

Trade name: Fresh-Up**Product no.:** 153999**Current version :** 1.0.0, issued: 04.05.2020**Replaced version:** 1.0.0, issued: 28.04.2020**Region:** IE**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name****Fresh-Up****1.2 Relevant identified uses of the substance or mixture and uses advised against****Relevant identified uses of the substance or mixture**

vehicle air freshener

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet**Address**

Koch-Chemie GmbH

Einsteinstr. 42

D-59423 Unna

Telephone no. +49-2303-9 86 70-0

Fax no. +49-2303-9 86 70-26

Advice on Safety Data Sheet

sdb_info@umco.de

1.4 Emergency telephone number

+353 1 809 2166 (National Poisons Information Centre)

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture****Classification information**

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

This product does not meet the classification criteria given in the Regulation (EC) No 1272/2008 (CLP).

2.2 Label elements**Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)****Hazard pictograms**

-

Signal word

-

Hazard statement(s)

-

Hazard statements (EU)

EUH208

Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

EUH210

Safety data sheet available on request.

Precautionary statement(s)

-

Labelling information

The labelling (EU hazard statements) meets the criteria of annex II of Directive (EC) Nr. 1272/2008 (CLP).

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2.3 Other hazards

PBT assessment

The components of this product are not considered to be a PBT.

vPvB assessment

The components of this product are not considered to be a vPvB.

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not applicable. The product is not a substance.

3.2 Mixtures**Hazardous ingredients**

| No | Substance name | Additional information | |
|----|--|--|-----------------------------------|
| | CAS / EC / Index / REACH no | Classification (EC) 1272/2008 (CLP) | Concentration |
| | | | % |
| 1 | trisodium-nitritotriacetate | | |
| | 5064-31-3 225-768-6 607-620-00-6 01-2119519239-36 | Acute Tox. 4*; H302 Carc. 2; H351 Eye Irrit. 2; H319 | < 2,50 %-b.w. |
| 2 | 1,2-benzisothiazol-3(2H)-one | | pls. refer to footnote (1) |
| | 2634-33-5 220-120-9 613-088-00-6 - | Acute Tox. 4*; H302 Aquatic Acute 1; H400 Eye Dam. 1; H318 Skin Irrit. 2; H315 Skin Sens. 1; H317 Aquatic Chronic 2; H411 | < 0,05 %-b.w. |

Full Text for all H-phrases and EUH-phrases: pls. see section 16

(*, **, ***, ****) Detailed explanation pls. refer to CLP regulation No. 1272/2008, annex VI, 1.2

(1) Aberrant from/in addition to the classification set out in Annex VI, this substance is classified according to European Regulation (EC) No 1272/2008 (CLP), Article 4 (3), paragraph 2.

| No | Note | Specific concentration limits | M-factor (acute) | M-factor (chronic) |
|----|------|--------------------------------|------------------|--------------------|
| 1 | - | Carc. 2; H351: C >= 5% | - | - |
| 2 | - | Skin Sens. 1; H317: C >= 0,05% | - | - |

SECTION 4: First aid measures**4.1 Description of first aid measures****General information**

Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing. In case of allergic symptoms, especially respiratory tract related, seek medical help immediately.

After inhalation

Remove affected persons from dangerous area by observing suitable respiratory protection measures. Ensure supply of fresh air.

After skin contact

Wash off immediately with soap and water. Consult a doctor if skin irritation persists.

After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Get medical attention if pain still persists.

After ingestion

Rinse out mouth and give plenty of water to drink. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical advice immediately.

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4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon monoxide (CO); Carbon dioxide (CO₂)

5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear full protective suit.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Use personal protective clothing.

For emergency responders

Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).

6.4 Reference to other sections

Information regarding safe handling, see chapter 7. Information regarding personal protective measures, see chapter 8. Information regarding waste disposal, see chapter 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Risks inherent to handling the product must be minimised by applying the appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances.

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Do not inhale vapours. Avoid contact with eyes and skin. Wash hands before breaks and after work. Remove contaminated clothing and shoes and launder thoroughly before reusing. Have emergency shower available.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place.

Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original.

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Incompatible products

Substances to be avoided, pls. See chapter 10.

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****DNEL, DMEL and PNEC values****DNEL values (worker)**

| No | Substance name | | | CAS / EC no |
|----|-----------------------------|---------------------|----------|------------------------|
| | Route of exposure | Exposure time | Effect | Value |
| 1 | trisodium-nitritotriacetate | | | 5064-31-3 225-768-6 |
| | inhalative | Short term (acut) | systemic | 2,4 mg/cm ² |
| | inhalative | Long term (chronic) | systemic | 0,8 mg/cm ² |

DNEL value (consumer)

| No | Substance name | | | CAS / EC no |
|----|-----------------------------|---------------------|----------|------------------------|
| | Route of exposure | Exposure time | Effect | Value |
| 1 | trisodium-nitritotriacetate | | | 5064-31-3 225-768-6 |
| | oral | Short term (acut) | systemic | 0,9 mg/kg |
| | oral | Long term (chronic) | systemic | 0,3 mg/kg |
| | dermal | Short term (acut) | systemic | |
| | inhalative | Short term (acut) | systemic | 9,6 mg/cm ² |
| | inhalative | Long term (chronic) | systemic | 3,2 mg/cm ² |

PNEC values

| No | Substance name | | CAS / EC no |
|----|-----------------------------|--------------|------------------------|
| | ecological compartment | Type | Value |
| 1 | trisodium-nitritotriacetate | | 5064-31-3 225-768-6 |
| | water | fresh water | 0,93 mg/L |
| | water | marine water | 0,093 mg/L |
| | sewage treatment plant | - | 270 mg/L |

8.2 Exposure controls**Appropriate engineering controls**

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL (=Occupational Exposure Limit), suitable respiratory protection must be worn.

Personal protective equipment**Respiratory protection**

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

Eye / face protection

Safety glasses with side protection shield (EN 166)

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid

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permanent use of protective gloves.

Other

Chemical-resistant work clothes.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

| |
|--|
| Form/Colour |
| liquid |
| light yellow |
| Odour |
| characteristic |
| Odour threshold |
| No data available |
| pH value |
| No data available |
| Boiling point / boiling range |
| No data available |
| Melting point / melting range |
| No data available |
| Decomposition point / decomposition range |
| No data available |
| Flash point |
| No data available |
| Auto-ignition temperature |
| No data available |
| Oxidising properties |
| No data available |
| Explosive properties |
| No data available |
| Flammability (solid, gas) |
| No data available |
| Lower flammability or explosive limits |
| No data available |
| Upper flammability or explosive limits |
| No data available |
| Vapour pressure |
| No data available |
| Vapour density |
| No data available |
| Evaporation rate |
| No data available |
| Relative density |
| No data available |
| Density |

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| | | |
|---|------|-------------------|
| Value | 1,01 | g/cm ³ |
| Reference temperature | 20 | °C |
| Solubility in water | | |
| No data available | | |
| Solubility(ies) | | |
| No data available | | |
| Partition coefficient: n-octanol/water | | |
| No data available | | |
| Viscosity | | |
| No data available | | |

9.2 Other information

| |
|--------------------------|
| Other information |
| No data available. |

SECTION 10: Stability and reactivity**10.1 Reactivity**

No data available.

10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions

Dangerous reactions are not to be expected when handling product according to its intended use.

10.4 Conditions to avoid

None, if handled according to intended use.

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

None, if handled according to intended use.

SECTION 11: Toxicological information**11.1 Information on toxicological effects**

| Acute oral toxicity | | | |
|------------------------------------|-----------------------------|-----------|------------------|
| No | Substance name | CAS no. | EC no. |
| 1 | trisodium-nitritotriacetate | 5064-31-3 | 225-768-6 |
| LD50 | | 1740 | mg/kg bodyweight |
| Species | rat | | |
| Method | OECD 401 | | |
| Source | ECHA | | |
| Acute dermal toxicity | | | |
| No data available | | | |
| Acute inhalational toxicity | | | |
| No | Substance name | CAS no. | EC no. |
| 1 | trisodium-nitritotriacetate | 5064-31-3 | 225-768-6 |
| LC50 | | > | 5 mg/l |
| Duration of exposure | | | 4 h |
| State of aggregation | Dust | | |
| Species | rat | | |
| Source | ECHA | | |

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| Skin corrosion/irritation | | | |
|-----------------------------------|-----------------------------|---|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | trisodium-nitrilotriacetate | 5064-31-3 | 225-768-6 |
| Species | | rabbit | |
| Source | | ECHA | |
| Evaluation | | non-irritant | |
| Serious eye damage/irritation | | | |
| No | Substance name | CAS no. | EC no. |
| 1 | trisodium-nitrilotriacetate | 5064-31-3 | 225-768-6 |
| Species | | rabbit | |
| Method | | OECD 405 | |
| Source | | ECHA | |
| Evaluation | | irritant | |
| Respiratory or skin sensitisation | | | |
| No | Substance name | CAS no. | EC no. |
| 1 | trisodium-nitrilotriacetate | 5064-31-3 | 225-768-6 |
| Route of exposure | | Skin | |
| Species | | guinea pig | |
| Method | | OECD 406 | |
| Source | | ECHA | |
| Evaluation | | non-sensitizing | |
| Germ cell mutagenicity | | | |
| No | Substance name | CAS no. | EC no. |
| 1 | trisodium-nitrilotriacetate | 5064-31-3 | 225-768-6 |
| Source | | ECHA | |
| Evaluation/classification | | Based on available data, the classification criteria are not met. | |
| Reproduction toxicity | | | |
| No | Substance name | CAS no. | EC no. |
| 1 | trisodium-nitrilotriacetate | 5064-31-3 | 225-768-6 |
| Species | | rat | |
| Method | | OECD 416 | |
| Source | | ECHA | |
| Evaluation/classification | | Based on available data, the classification criteria are not met. | |
| Carcinogenicity | | | |
| No data available | | | |
| STOT - single exposure | | | |
| No data available | | | |
| STOT - repeated exposure | | | |
| No | Substance name | CAS no. | EC no. |
| 1 | trisodium-nitrilotriacetate | 5064-31-3 | 225-768-6 |
| Route of exposure | | dermal | |
| Source | | ECHA | |
| Evaluation/classification | | Based on available data, the classification criteria are not met. | |
| Route of exposure | | inhalational | |
| Source | | ECHA | |
| Evaluation/classification | | Based on available data, the classification criteria are not met. | |
| Route of exposure | | oral | |
| Source | | ECHA | |
| Evaluation/classification | | Based on available data, the classification criteria are not met. | |
| Aspiration hazard | | | |
| No data available | | | |

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SECTION 12: Ecological information**12.1 Toxicity**

| Toxicity to fish (acute) | | | |
|--------------------------|-----------------------------|-----------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | trisodium-nitritotriacetate | 5064-31-3 | 225-768-6 |
| LC50 | | 114 | mg/l |
| Duration of exposure | | 96 | h |
| Species | Pimephales promelas | | |
| Source | ECHA | | |

| Toxicity to fish (chronic) | | | |
|----------------------------|-----------------------------|-----------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | trisodium-nitritotriacetate | 5064-31-3 | 225-768-6 |
| NOEC | > | 54 | mg/l |
| Duration of exposure | | 224 | day(s) |
| Species | Pimephales promelas | | |
| Source | ECHA | | |

| Toxicity to Daphnia (acute) | |
|-----------------------------|--|
| No data available | |

| Toxicity to Daphnia (chronic) | | | |
|-------------------------------|-----------------------------|-----------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | trisodium-nitritotriacetate | 5064-31-3 | 225-768-6 |
| NOEC | | 9,3 | mg/l |
| Duration of exposure | | 147 | day(s) |
| Species | Daphnia magna | | |
| Source | ECHA | | |

| Toxicity to algae (acute) | | | |
|---------------------------|-----------------------------|-----------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | trisodium-nitritotriacetate | 5064-31-3 | 225-768-6 |
| ErC50 | > | 91,5 | mg/l |
| Duration of exposure | | 72 | h |
| Species | Desmodesmus subspicatus | | |
| Method | OECD 201 | | |
| Source | ECHA | | |

| Toxicity to algae (chronic) | | | |
|-----------------------------|-----------------------------|-----------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | trisodium-nitritotriacetate | 5064-31-3 | 225-768-6 |
| NOEC | | 1,43 | mg/l |
| Duration of exposure | | 72 | h |
| Species | Desmodesmus subspicatus | | |
| Method | OECD 201 | | |
| Source | ECHA | | |

| Bacteria toxicity | |
|-------------------|--|
| No data available | |

12.2 Persistence and degradability

| Biodegradability | | | |
|------------------|-----------------------------|-----------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | trisodium-nitritotriacetate | 5064-31-3 | 225-768-6 |
| Value | | 100 | % |
| Duration | | 14 | d |
| Method | OECD 301 E | | |
| Source | ECHA | | |
| Evaluation | readily biodegradable | | |

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No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment**Results of PBT and vPvB assessment**

| | |
|-----------------|---|
| PBT assessment | The components of this product are not considered to be a PBT. |
| vPvB assessment | The components of this product are not considered to be a vPvB. |

12.6 Other adverse effects

No data available.

12.7 Other information**Other information**

Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product**

Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility.

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SECTION 14: Transport information**14.1 Transport ADR/RID/ADN**

The product is not subject to ADR/RID/ADN regulations.

14.2 Transport IMDG

The product is not subject to IMDG regulations.

14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

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

Not relevant

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations**

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According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances requiring authorisation as listed on Annex XVII of the REACH regulation (EC) 1907/2006.

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is not subject to Part 1 or 2 of Annex I.

Other regulations

Adhere to the national sanitary and occupational safety regulations when using this product.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: Other information**Sources of key data used to compile the data sheet:**

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

| | |
|------|--|
| H302 | Harmful if swallowed. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H351 | Suspected of causing cancer. |
| H400 | Very toxic to aquatic life. |
| H411 | Toxic to aquatic life with long lasting effects. |

Department issuing safety data sheet

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

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