



SAFETY DATA SHEET RES ODOURTECH RTU

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

1.1. Product identifier

Product name RES ODOURTECH RTU
Superconcentrated Detergent Multi-function Odour Neutraliser Ready to Use

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

Identified uses Fragrance/Odour Control Agent

1.3. Details of the supplier of the safety data sheet

Supplier Rainbow International
Spectrum House
Lower Oakham Way
Oakham Business Park, Mansfield
NG18 5BY

Tel: 01623 675 100
Fax: 01623 422466 (Main Fax)
E-mail: www.rainbow-int.co.uk

1.4. Emergency telephone number

Emergency telephone Rainbow 24hr Helpline: 01623 422488

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards Not Classified
Health hazards Eye Irrit. 2 - H319
Environmental hazards Aquatic Chronic 3 - H412

2.2. Label elements

Hazard pictograms



Signal word Warning

Hazard statements H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.

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Precautionary statements	<p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
Detergent labelling	< 5% amphoteric surfactants, < 5% non-ionic surfactants, < 5% perfumes, Contains Butylphenyl Methylpropional, Linalool, Citronellol, Eugenol, Hydroxyisohexyl 3-cyclohexene carboxaldehyde

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

MONOPROPYLENE GLYCOL 15-30% CAS number: 57-55-6 EC number: 200-338-0
Classification Not Classified
AMINES, C12-14 (EVEN NUMBERED)-ALKYLDIMETHYL, N-OXIDES 1-5% CAS number: 68955-55-5 EC number: 931-292-6 M factor (Acute) = 10
Classification Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411

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

General information	Get medical attention if any discomfort continues.
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Ingestion	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Give plenty of water to drink.
Skin contact	Rinse cautiously with water for several minutes. Remove contaminated clothing. Continue to rinse for at least 10 minutes.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

4.2. Most important symptoms and effects, both acute and delayed

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Inhalation	Coughing, chest tightness, feeling of chest pressure.
Ingestion	Gastrointestinal symptoms, including upset stomach.
Skin contact	Prolonged skin contact may cause temporary irritation.
Eye contact	Irritation and redness, followed by blurred vision.

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

Notes for the doctor	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.
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5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	Carbon monoxide (CO). Carbon dioxide (CO ₂).
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5.3. Advice for firefighters

Protective actions during firefighting	Avoid the spillage or runoff entering drains, sewers or watercourses.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Avoid contact with eyes and prolonged skin contact. Wear protective clothing as described in Section 8 of this safety data sheet. Take care as floors and other surfaces may become slippery. Keep unnecessary and unprotected personnel away from the spillage.
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6.2. Environmental precautions

Environmental precautions	Avoid release to the environment.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Small Spillages: <5 L Following dilution, discharge to the sewer with plenty of water may be permitted. Large Spillages: Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Dispose of this material and its container to hazardous or special waste collection point.
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6.4. Reference to other sections

Reference to other sections	For personal protection, see Section 8. For waste disposal, see Section 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions	Avoid contact with eyes. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash skin thoroughly after handling. Wear protective clothing as described in Section 8 of this safety data sheet.
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7.2. Conditions for safe storage, including any incompatibilities

Storage precautions	Keep only in the original container in a cool, well-ventilated place.
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7.3. Specific end use(s)

Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
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Usage description .

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SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

MONOPROPYLENE GLYCOL

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ particulate

Long-term exposure limit (8-hour TWA): WEL 150 ppm 474 mg/m³ total vapour and particulates

WEL = Workplace Exposure Limit.

AMINES, C12-14 (EVEN NUMBERED)-ALKYLDIMETHYL, N-OXIDES (CAS: 68955-55-5)

DNEL

Workers - Inhalation; Long term systemic effects: 15.5 mg/m³

Workers - Dermal; Long term systemic effects: 11 mg/kg

Consumer - Inhalation; Long term systemic effects: 3.8 mg/m³

Consumer - Dermal; Long term systemic effects: 5.5 mg/kg

Consumer - Oral; Long term systemic effects: 0.44 mg/kg

8.2. Exposure controls

Protective equipment



Eye/face protection

Wear eye protection.

Hand protection

For users with sensitive skin, it is recommended that suitable protective gloves are worn.

Hygiene measures

Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands thoroughly after handling.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Light (or pale).
Odour	Fragranced
pH	pH (concentrated solution): 8.00
Relative density	1.005 @ °C

9.2. Other information

Other information	None.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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10.4. Conditions to avoid

Conditions to avoid No specific requirements are anticipated under normal conditions of use.

10.5. Incompatible materials

Materials to avoid Acids. Alkalis. Oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Inhalation The product is considered to be a low hazard under normal conditions of use.

Ingestion May cause discomfort if swallowed.

Skin contact Prolonged skin contact may cause temporary irritation.

Eye contact Causes serious eye irritation.

SECTION 12: Ecological information

12.1. Toxicity

Toxicity Not classified for environmental hazards.

12.2. Persistence and degradability

Persistence and degradability The degradability of the product is not known.

12.3. Bioaccumulative potential

Bioaccumulative potential Bioaccumulation is unlikely.

12.4. Mobility in soil

Mobility Mobile.

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 None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Following dilution, discharge to the sewer with plenty of water may be permitted. Reuse or recycle products wherever possible.

SECTION 14: Transport information

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

14.1. UN number

Not applicable.

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14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

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 MARPOL and the IBC Code

Transport in bulk according to Not applicable.

**Annex II of MARPOL 73/78
and the IBC Code**

SECTION 15: Regulatory information

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

National regulations	Control of Substances Hazardous to Health Regulations 2002 (as amended). EH40/2005 Workplace exposure limits. The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 (as amended). The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 (SI 2020 No. 1577) (as amended).
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15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision comments	Rewrite of safety data sheet
Revision date	10/07/2023
Revision	1
Hazard statements in full	H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.

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.