

Safety Data Sheet



according to Regulation (EC) No 1907/2006

Blitz Citro

Print date: 12.10.2015

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

1.1. Product identifier

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

Use of the substance/mixture

Washing and cleaning products (including solvent based products)

Maintainer, containing solvents without skin-resorptive substances

Process categories [PROC]: 8, 10

1.3. Details of the supplier of the safety data sheet

Company name: BUZIL-WERK Wagner GmbH & Co. KG

Street: Fraunhofer Str. 17

Place: D-87700 Memmingen

Telephone: +49 (0) 8331 930-6

Telefax: +49 (0) 8331 930-880

e-mail: labor@buzil.de

Internet: www.buzil.com

1.4. Emergency telephone number: +49 (0) 8331 / 930-730

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

The product does not support combustion. It therefore needs not to be classified as flammable despite a flash point below 60 °C.

2.2. Label elements

Special labelling of certain mixtures

EUH210

Safety data sheet available on request.

2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

| CAS No | Chemical name | Quantity |
|------------|---|-------------|
| | EC No | |
| | Index No | |
| | REACH No | |
| | Classification according to Regulation (EC) No. 1272/2008 [CLP] | |
| 64-17-5 | ethanol, ethyl alcohol | 10 - < 15 % |
| | 200-578-6 | |
| | 603-002-00-5 | |
| | 01-2119457610-43 | |
| | Flam. Liq. 2, Eye Irrit. 2; H225 H319 | |
| 26183-52-8 | fatty alcohol polyethoxilate | 1 - < 5 % |
| | | |
| | Acute Tox. 4, Eye Irrit. 2; H302 H319 | |

Full text of H and EUH phrases: see section 16.

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Labelling for contents according to Regulation (EC) No 648/2004

< 5 % non-ionic surfactants, perfumes (Citral, Limonene, Linalool, Geraniol).

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Provide fresh air.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap.
Take off contaminated clothing and wash it before reuse.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

Rinse mouth immediately and drink plenty of water.
Do NOT induce vomiting.

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

No information available.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray jet
alcohol resistant foam
Carbon dioxide
Extinguishing powder

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products:
Carbon dioxide
Carbon monoxide.

5.3. Advice for firefighters

Co-ordinate fire-fighting measures to the fire surroundings.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment (refer to section 8).
Avoid contact with skin, eyes and clothes.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.
Do not allow to enter into soil/subsoil.

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6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Personal protection equipment: see section 8
Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid contact with skin, eyes and clothes.
Do not mix with other chemicals.
Wear personal protection equipment (refer to section 8).
When using do not eat, drink or smoke.
Do not breathe gas/fumes/vapour/spray.
Use only in well-ventilated areas.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.

Advice on storage compatibility

No special measures are necessary.

7.3. Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

| CAS No | Substance | ppm | mg/m ³ | fibres/ml | Category | Origin |
|---------|-----------|------|-------------------|-----------|---------------|--------|
| 64-17-5 | Ethanol | 1000 | 1920 | | TWA (8 h) | WEL |
| | | - | - | | STEL (15 min) | WEL |

8.2. Exposure controls

Protective and hygiene measures

Take off contaminated clothing.
Wash hands before breaks and after work.
When using do not eat, drink or smoke.

Eye/face protection

Eye protection: not required.

Hand protection

By long-term hand contact: Wear suitable gloves.
Suitable material: NBR (Nitrile rubber).
Breakthrough time (maximum wearing time) >480 min.
A survey of suitable brands with detailed information on breakthrough times is available upon request.

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Skin protection

Wear suitable protective clothing.

Respiratory protection

Use only in well-ventilated areas.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | | |
|--|------------------------|--------------------|
| Physical state: | liquid | |
| Colour: | | |
| Odour: | Perfumes, fragrances | |
| | | Test method |
| pH-Value (at 20 °C): | 6,8 - 7,2 | |
| Changes in the physical state | | |
| Melting point: | -3 °C | |
| Initial boiling point and boiling range: | >85 °C | |
| Flash point: | 37 °C | |
| Flammability | | |
| Solid: | not applicable | |
| Gas: | not applicable | |
| Lower explosion limits: | not determined | |
| Upper explosion limits: | not determined | |
| Auto-ignition temperature | | |
| Solid: | not applicable | |
| Gas: | not applicable | |
| Decomposition temperature: | not determined | |
| Oxidizing properties | | |
| Not oxidizing. | | |
| Vapour pressure: | not determined | |
| Density (at 25 °C): | 0,98 g/cm ³ | |
| Water solubility: | completely miscible | |
| Solubility in other solvents | | |
| not determined | | |
| Partition coefficient: | not determined | |
| Viscosity / dynamic: (at 25 °C) | <10 mPa·s | |
| Vapour density: | not determined | |
| Evaporation rate: | not determined | |
| 9.2. Other information | | |
| Solid content: | not determined | |

SECTION 10: Stability and reactivity

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10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid

The product is stable under storage at normal ambient temperatures.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

| CAS No | Chemical name | | | | |
|------------|------------------------------|--------|-------------|---------|--------|
| | Exposure routes | Method | Dose | Species | Source |
| 64-17-5 | ethanol, ethyl alcohol | | | | |
| | oral | LD50 | >2000 mg/kg | Rat | ATE |
| | dermal | LD50 | >2000 mg/kg | Rat | ATE |
| | inhalative vapour | LC50 | >20 mg/l | Rat | ATE |
| 26183-52-8 | fatty alcohol polyethoxilate | | | | |
| | oral | LD50 | 500 mg/kg | Rat | ATE |
| | dermal | LD50 | >2000 mg/kg | Rat | ATE |
| | inhalative aerosol | LC50 | >5 mg/l | Rat | ATE |

SECTION 12: Ecological information

12.1. Toxicity

| CAS No | Chemical name | | | | | |
|------------|------------------------------|--------|------------|-----------|--------------------------------|----------|
| | Aquatic toxicity | Method | Dose | [h] [d] | Species | Source |
| 64-17-5 | ethanol, ethyl alcohol | | | | | |
| | Acute fish toxicity | LC50 | >1000 mg/l | 96 h | | |
| | Acute algae toxicity | ErC50 | >100 mg/l | | | |
| | Acute crustacea toxicity | EC50 | >1000 mg/l | 48 h | | |
| 26183-52-8 | fatty alcohol polyethoxilate | | | | | |
| | Acute algae toxicity | ErC50 | 19,6 mg/l | 72 h | | OECD 201 |
| | Acute crustacea toxicity | EC50 | 15 mg/l | 48 h | Daphnia magna (Big water flea) | OECD 202 |

12.2. Persistence and degradability

The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

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| CAS No | Chemical name | Method | Value | d | Source |
|------------|---|----------|-------|----|--------|
| | ethanol, ethyl alcohol | | | | |
| 64-17-5 | ethanol, ethyl alcohol | OECD 301 | >60% | 28 | |
| | Readily biodegradable (according to OECD criteria). | | | | |
| | fatty alcohol polyethoxilate | | | | |
| 26183-52-8 | fatty alcohol polyethoxilate | OECD 301 | >60% | 28 | |
| | Readily biodegradable (according to OECD criteria). | | | | |

12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Dispose of waste according to applicable legislation.
Delivery to an approved waste disposal company.

Waste disposal number of waste from residues/unused products

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

Waste disposal number of contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

Contaminated packaging

Non-contaminated packages may be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number: No dangerous good in sense of these transport regulations.

14.2. UN proper shipping name: No dangerous good in sense of these transport regulations.

Inland waterways transport (ADN)

14.1. UN number: No dangerous good in sense of these transport regulations.

Marine transport (IMDG)

14.1. UN number: No dangerous good in sense of these transport regulations.

Air transport (ICAO)

14.1. UN number: No dangerous good in sense of these transport regulations.

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14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

SECTION 15: Regulatory information

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

EU regulatory information

2010/75/EU (VOC): <30%

Additional information

Regulation (EC) No. 648/2004 (Detergents regulation)

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

Process categories according to ECHA guidance on information requirements and chemical safety assessment, chapter R.12:

PROC 1: Use in closed processes.

PROC 8 (Transfer): Dilution of concentrated products, application of drain cleaners, dosage of textile washing agents.

PROC 10 (Roller application or brushing): Processing without large-scale spraying.

PROC 11 (Spraying outside industrial settings): Processing with large-scale spraying (e. g. high pressure cleaning, foam gun).

PROC 19 (Hand-mixing with intimate contact): Hand cleaning and disinfection.

Relevant H- and EUH-phrases (Number and full text)

H225 Highly flammable liquid and vapour.

H302 Harmful if swallowed.

H319 Causes serious eye irritation.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)