Safety data sheet
according to REACH Regulation (EC) 1907/2006, as amended by Regulation (EU) 2020/878

Printing date: 27.03.2026 Version number 1.1 (replaces version 1.0) Revision: 25.03.2026

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

1.1 Product identifier

Trade name: i-Spraywash ChlorTab Extra

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

Application of the substance / the mixture Disinfection tablets

1.3 Details of the supplier of the safety data sheet

Supplier:
i-team Global
Hoppenkuil 27B
5626 DD Eindhoven, The Netherlands
Tel.: +31 40 266 2450
E-Mail: hello@i-teamglobal.com

Manufacturer:
Oxytabs GmbH
- Member of the Medea Group -
Pellwormer Straße 1
D-24768 Rendsburg
Germany

Further information obtainable from:
Tel.: +49 4331 69620 0
Fax: +49 4331 69620 22
E-Mail: info@oxytabs.de

1.4 Emergency telephone number: Charité Berlin, Poison control centre: +49 30/19240

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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Eye Irrit. 2	H319 Causes serious eye irritation.
STOT SE 3	H335 May cause respiratory irritation.
Aquatic Acute 1	H400 Very toxic to aquatic life.
Aquatic Chronic 1	H410 Very toxic to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008
The product is classified and labelled according to the CLP regulation.
Hazard pictograms



GHS07 GHS09

Signal word Warning

Hazard-determining components of labelling:
Sodium dichloroisocyanurate dihydrate

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Hazard statements
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H410 Very toxic to aquatic life with long lasting effects.
Precautionary statements
P261 Avoid breathing dust.
P280 Wear protective gloves/eye protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.
Additional information:
EUH031 Contact with acids liberates toxic gas.
Contains biocidal products: Sodium dichloroisocyanurate dihydrate

2.3 Other hazards
Results of PBT and vPvB assessment
PBT:
The product does not contain components classified as persistent, bioaccumulative and toxic (PBT) in concentrations of 0.1% or higher.
vPvB:
The product does not contain components classified as very persistent and very bioaccumulative (vPvB) in concentrations of 0.1% or higher.
Determination of endocrine-disrupting properties
The product does not contain ingredients that are endocrine disruptors according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605 in quantities of 0.1% or more.

SECTION 3: Composition/information on ingredients

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

Dangerous components:		
CAS: 51580-86-0 EINECS: 220-767-7 Index number: 613-030-01-7 Reg.nr.: 01-2119489371-33	Sodium dichloroisocyanurate dihydrate Aquatic Acute 1, H400 (M=1); Aquatic Chronic 1, H410 (M=1); Acute Tox. 4, H302; Eye Irrit. 2, H319; STOT SE 3, H335, EUH031	50-100%
CAS: 124-04-9 EINECS: 204-673-3 Index number: 607-144-00-9 Reg.nr.: 01-2119457561-38	Adipic acid Eye Irrit. 2, H319	10-<25%
CAS: 497-19-8 EINECS: 207-838-8 Index number: 011-005-00-2 Reg.nr.: 01-2119485498-19	Sodium carbonate Eye Irrit. 2, H319	2.5-<10%

Regulation (EC) No 648/2004 on detergents / Labelling for contents	
chlorine-based bleaching agents	≥30%
disinfectants	

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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
General information: No special measures required.
After inhalation: Supply fresh air; consult doctor in case of complaints.
After skin contact:
Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After swallowing:
Rinse out mouth and then drink plenty of water.
If symptoms persist consult doctor.
4.2 Most important symptoms and effects, both acute and delayed
Skin irritation
Eye irritation
Gastric or intestinal disorders
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:
CO2, powder or water spray. Fight larger fires with water spray.
Use fire extinguishing methods suitable to surrounding conditions.
For safety reasons unsuitable extinguishing agents: Water with full jet
5.2 Special hazards arising from the substance or mixture
In case of fire, the following can be released:
Chlorine
Chlorine oxides
Nitrogen oxides (NOx)
Carbon dioxide (CO2)
Carbon monoxide (CO)
5.3 Advice for firefighters
Protective equipment:
Wear fully protective suit.
Wear self-contained respiratory protective device.
Additional information Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Wear protective equipment. Keep unprotected persons away.
Avoid formation of dust.

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Ensure adequate ventilation.
6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.
6.3 Methods and material for containment and cleaning up:
Pick up mechanically.
Dispose contaminated material as waste according to section 13.
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: Keep respiratory protective device available.

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: Do not store together with acids.
Further information about storage conditions:
Keep container tightly sealed.
Store in cool, dry conditions in well sealed receptacles.
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:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

DNELs		
51580-86-0 Sodium dichloroisocyanurate dihydrate		
Oral	Long-term exposure, systemic	1.15 mg/kg (Consumers)
Dermal	Long-term exposure, systemic	2.3 mg/kg (Employees)
		1.15 mg/kg (Consumers)
Inhalative	Long-term exposure, systemic	8.11 mg/m³ (Employees)
		1.99 mg/m³ (Consumers)
124-04-9 Adipic acid		
Oral	Short-term exposure, systemic	19 mg/kg (Consumers)
	Long-term exposure, systemic	19 mg/kg (Consumers)
Dermal	Kurzzeit-Exposition, systemisch	38 mg/kg (Employees)
		19 mg/kg (Consumers)
	Long-term exposure, systemic	38 mg/kg (Employees)
		19 mg/kg (Consumers)
Inhalative	Short-term exposure, local	5 mg/m³ (Employees)

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	Short-term exposure, systemic	264 mg/m³ (Employees) 65 mg/m³ (Consumers)
	Long-term exposure, local	5 mg/m³
	Long-term exposure, systemic	264 mg/m³ (Employees) 65 mg/m³ (Consumers)
497-19-8 Sodium carbonate		
Inhalative	Short-term exposure, local	10 mg/m³ (Consumers)
	Long-term exposure, local	5 mg/m³ (general population) 10 mg/m³ (Employees)

PNECs	
51580-86-0 Sodium dichloroisocyanurate dihydrate	
Fresh water	0 mg/l
Sea water	1.52 mg/l
Sediment (fresh water)	7.56 mg/kg
Floor	0.756 mg/kg
Sewage treatment plant	0.59 mg/l
124-04-9 Adipic acid	
Fresh water	0.126 mg/l
Sea water	0.0126 mg/l
Sediment (fresh water)	0.484 mg/kg
Sediment (seawater)	0.0484 mg/kg
Floor	0.0228 mg/kg
Sewage treatment plant	59.1 mg/l
Sporadic release	0.46 mg/l

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.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.

Respiratory protection: In case of dust formation, use a particle-filtering dust mask in accordance with EN 149.

Hand protection Protective gloves according to EN 374

Material of gloves
Nitrile rubber, NBR
Recommended thickness of the material: ≥ 0.4 mm
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration time of glove material >480 minutes (permeation level: 6)

For the permanent contact gloves made of the following materials are suitable: Nitrile rubber, NBR

Eye/face protection Tight-fitting safety goggles in accordance with EN ISO 16321

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Body protection: Protective work clothing

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state	Solid
Colour:	White
Odour:	Like chlorine
Odour threshold:	Not determined
Melting point/freezing point:	Not determined.
Boiling point or initial boiling point and boiling range	Not determined.
Flammability	Not determined
Lower and upper explosion limit	
Lower:	Not determined
Upper:	Not determined
Flash point:	Not applicable
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
pH at 20 °C	5-6 (5%)
Acid/alkali reserve (J.R. Young et al.):	
Viscosity:	
Kinematic viscosity	Not applicable
Dynamic:	Not applicable
Solubility	
water:	Soluble.
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure:	Not applicable
Density and/or relative density	
Density:	Not determined
Relative density	Not determined
Vapour density	Not applicable
Particle characteristics	See section 3.

9.2 Other information

Appearance:	
Form:	Tablets
Important information on protection of health and environment, and on safety.	
Ignition temperature:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard.
Solvent content:	
VOC (EC)	0.00 %
Solids content:	100.0 %
Change in condition	
Evaporation rate	Not applicable.

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Information with regard to physical hazard classes	
Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
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 Stable if stored according to specifications.
Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
10.3 Possibility of hazardous reactions Contact with acids releases toxic gases.
10.4 Conditions to avoid Protect from humidity and water.
10.5 Incompatible materials: Acids, oxidizing and reducing agents.
10.6 Hazardous decomposition products:
Chlorine
Chlorine compounds

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:		
51580-86-0 Sodium dichloroisocyanurate dihydrate		
Oral	LD50	1,823 mg/kg (rat)

Primary irritant effect:
Skin corrosion/irritation Based on available data, the classification criteria are not met.
Serious eye damage/irritation Causes serious eye irritation.
Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

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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 May cause respiratory irritation.
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.

11.2 Information on other hazards

Endocrine disrupting properties
None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:	
51580-86-0 Sodium dichloroisocyanurate dihydrate	
LC50/96h	0.24 mg/l (fish)
EC50/48h	0.17 mg/l (aquatic invertebrates)
124-04-9 Adipic acid	
LC50/48h (static)	46 mg/l (Daphnia magna) (OECD 202)
LC50/96h	230 mg/l (Leuciscus idus melanotus)
EC50/3h	4,747 mg/l (Activated sludge) (OECD 209)
EC50/48h (static)	85.7 mg/l (Daphnia magna)
EC50/72h	39.8 mg/l (Desmodesmus subspicatus)
	59 mg/l (Pseudokirchnerella subcapitata)
NOEC/21d	6.3 mg/l (Daphnia magna) (OECD 211)
497-19-8 Sodium carbonate	
LC50/96h (static)	300 mg/l (Lepomis macrochirus)
EC50/48h	200-227 mg/l (Ceriodaphnia dubia)

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
Remark: Very toxic for fish
Additional ecological information:
General notes:
Very toxic for aquatic organisms
Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water
Do not allow product to reach ground water, water course or sewage system, even in small quantities.

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Danger to drinking water if even extremely small quantities leak into the ground.

SECTION 13: Disposal considerations

13.1 Waste treatment methods
Recommendation
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue	
20 01 29*	detergents containing hazardous substances
15 01 10*	packaging containing residues of or contaminated by hazardous substances

Uncleaned packaging:
Recommendation: Non contaminated packagings may be recycled.
Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport information

14.1 UN number or ID number
ADR, IMDG, IATA UN3077

14.2 UN proper shipping name
ADR, IATA ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Sodium dichloroisocyanurate dihydrate)
IMDG ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Sodium dichloroisocyanurate dihydrate), MARINE POLLUTANT

14.3 Transport hazard class(es)
ADR, IMDG, IATA



Class 9
Label 9

14.4 Packing group
ADR, IMDG, IATA III

14.5 Environmental hazards: Product contains environmentally hazardous substances: Sodium dichloroisocyanurate dihydrate
Marine pollutant: Yes
Symbol (fish and tree)
Special marking (ADR): Symbol (fish and tree)
Special marking (IATA): Symbol (fish and tree)

14.6 Special precautions for user Warning: Miscellaneous dangerous substances and articles.

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Hazard identification number (Kemler code):	90
EMS Number:	F-A,S-F
Stowage Category	A
Stowage Code	SW23 When transported in BK3 bulk container, see 7.6.2.12 and 7.7.3.9.
14.7 Maritime transport in bulk according to IMO instruments	Not applicable
Transport/Additional information:	
ADR	
Limited quantities (LQ)	5 kg
Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 1000 g
Transport category	3
Tunnel restriction code	(-)
IMDG	
Limited quantities (LQ)	5 kg
Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 1000 g
UN "Model Regulation":	UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (SODIUM DICHLOROISOCYANURATE DIHYDRATE), 9, III

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Labelling according to Regulation (EC) No 1272/2008 GHS label elements

Directive 2012/18/EU
Named dangerous substances - ANNEX I None of the ingredients is listed.
Seveso category E1 Hazardous to the Aquatic Environment
Qualifying quantity (tonnes) for the application of lower-tier requirements 100 t
Qualifying quantity (tonnes) for the application of upper-tier requirements 200 t

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.

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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:
The product is subject to be labeled according to the prevailing version of the regulations on hazardous substances.
15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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.

Relevant phrases
H302 Harmful if swallowed.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
EUH031 Contact with acids liberates toxic gas.
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: Simone Kühn
Date of previous version: 10.02.2026
Version number of previous version: 1.0
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)
VOC: Volatile Organic Compounds (USA, EU)
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. 4: Acute toxicity – Category 4
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
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
*** Data changed with respect to previous version.**