SAFETY DATA SHEET
Quadient Rubber Roller Restorer

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: Quadient Rubber Roller Restorer
Product number: 9103796V (E0483A)

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

Identified uses: Cleaning agent.
Uses advised against: No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier: Quadient TECHNOLOGIES UK LTD
Oakwood Hill Ind Est
Loughton
Essex
IG10 3TZ

044 (0) 20 8502 1011

1.4. Emergency telephone number

Emergency telephone: 044 (0) 20 8502 1011

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC/1272/2008)
EC No 1272/2008
Physical hazards: Not Classified
Health hazards: Asp. Tox. 1 - H304
Environmental hazards: Not Classified


2.2. Label elements

Pictogram

Signal word: Danger
Hazard statements: H304 May be fatal if swallowed and enters airways.
Quaddent Rubber Roller Restorer

Precautionary statements

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor. P331 Do NOT induce vomiting. P405 Store locked up. P501 Dispose of contents/container in accordance with national regulations.

Contains

C11-C15 ISO-ALKANES

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

<table>
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<tr>
<th>C11-C15 ISO-ALKANES</th>
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<tr>
<td>CAS number: —</td>
<td>EC number: 927-285-2</td>
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<td>REACH registration number: 01-2119480162-45-XXXX</td>
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<th>Classification</th>
<th>Classification (67/548/EEC or 1999/45/EC)</th>
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<tbody>
<tr>
<td>Asp. Tox. 1 - H304</td>
<td>Xn;R65. R66.</td>
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<table>
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<tr>
<th>3-BUTOXYPROPAN-2-OL</th>
<th>10-30%</th>
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<tbody>
<tr>
<td>CAS number: 5131-66-8</td>
<td>EC number: 225-878-4</td>
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<th>Classification (67/548/EEC or 1999/45/EC)</th>
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<tbody>
<tr>
<td>Skin Irrit. 2 - H315</td>
<td>Xi;R36/38</td>
</tr>
<tr>
<td>Eye Irrit. 2 - H319</td>
<td></td>
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</tbody>
</table>

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Composition comments

No classified ingredients, or those having occupational exposure limits, present above the levels of disclosure.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Move affected person to fresh air at once. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

Ingestion

Rinse mouth thoroughly with water. Get medical attention.

Skin contact

Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

Eye contact

Remove any contact lenses and open eyelids wide apart. Rinse with 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

Skin contact

No specific symptoms known.

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

Notes for the doctor

Treat symptomatically.

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.
Quaident Rubber Roller Restorer

5.2. Special hazards arising from the substance or mixture
Specific hazards No unusual fire or explosion hazards noted.
Hazardous combustion products Does not decompose when used and stored as recommended.

5.3. Advice for firefighters
Protective actions during firefighting No specific firefighting precautions known.

SECTION 6: Accidental release measures
6.1. Personal precautions, protective equipment and emergency procedures
Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

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 Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water.

6.4. Reference to other sections
Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet. See Section 11 for additional information on health hazards. Collect and dispose of spillage as indicated in Section 13.

SECTION 7: Handling and storage
7.1. Precautions for safe handling
Usage precautions Avoid spilling. Avoid contact with skin and eyes.

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. Keep only in the original container.

7.3. Specific end use(s)
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
Occupational exposure limits
C11-C15 ISO-ALKANES
Long-term exposure limit (8-hour TWA): 1200 mg/m³

3-BUTOXYPROPAN-2-OL
Long-term exposure limit (8-hour TWA): SUP 50 ppm

8.2. Exposure controls
Appropriate engineering controls No specific ventilation requirements.
Quadient Rubber Roller Restorer

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 or face shield. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection
No specific hand protection recommended. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. 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. To protect hands from chemicals, gloves should comply with European Standard EN374.

Other skin and body protection
Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures
Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. When using do not eat, drink or smoke.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties
Appearance
Liquid.
Colour
Colourless.
Odour
Characteristic.
Melting point
-50°C/-58°F
Initial boiling point and range
173°C/343.4°F @
Flash point
> 60°C/140°F CC (Closed cup).
Upper/lower flammability or explosive limits
: 0.60
Relative density
> 0.790 @ 20°C/68°F
Solubility(ies)
Immiscible with water.
Auto-ignition temperature
200°C/392°F
Viscosity
1.48 mPa s @ 25°C/77°F

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity
Reactivity
There are no known reactivity hazards associated with this product.

10.2. Chemical stability
Stability
Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions
Possibility of hazardous reactions
Not known. Will not polymerise.

10.4. Conditions to avoid
Conditions to avoid
Avoid excessive heat for prolonged periods of time.
Quadient Rubber Roller Restorer

10.5. Incompatible materials

Materials to avoid

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Other health effects

There is no evidence that the product can cause cancer.

Acute and chronic health hazards

No specific health hazards known.

SECTION 12: Ecological Information

12.1. Toxicity

Ecotoxicity

Dangerous for the environment if discharged into watercourses.

Toxicity

Not considered toxic to fish.

Acute toxicity - fish

No information required.

Acute toxicity - aquatic invertebrates

No information required.

Acute toxicity - aquatic plants

No information required.

Acute toxicity - microorganisms

No information required.

Ecological information on ingredients.

3-BUTOXYPROPAN-2-OL

Acute toxicity - fish

LC₅₀, 96 hours: 560-1000 mg/l, Fish

Acute toxicity - aquatic invertebrates

EC₅₀, 48 hours: >1000 mg/l, Daphnia magna

12.2. Persistence and degradability

Persistence and degradability

There are no data on the degradability of this product.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

Mobility

The product is water-soluble and may spread in water systems.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects

Not known.
Quadient Rubber Roller Restorer

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.

SECTION 14: Transport information

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

Road transport notes Not classified.

Rail transport notes Not classified.

Sea transport notes Not classified.

Air transport notes Not classified.

14.1. UN number
No information required.

14.2. UN proper shipping name
No information required.

14.3. Transport hazard class(es)
No information required.

Transport labels

14.4. Packing group
No information required.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user
No information required.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
No information required.

SECTION 15: Regulatory information

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

The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).

Authorisations (Title VII Regulation 1907/2006)
No specific authorisations are known for this product.

Restrictions (Title VIII Regulation 1907/2006)
No specific restrictions on use are known for this product.
Quadient Rubber Roller Restorer

15.2. Chemical safety assessment
No chemical safety assessment has been carried out.

SECTION 16: Other information

Issued by          Bethan Massey
Revision date      04/07/2016
Revision           0
SDS number         21363
Risk phrases in full
R36/38 Irritating to eyes and skin.
R53 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
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.

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.