



SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006
(amended by Regulation (EU) 2020/878)

Tchibo Special decalcifier

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

1.1. Product identifier

Product name	Tchibo Special decalcifier
Synonyms	Tchibo Spezial-Entkalker
Product code	70016-8W
Unique formula identifier (UFI)	U518-96JG-E00Q-138W

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

Use of the Substance/Mixture	Descaling agent
Uses advised against	The product (mixture) should not be used in combination with other cleaning/descaling agents.

1.3. Details of the supplier of the safety data sheet

Company/Undertaking Identification	Düring AG Langwiesenstrasse 1 CH-8108 Dällikon Telefon +41 44 847 27 49 www.duringag.ch www.durgol.com
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Distributor/Importer (EU):
Düring trade GmbH
Bösendorferstrasse 7
AT-1010 Wien

1.4. Emergency telephone number	Tox Info Suisse: 145 (international +41 44 251 51 51)
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008

The substance or mixture is not classified.

In accordance with Regulation (EC) No. 1272/2008, the product does not need to be classified nor labelled.

Additional information

For the full text of the phrases mentioned in this Section, see Section 16.

2.2. Label elements

Signal Word

None.

Hazard Statements

None.

Precautionary statements

None.

Supplemental information

None.

Product identifier

Not required.

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Liquid mixture.

Components	Weight %	CLP Classification	Product identifier
sulphamidic acid; sulphamic acid; sulfamic acid	< 10%	Eye Irrit. 2 H319, Skin Irrit. 2 H315, Aquatic Chronic 3 H412	CAS-No.: 5329-14-6 EC-No.: 226-218-8 Index-No: 016-026-00-0

For the full text of the phrases mentioned in this Section, see Section 16.

Hazardous impurities

None known.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Not hazardous by inhalation. No special measures required.
Skin contact	Remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.
Eye contact	If easy to do, remove contact lens, if worn. Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.
Ingestion	Do not induce vomiting. Clean mouth with water and drink afterwards plenty of water.

4.2. Most important symptoms and effects, both acute and delayed	The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.
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4.3. Indication of any immediate medical attention and special treatment needed	This product contains acid.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry extinguishing agent or carbon dioxide.
Unsuitable extinguishing media	High volume water jet.

5.2. Special hazards arising from the substance or mixture	No data is available on the product itself.
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5.3. Advice for firefighters

Special protective equipment for firefighters	Standard procedure for chemical fires.
Specific methods	No special measures required.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No special measures required.
For emergency responders	Handle in accordance with good industrial hygiene and safety practice.

6.2. Environmental precautions	No special environmental precautions required.
6.3. Methods and material for containment and cleaning up	Clean up promptly by sweeping or vacuum. After cleaning, flush away traces with water.
6.4. Reference to other sections	See chapter 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling	No special technical protective measures required.
7.2. Conditions for safe storage, including any incompatibilities	Store at room temperature in the original container.
7.3. Specific end use(s)	No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit(s)	No data is available on the product itself.
sulphamidic acid; sulphamic acid; sulfamic acid (CAS 5329-14-6)	
Belarus - Occupational Exposure Limits - Harmful Substances - Class 3 - Moderately Dangerous Substances	Present (listed under 4-Aminobenzenesulfonic acid)
Belarus - Occupational Exposure Limits - MACs	2 mg/m3 MAC (aerosol, listed under 4-Aminobenzenesulfonic acid)

PNEC/DNEL

sulphamidic acid; sulphamic acid; sulfamic acid (CAS 5329-14-6)	
EU - REACH (1907/2006) - Registration Data - Derived No Effect Levels (DNELs)	workers inhalation systemic effects long term exposure 70.5 mg/m3 DNEL (226-218-8) workers dermal systemic effects long term exposure 10 mg/kg bw/day DNEL (226-218-8) general population inhalation systemic effects long term exposure 17.4 mg/m3 DNEL (226-218-8) general population dermal systemic effects long term exposure 5 mg/kg bw/day DNEL (226-218-8) general population oral systemic effects long term exposure 5 mg/kg bw/day DNEL (226-218-8)
EU - REACH (1907/2006) - Registration Data - Predicted No Effect Concentrations (PNECs)	8.36 mg/kg sediment dw PNEC (sediment (freshwater), 226-218-8) 0.84 mg/kg sediment dw PNEC (sediment (marine water), 226-218-8) 5 mg/kg soil dw PNEC (soil, 226-218-8) 1.8 mg/L PNEC (freshwater, 226-218-8) 0.18 mg/L PNEC (marine water, 226-218-8) 0.48 mg/L PNEC (freshwater (intermittent releases), 226-218-8) 20 mg/L PNEC (sewage treatment, 226-218-8)

8.2. Exposure controls

Appropriate engineering controls General industrial hygiene practice.

Personal protection equipment

Respiratory protection No special protective equipment required.

Hand protection PVC disposable gloves

Eye protection Avoid contact with eyes.

Skin and body protection No special measures required.

Thermal hazards No special measures required.

Environmental exposure controls No special measures required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid.
Colour	Colourless.
Odour	None.
Melting point/ freezing point:	Not applicable
Boiling point or initial boiling point / range:	Not determined.
Flammability:	Not flammable in contact with air
Lower and upper explosion limit:	None.
Flash point:	does not flash
Auto-ignition temperature:	None.
Decomposition temperature:	Not determined.
pH:	Not relevant for classification.
Kinematic viscosity:	Not determined.
Solubility:	completely soluble (Water)
Partition coefficient n-octanol/water (log value):	Not determined.
Vapour pressure:	Not determined.
Density and/or relative density:	1.08
Relative vapour density:	Not determined.
Particle characteristics:	Not applicable.

9.2. Other information

9.2.1 Information with regard to physical hazard classes No information available.

9.2.2 Other safety characteristics No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity No information available.

10.2. Chemical stability	No decomposition if used as directed.
10.3. Possibility of hazardous reactions	No information available.
10.4. Conditions to avoid	Vapours in contact with fire or red-hot surfaces may form decomposition products with highly irritating and warning effects.
10.5. Incompatible materials	None.
10.6. Hazardous decomposition products	None under normal use.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	sulphamidic acid; sulphamic acid; sulfamic acid (CAS 5329-14-6) Dermal LD50 Rat > 2000 mg/kg (ECHA_API) Oral LD50 Rat = 2140 mg/kg (ECHA)
Skin corrosion/irritation	No data available.
Serious eye damage/eye irritation	No data available.
Respiratory or skin sensitisation	None.
Carcinogenicity	No data available.
Germ cell mutagenicity	No data available.
Reproductive toxicity	No data available.
Specific target organ toxicity - Single exposure	No data available.
Specific target organ toxicity - Repeated exposure	No data available.
Aspiration hazard	No data available.
Human experience	This product has no known adverse effect on human health.

11.2. Information on other hazards

Endocrine disrupting properties	No data available.
Other information	No data available.

SECTION 12: Ecological information

12.1. Toxicity	No data available.
LC50 96 h Pimephales promelas 14.2 mg/L [static] (EPA)	
Acute Toxicity Data	
Ecotoxicity - Water Flea - Chronic Toxicity Data NOEC	NOEC 21 d Daphnia magna 19 mg/L [flow-through] (reproduction, ECHA_API) (ECHA_API)
12.2. Persistence and degradability	No data available.
12.3. Bioaccumulative potential	Bioaccumulation is unlikely.
12.4. Mobility in soil	No data available.
12.5. Results of PBT and vPvB assessment	This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).
12.6. Endocrine disrupting properties	No data available.
12.7. Other adverse effects	No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods	
Waste from residues / unused products	Dispose of in accordance with local regulations. 060106 - other acids
Contaminated packaging	Offer rinsed packaging material to local recycling facilities.

SECTION 14: Transport information

14.1. UN number or ID number	Not applicable.
14.2. UN proper shipping name	Not applicable.
14.3. Transport hazard class(es)	Not applicable.
14.4. Packing group	Not applicable.
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 Regulations

ADR/RID	Not regulated.
IMDG	Not regulated.
IATA	Not regulated.
Further Information	None.

SECTION 15: Regulatory information

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

Regulatory Information	Water contaminating class (WGK Germany) = 1.
sulphamidic acid; sulphamic acid; sulfamic acid (CAS 5329-14-6)	
EU - REACH (1907/2006) - Annex XVII - Restrictions on Certain Dangerous Substances	Use restricted. See entry 75.
EU - REACH (1907/2006) - List of Registered Intermediates	Present ([226-218-8])
EU - REACH (1907/2006) - List of Registered Substances	Present
Germany - Water Classification - Substances According to AwSV Classified By or Based on the VwVwS	Reg. no. 1266, hazard class 1 - slightly hazardous to water
15.2. Chemical safety assessment	Not required.

SECTION 16: Other information

Key or legend to abbreviations and acronyms	CLP: Classification according to Regulation (EC) No. 1272/2008 (GHS)
Full text of phrases referred to under sections 2 and 3	H315: Causes skin irritation. H319: Causes serious eye irritation. H412: Harmful to aquatic life with long lasting effects.
Further information	Not relevant.
Disclaimer	The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.