

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 25.01.2024

Version number 1

Revision: 25.01.2024

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

- **1.1 Product identifier**
- **Trade name:** B400
- **Article number:** 5302XX
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Exterior vehicle cleaner
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Chemische Fabrik Dr. Stöcker GmbH & Co. KG  
Gewerbestrasse 19-25  
D-55546 Pfaffen-Schwabenheim  
+49 (0)6701 911780
- **Further information obtainable from:**  
Safety Department  
sicherheit@dr-stoecker.de
- **1.4 Emergency telephone number:**  
INTERNATIONAL: +49 (0) 6132 / 84463 (GBK Gefahrgut Büro GmbH, Ingelheim)

**SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
The product is not classified, according to the CLP regulation.

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- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Additional information:**  
EUH208 Contains 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.  
EUH210 Safety data sheet available on request.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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

- **3.2 Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

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· <b>Dangerous components:</b>		
CAS: 68891-38-3 NLP: 500-234-8 Reg.nr.: 01-2119488639-16	Alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts Eye Dam. 1, H318; Skin Irrit. 2, H315; Aquatic Chronic 3, H412 Specific concentration limits: Eye Dam. 1; H318: $C \geq 10\%$ Eye Irrit. 2; H319: $5\% \leq C < 10\%$	$\geq 2,5 - < 5\%$
CAS: 2682-20-4 EINECS: 220-239-6	2-methyl-2H-isothiazol-3-one Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1); Skin Sens. 1A, H317, EUH071 Specific concentration limit: Skin Sens. 1A; H317: $C \geq 0,0015\%$	$\geq 0 - < 0,0015\%$

· **Regulation (EC) No 648/2004 on detergents / Labelling for contents**

anionic surfactants	$\geq 5 - < 15\%$
amphoteric surfactants	$< 5\%$
perfumes (LIMONENE), preservation agents (BENZISOTHIAZOLINONE, METHYLISOTHIAZOLINONE, METHYLCHLOROISOTHIAZOLINONE / METHYLISOTHIAZOLINONE (3:1))	

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.
- **Additional information**  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:** Dilute with plenty of water.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Protect from frost.  
Protect from heat and direct sunlight.
- **Storage class:** 12
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

#### · 8.1 Control parameters

· **Ingredients with limit values that require monitoring at the workplace:**

**2682-20-4 2-methyl-2H-isothiazol-3-one**

MAK (Germany) vgl. Abschn. IIb und Xc

#### · DNELs

**68891-38-3 Alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts**

Oral	Long term - systemic effects, general population	15 mg/kg bw/day (general population)
Dermal	Long-term - systemic effects, worker	2.750 mg/kg bw/day (worker)
	Long-term - local effects, worker	0,132 mg/cm2 (worker)
	Long term - systemic effects, general population	1.650 mg/kg bw/day (general population)
Inhalative	Long term - local effects, general population	0,079 mg/cm2 (general population)
	Long-term - systemic effects, worker	175 mg/m3 (worker)
	Long term - systemic effects, general population	52 mg/m3 (general population)

#### · PNECs

**68891-38-3 Alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts**

Aquatic compartment - freshwater	0,24 mg/l (freshwater)
Aquatic compartment - marine water	0,024 mg/l (marine water)
Aquatic compartment - water, intermittent releases	0,071 mg/l (intermittent release water)
Aquatic compartment - sediment in freshwater	0,917 mg/kg sed dw (sediment fresh water)
Aquatic compartment - sediment in marine water	0,0917 mg/kg sed dw (sediment marine water)
Terrestrial compartment - soil	7,5 mg/kg dw (soil)
sewage treatment plant	10.000 mg/l (sewage treatment plant)

· **Additional information:** The lists valid during the making were used as basis.

#### · 8.2 Exposure controls

· **Appropriate engineering controls** No further data; see section 7.

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- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures:**  
Wash hands before breaks and at the end of work.  
Do not eat, drink, smoke or sniff while working.
- **Respiratory protection:** Not required.
- **Hand protection:** Not required.
- **Eye/face protection:** Goggles recommended during refilling

### SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Physical state:** Fluid
- **Colour:** Yellow
- **Odour:** Characteristic
- **Odour threshold:** No further relevant information available.
- **Melting point/freezing point:** No further relevant information available.
- **Boiling point or initial boiling point and boiling range:** No further relevant information available.
- **Flammability:** Not applicable.
- **Lower and upper explosion limit**
- **Lower:** Not applicable.
- **Upper:** Not applicable.
- **Flash point:** Not applicable.
- **Auto-ignition temperature:** No further relevant information available.
- **Decomposition temperature:** No further relevant information available.
- **pH at 20 °C:** 7-8 (DIN 19268)
- **Viscosity:**
- **Kinematic viscosity:** No further relevant information available.
- **Kinematic viscosity:** No further relevant information available.
- **Dynamic:** No further relevant information available.
- **Solubility**
- **water:** Fully miscible.
- **Partition coefficient n-octanol/water (log value):** Does not apply to mixtures.
- **Vapour pressure:** No further relevant information available.
- **Density and/or relative density**
- **Density at 20 °C:** 1,005-1,015 g/cm<sup>3</sup> (DIN 51757)
- **Relative density:** No further relevant information available.
- **Vapour density:** No further relevant information available.
- **9.2 Other information**
- **Appearance:**
- **Form:** Fluid
- **Ignition temperature:** Product is not selfigniting.
- **Explosive properties:** Product does not present an explosion hazard.
- **Molecular formula:**
- **Oxidising properties:** No further relevant information available.
- **Evaporation rate:** No further relevant information available.
- **Information with regard to physical hazard classes**
- **Explosives:** Void
- **Flammable gases:** Void
- **Aerosols:** Void
- **Oxidising gases:** Void

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· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

#### · LD/LC50 values relevant for classification:

68891-38-3 Alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts		
Oral	LD50	2.870 mg/kg (rat) (OECD 401)
	NOAEL	300 mg/kg (rat) (OECD 408) 90 d
Dermal	LD50	>2.000 mg/kg (rat) (OECD 402)
2682-20-4 2-methyl-2H-isothiazol-3-one		
Oral	LD50	391 mg/kg (rat)
Dermal	LD50	326 mg/kg (rabbit)

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

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#### · 11.2 Information on other hazards

##### · Endocrine disrupting properties

None of the ingredients is listed.

## SECTION 12: Ecological information

#### · 12.1 Toxicity

##### · Aquatic toxicity:

##### **68891-38-3 Alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts**

NOEC 28 d	0,14 mg/l (Oncorhynchus mykiss) (OECD 215)
NOEC 21 d	0,27 mg/l (Daphnia magna) (OECD 211)
NOEC 72 h	0,95 mg/l (Scenedesmus subspicatus) (OECD 201)
LC50/96 h	7,1 mg/l (bra) (OECD 203)
EC50/48 h	7,4 mg/l (Daphnia magna) (OECD 202)
EC50/72 h	27,7 mg/l (Scenedesmus subspicatus) (OECD 201)

##### **2682-20-4 2-methyl-2H-isothiazol-3-one**

NOEC 21 d	0,04 mg/l (Daphnia magna)
LC50/96 h	4,77 mg/l (Oncorhynchus mykiss)
EC50/48 h	0,93-1,9 mg/l (Daphnia magna)
EC50/3h	34,6 mg/l (bel) (DIN 38412-3)
EC50/72 h	0,158 mg/l (Selenastrum capricornutum)

· **12.2 Persistence and degradability** No further relevant information available.

· **12.3 Bioaccumulative potential** No further relevant information available.

· **12.4 Mobility in soil** No further relevant information available.

#### · 12.5 Results of PBT and vPvB assessment

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

#### · 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

#### · 12.7 Other adverse effects

##### · Additional ecological information:

##### · General notes:

The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## SECTION 13: Disposal considerations

#### · 13.1 Waste treatment methods

##### · Recommendation

Dispose of contents/container in accordance with local/regional/national/international regulations.

##### · Uncleaned packaging:

· **Recommendation:** Disposal must be made according to official regulations.

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· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.**SECTION 14: Transport information**

- **14.1 UN number or ID number**  
· **ADR, IMDG, IATA** Void
- **14.2 UN proper shipping name**  
· **ADR, IMDG, IATA** Void
- **14.3 Transport hazard class(es)**  
· **ADR, ADN, IMDG, IATA**  
· **Class** Void
- **14.4 Packing group**  
· **ADR, IMDG, IATA** Void
- **14.5 Environmental hazards:** Not applicable.
- **14.6 Special precautions for user** Not applicable.
- **14.7 Maritime transport in bulk according to IMO instruments** Not applicable.
- **UN "Model Regulation":** Void

**SECTION 15: Regulatory information**

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

· **REGULATION (EU) 2019/1148**

· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

· **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

· **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

· **National regulations:**

· **Other regulations, limitations and prohibitive regulations**

822.115, Jugendarbeitsschutzverordnung - ArGV 5 und 822.115.2, Verordnung des WBF über gefährliche Arbeiten für Jugendliche sind zu beachten.

ArGV 1 und 822.111.52, Verordnung des WBF über gefährliche und beschwerliche Arbeiten bei Schwangerschaft und Mutterschaft sind zu beachten.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

#### · Relevant phrases

H301 Toxic if swallowed.  
 H311 Toxic in contact with skin.  
 H314 Causes severe skin burns and eye damage.  
 H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H318 Causes serious eye damage.  
 H319 Causes serious eye irritation.  
 H330 Fatal if inhaled.  
 H400 Very toxic to aquatic life.  
 H410 Very toxic to aquatic life with long lasting effects.  
 H412 Harmful to aquatic life with long lasting effects.  
 EUH071 Corrosive to the respiratory tract.

#### · Classification according to Regulation (EC) No 1272/2008

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

#### · Department issuing SDS: Department R&D

#### · Contact: Department R&D

#### · Abbreviations and acronyms:

ADR: Accord relatif au transport international 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 Harmonised 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 (division of the American Chemical Society)  
 DNEL: Derived No-Effect Level (REACH)  
 PNEC: Predicted No-Effect Concentration (REACH)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: very Persistent and very Bioaccumulative  
 Acute Tox. 3: Acute toxicity – Category 3  
 Acute Tox. 2: Acute toxicity – Category 2  
 Skin Corr. 1B: Skin corrosion/irritation – Category 1B  
 Skin Irrit. 2: Skin corrosion/irritation – Category 2  
 Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
 Skin Sens. 1A: Skin sensitisation – Category 1A  
 Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1  
 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1  
 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

#### · Sources

(EC) No 1907/2006 (REACH) as amended.  
 (EC) No. 1272/2008 (CLP) in the valid version  
 Guidance on the compilation of safety data sheets as amended (ECHA)  
 Guidance on labelling and packaging according to Regulation (EC) No 1272/2008 (CLP) as amended (ECHA)  
 Safety data sheets of the ingredients  
 ECHA homepage - Information on chemicals