
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: RES CitriTech
- UFI: K300-P0FM-N00S-GFPT
- Product Part Number: 22000747

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

- Use of the substance/mixture: Cleaning agent

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Rozone Ltd
- Address of Supplier: Queen Street
Darlaston
Wednesbury
West Midlands
UK
WS10 8JF
- Telephone: +44 (0)121 526 8181
- Fax: +44 (0)121 526 8182
- Email: info@rozone.co.uk

1.4 Emergency telephone number

- Emergency Telephone: +44 (0)121 526 8181 (Mon - Thurs, 08:00 - 17:00), (Fri, 08:00 - 14:00)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- Classification according to Regulation (EC) No. 1272/2008 [CLP] as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567
- CLP: Eye Dam. 1

2.2 Label elements



- Signal Word: Danger

Hazard statements

Causes severe skin burns and eye damage.

Precautionary statements

SECTION 2: Hazards identification (....)

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
Wear protective gloves/protective clothing/eye protection/face protection.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Immediately call a POISON CENTER or doctor/physician.
Immediately call a POISON CENTER/doctor/
Do not breathe dust/fume/gas/mist/vapours/spray.
Wash
Specific treatment (see
Wash contaminated clothing before reuse.
Store locked up.
Dispose of contents/container to local waste collection

2.3 Other hazards

- Contains: Citric acid

SECTION 3: Composition/information on ingredients**3.2 Mixtures**

Citric acid

CAS Number: 77-92-9
EC Number: 201-069-1
REACH Registration Number: 01-2119457026-42-XXXX
Concentration: 10 -30%
Symbols: GHS07
H Statements: H319

DIPROPYLENEGLYCOL METHYLEETHER

CAS Number: 34590-94-8
EC Number: 252-104-2
REACH Registration Number: 01-2119450011-60-XXXX
Concentration: < 1 %
Symbols: None
H Statements: None

PROPAN-2-OL

CAS Number: 67-63-0
EC Number: 200-661-7
REACH Registration Number:
Concentration: < 1 %
Symbols: GHS02;GHS07
H Statements: H225;H319;H336
Categories: Flam. Liq. 2, Lact., Eye Irrit. 2

SECTION 4: First aid measures

4.1 Description of first aid measures

Contact with eyes

Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Get medical help if you feel unwell

Rinse cautiously with water for several minutes.

Contact with skin

Remove contaminated clothing immediately and drench affected skin with plenty of water.

Then wash with soap and water

Seek medical attention if irritation persists

Wash affected area with plenty of water

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water

Inhalation

Remove person to fresh air and keep comfortable for breathing.

Rinse mouth with water (only if the person is conscious)

Seek medical advice if necessary

Ingestion

Rinse mouth with water (do not swallow)

Seek medical advice if necessary

Never give anything by mouth to an unconscious person

4.2 Most important symptoms and effects, both acute and delayed

General information The severity of the symptoms described will vary dependent on the concentration and the length of exposure

Contact with eyes

Irritating to eyes

In cases of severe exposure, redness may develop

Contact with skin

May cause redness and irritation

Inhalation

May cause irritation

Ingestion

May cause discomfort if swallowed.

4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

5.2 Special hazards arising from the substance or mixture

- Hazardous Products of Combustion:
- When heated, vapours/gases hazardous to health may be formed

5.3 Advice for firefighters

- No special requirements
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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear suitable protective clothing
- See Section 8

6.2 Environmental precautions

- Do not discharge into drains or the environment, dispose to an authorised waste collection point

6.3 Methods and material for containment and cleaning up

- Stop leak if safe to do so.
- Absorb spillage in earth or sand
- Flush spill area with copious amounts of water
- Avoid release to the environment.
- Dispose of contents/container to waste collection point.

6.4 Reference to other sections

- See Section 8 and 13
-

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Avoid contact with skin and eyes
- Do not get in eyes, on skin, or on clothing.
- Do not wear contact lenses when working with this material
- Eyewash bottles should be available
- Use good personal hygiene practices
- Read label before use.

7.2 Conditions for safe storage, including any incompatibilities

- Store locked up.
- Keep container tightly closed, in a cool, well ventilated place

7.3 Specific end use(s)

- See Section 1.2
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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

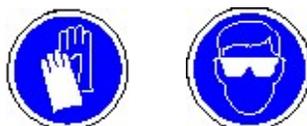
DIPROPYLENEGLYCOL METHYLEETHER

DNEL (Consumer; dermal, long term systemic effects): 121 mg/kg/day
DNEL (Consumer; inhalational, long term systemic effects): 37.2 mg/m³
DNEL (Consumer; oral, long term systemic effects): 36 mg/kg/day
DNEL (Industry; dermal, long term systemic effects): 283 mg/kg/day
DNEL (Industry; inhalational, long term systemic effects): 308 mg/kg
WEL (long term): 50 ppm 308 mg/m³ (8 hour TWA)

PROPAN-2-OL

WEL (long term): 8 hour TWA 400 ppm 999 mg/m³
WEL (short term): 15 minutes: 500 ppm 1250 mg/m³

8.2 Exposure controls



8.3 Precautionary measures

- Ensure adequate ventilation
- Do not eat, drink or smoke when using this product.
- Keep container tightly closed
- Wear goggles giving complete eye protection
- Wear suitable protective clothing and gloves

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state: liquid
- Colour: orange
- Relative density: ~ 1.08
- Odour: Characteristic odour
- pH: (concentrated solution) < 2.0
- Flashpoint: >93°C

9.2 Other information

- None

SECTION 10: Stability and reactivity

10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

10.2 Chemical stability

SECTION 10: Stability and reactivity (....)

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- Not applicable

10.4 Conditions to avoid

- Avoid overheating

10.5 Incompatible materials

- No hazardous reactions known if used for its intended purpose

10.6 Hazardous decomposition products

- Decomposition products may include carbon oxides
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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

LD₅₀ (oral) : >2000 mg/kg

LD₅₀ (dermal) : >4000 mg/kg

LC₅₀ (inhalation) : >20 mg/l/4hr (gas/vapour)

Citric acid

LD₅₀ (oral, mouse): 5400 mg/kg

LD₅₀ (skin, rat): >2000 mg/kg

DIPROPYLENEGLYCOL METHYLEETHER

Estimated LD₅₀ (oral) (ATE) : 5000 mg/kg

LD₅₀ (dermal, rabbit): 9510 mg/kg

LD₅₀ (oral, rat): 5000 mg/kg

Skin corrosion/irritation

May cause irritation

Serious eye damage/irritation

In cases of severe exposure, pain may develop

Causes serious eye damage.

Respiratory or skin sensitisation

In cases of severe exposure, irritation may develop

Ingestion

Harmful if swallowed

11.2 Information on other hazards

- No information

SECTION 12: Ecological information

12.1 Toxicity

Citric acid

LC₅₀ (fish): 1516 mg/l (96 hr)

Citric acid

PNEC (Fresh water): 0.44 mg/l

PNEC (Marine water): 0.044 mg/l

PNEC (Sediment; fresh water): 34.6 mg/kg

PNEC (Sediment; marine water): 3.46 mg/kg

PNEC (Soil): 33.1 mg/kg

PNEC (STP): >1000 mg/l

LC₅₀ (golden orfe (*Leuciscus idus*)): 440-760 mg/l (48 hr)

EC₅₀ (*Daphnia magna*): 1535 mg/l (24 hr)

DIPROPYLENEGLYCOL METHYLEETHER

PNEC (Fresh water): 19 mg/l

PNEC (intermittent): 190 mg/l

PNEC (Marine water): 1.9 mg/l

PNEC (Sediment; fresh water): 70.2 mg/kg/day

PNEC (Sediment; marine water): 7.02 mg/kg/day

PNEC (Soil): 2.74 mg/kg/day

PNEC (STP): 4168 mg/l

12.2 Persistence and degradability

- Biodegradable

12.3 Bioaccumulative potential

- No information available

12.4 Mobility in soil

- miscible with water

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Endocrine disrupting properties

- The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects

- No information
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SECTION 13: Disposal considerations

Do not discharge into drains or the environment, dispose to an authorised waste collection point

SECTION 13: Disposal considerations (....)

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
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SECTION 14: Transport information

14.1 UN number or ID number

- ADR/RID No.: 1760
- IMDG UN No.: 1760
- ICAO UN No.: 1760
- ADN UN No.: 1760
- UN No.: 1760

14.2 UN proper shipping name

- Proper Shipping Name (ADR/RID): CORROSIVE LIQUID, N.O.S. (CONTAINS SULPHAMIC ACID)
- Proper Shipping Name (IMDG): CORROSIVE LIQUID, N.O.S. (CONTAINS SULPHAMIC ACID)
- Proper Shipping Name (ICAO): CORROSIVE LIQUID, N.O.S. (CONTAINS SULPHAMIC ACID)
- Proper Shipping Name (ADN): CORROSIVE LIQUID, N.O.S. (CONTAINS SULPHAMIC ACID)
- Proper Shipping Name: CORROSIVE LIQUID, N.O.S.

14.3 Transport hazard class(es)

- ADR Hazard Class: 8
- ADR Classification Code: C9
- ADR-RID Labels: 8
- IMDG Hazard Class: 8
- ICAO Hazard Class: 8
- ADN Class: 8

14.4 Packing group

- ADR Packing Group: Packing group III
- IMDG Packing Group.: Packing group III
- ICAO Packing Group: Packing group III
- ADN Packing Group: Packing group III

14.5 Environmental hazards

14.6 Special precautions for user

- IMDG EmS: F-A, S-B
- ADR Transport Category: 3
- Emergency Action Code: 2X
- Hazard Identification No. (ADR/RID): 80
- Tunnel Bulk Restriction Codes: E

SECTION 14: Transport information (....)

14.7 Maritime transport in bulk according to IMO instruments

- Not applicable

SECTION 15: Regulatory information

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

- The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 as amended.
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 as amended
Control of Substances Hazardous to Health Regulations 2002 (as amended).
EH40/2005 Workplace exposure limits.

15.2 Chemical safety assessment

- A REACH chemical safety assessment has not been carried out

SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H225: Highly flammable liquid and vapour. H319: Causes serious eye irritation. H336: May cause drowsiness or dizziness.

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.

--- end of safety datasheet ---
