FIRE-FIGHTING MEASURES

**Extinguishing media** : Not combustible.  
All extinguishing media can be used.

**Special protection measures** : No special requirements.



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### 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : No special requirements.  
**Environmental precautions** : Prevent entry to sewers, ground and public waters.  
**Clean up methods** : Clean up any spills as soon as possible, using an absorbent material to collect the spill. Use suitable disposal containers. Dilute residues and flush.

### 7. HANDLING AND STORAGE

- General**  
**Storage** : No special requirements.  
**Handling** : No special requirements.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Occupational Exposure Limits** : 2-butoxyethanol : MAC Value - Netherlands : 20 ppm; 100 mg/m<sup>3</sup> (H)  
2-butoxyethanol : MAC Value - Belgium : 20 ppm; 98 mg/m<sup>3</sup>  
2-butoxyethanol : MAC Value - France : 2 ppm; 9.8 mg/m<sup>3</sup> (VME = 30 ppm; 147.6 mg/m<sup>3</sup>)
- Personal protection**  
- **Respiratory protection** : Not required.  
- **Hand protection** : Not required.  
- **Eye protection** : Not required.  
- **Skin protection** : Not required.  
- **Ingestion** : No special requirements.  
**Industrial hygiene** : Handle in accordance with good industrial hygiene and safety procedures.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state** : Liquid.  
**Colour** : Colourless.  
**Odour** : Pleasant.  
**pH value** : 9.5  
**Auto-ignition temperature [°C]** : Not applicable.  
**Explosion limits - lower [%]** : Not applicable.  
**Viscosity (mPa.s)** : 5 mPa.s  
**Density** : 1.1 g/cm<sup>3</sup>  
**Solubility in water [g/100ml]** : Mixable in all proportions

### 10. STABILITY AND REACTIVITY

- Stability** : Stable under normal conditions.  
**Hazardous reactions** : None  
**Materials to avoid** : Not applicable



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### 11. TOXICOLOGICAL INFORMATION

**Toxicity information****Acute toxicity****Effects by ingestion** : None**Effects on skin contact** : Repeated dermal contact with material can lead to defatting of the skin.**Effects on inhalation** : None**Effects on eye contact** : Slightly irritating to eyes.

### 12. ECOLOGICAL INFORMATION

**Ecological effects information****Mobility** : In water, material soluble.**Persistence - degradability** : The surfactants are biodegradable for more than 90% according to the OECD test 301 concerned.**National prescriptions****WGK class (Germany)** : Water hazard class 1 : slightly hazardous for water**General evaluation method (NL)** : Water hazard class 11  
Sanitizing effort B

### 13. DISPOSAL CONSIDERATIONS

**Disposal method** : Dispose in a safe manner in accordance with local/national regulations.**Contaminated packaging** : Dispose in a safe manner in accordance with local/national regulations.

### 14. TRANSPORT INFORMATION

**General information****ADR/RID** : Not classified.

### 15. REGULATORY INFORMATION

**EC Labelling** : Classification and labelling following EC directives 67/548/EEC and 1999/45/EC and their adaptations to technical progress**Symbol(s)** : None**R Phrase(s)** : None**S Phrase(s)** : None

### 16. OTHER INFORMATION

The contents and format of this MSDS are in accordance with regulation (EC) no. 1907/2006 of the European Parliament and Council of 18 December 2006 concerning the registration, evaluation, authorisation and restriction of Chemicals (REACH).

**Appendix**

Of the raw materials in chapter 3 at moment of reporting of this material safety data sheet, chemical safety reports have not been registered in the scope of regulation (EC) no. 1907/2006.

**R-phrases of components mentioned in chapter 3.** : R20/21/22 : Harmful by inhalation, in contact with skin and if swallowed.  
R22 : Harmful if swallowed.

R36 : Irritating to eyes.

R36/38 : Irritating to eyes and skin.

R63 : Possible risk of harm to the unborn child.



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