

SAFETY DATA SHEET

(Regulation (EU) 2020/878 amending the annex II of REACH regulation.)

**Swarfega Jizer Aqua**

Version 2.1
Revision Date 09.11.2023

Print Date 09.11.2023
Specification Number: 350000043511

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier** : SWARFEGA JIZER AQUA
- UFI** : A454-D0VG-700Q-Q5CA
- 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)
- Uses advised against** : None identified
- 1.3 Details of the supplier of the safety data sheet** : SC Johnson Professional
Denby Hall way,
Denby,
Derbyshire,
DE5 8JZ
- Telephone** : +44 (0) 1773 855100 / +49 (0) 2151 73801827
- E-mail address** : talktous@scj.com
- 1.4 Emergency telephone number** : National Poisons Information Centre (Eire) 01-8092566/8379964

SECTION 2: HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

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

Hazard classification	Hazard category	Hazards identification
Skin corrosion	Category 1C	Causes severe skin burns and eye damage.
Serious eye damage	Category 1	Causes serious eye damage.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 (CLP)

Hazard symbols

Signal word
Danger

Contains

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Disodium Metasilicate Pentahydrate
Alcohols, C9-11, ethoxylated (EO = 6)
beta-Alanine, N-(2-carboxyethyl)-, N-coco alkyl derivs., disodium salts

Hazard statements

(H314) Causes severe skin burns and eye damage.

Precautionary statements

(P303 + P361 + P353) IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

(P305 + P351 + P338) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

(P301 + P330 + P331) IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

(P310) Immediately call a POISON CENTER/doctor.

(P501) Dispose of contents /container in accordance with local regulations.

(P280) Wear protective gloves/ protective clothing/ eye protection/ face protection.

Detergents regulations**: Contains**

< = 5% EDTA and salts, amphoteric surfactants, > = 5% and < 15% non-ionic surfactants,

2.3 Other hazards**: Endocrine Disruptor**

The mixture does not contain any substances >0.1% that are included in the list established in accordance with Article 59(1) for having endocrine disrupting properties

PBT and vPvB substance

The mixture does not contain any substances >0.1% that meet the criteria for persistent, bioaccumulative and toxic or very persistent and very bioaccumulative in accordance with Annex XIII.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Mixtures****Hazardous components:**

Chemical name	CAS-No./EC-No.	Reg. No.	Classification according to Regulation (EC) No 1272/2008 (CLP)	Weight percent	Specific Concentration limits, M-Factors, Acute Toxicity Estimates (ATE)
Disodium Metasilicate Pentahydrate	10213-79-3 /		Skin corrosion/irritation Category 1B H314	>= 5.00 - < 10.00	<u>ATE:</u>
Alcohols, C9-11,	68439-46-3 /		Acute toxicity	>= 1.00 - < 5.00	<u>ATE:</u>

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Chemical name	CAS-No./EC-No.	Reg. No.	Classification according to Regulation (EC) No 1272/2008 (CLP)	Weight percent	Specific Concentration limits, M-Factors, Acute Toxicity Estimates (ATE)
ethoxylated (EO = 6)			Category 4 H302 Serious eye damage/eye irritation Category 1 H318		Oral = 1,192 mg/kg Species: Rat
2,2',2''-nitrilotriethanol	102-71-6 / 203-049-8	01-2119486482-31		>= 1.00 - < 5.00	ATE: Dermal = > 5,000 mg/kg Species: Rabbit
3-C12-18-(even numbered)-Alkylamido-N,N-dimethylpropan-1-amino oxide	1471314-81-4 / 939-581-9		Short-term (acute) aquatic hazard Category 1 H400 Long-term (chronic) aquatic hazard Category 3 H412	>= 0.10 - < 0.50	M-Factor Acute = 1 ATE:
2,2'-iminodiethanol	111-42-2 / 203-868-0	01-2119488930-28	Acute toxicity Category 4 H302 Skin irritation Category 2 H315 Serious eye damage Category 1 H318 Specific target organ toxicity - repeated exposure	>= 0.10 - < 0.50	ATE:

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Chemical name	CAS-No./EC-No.	Reg. No.	Classification according to Regulation (EC) No 1272/2008 (CLP)	Weight percent	Specific Concentration limits, M-Factors, Acute Toxicity Estimates (ATE)
			Category 2 H373 Long-term (chronic) aquatic hazard Category 3 H412		

Additional Information

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: FIRST AID MEASURES**4.1 Description of first aid measures**

- Inhalation : No special requirements
- Skin contact : Rinse with plenty of water.
Get medical attention if irritation develops and persists.
- Eye contact : Rinse with plenty of water.
Get medical attention if irritation develops and persists.
- Ingestion : If symptoms persist, call a physician.

4.2 Most important symptoms and effects, both acute and delayed

- Eyes : No adverse effects expected when used as directed.
- Skin effect : No adverse effects expected when used as directed.
- Inhalation : May cause respiratory tract irritation.
No adverse effects expected when used as directed.
- Ingestion : May cause abdominal discomfort.
No adverse effects expected when used as directed.

4.3 Indication of any immediate medical attention and special treatment needed

See Description of first aid measures unless otherwise stated.

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SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable : None identified

5.2 Special hazards arising from the substance or mixture : In case of fire and/or explosion do not breathe fumes. Exposure to decomposition products may be a hazard to health.

5.3 Advice for firefighters : In the event of fire, wear self-contained breathing apparatus. Wear suitable protective clothing and gloves. Refer to current EN or National standard as appropriate.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.

6.2 Environmental precautions : Outside of normal use, avoid release to the environment. Prevent large amounts of product from entering drains. Prevent further leakage or spillage if safe to do so. Use appropriate containment to avoid environmental contamination.

6.3 Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Clean residue from spill site. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections : For personal protection see section 8. For disposal considerations see section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling : For personal protection see section 8. Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any incompatibilities : Do not freeze. Keep out of the reach of children. Stable under recommended storage conditions. No decomposition if stored and applied as directed.

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7.3 Specific end use(s) : Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
Washing and cleaning products (including solvent based products)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters****Occupational Exposure Limit Values**

Components	CAS-No.	mg/m3	ppm	Form of exposure	List
2,2',2''-nitrilotriethanol	102-71-6	15 mg/m3			IE_STELS
		5 mg/m3			IE_TWAS
2,2'-iminodiethanol	111-42-2		0.6 ppm		IE_STELS
		3 mg/m3		inhalable fraction and vapour	IE_STELS
			0.2 ppm		IE_TWAS
		1 mg/m3		inhalable fraction and vapour	IE_TWAS

Refer to current EN or National standard as appropriate.

8.2 Exposure controls

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection : For prolonged or repeated contact use protective gloves.
Nitrile gloves – Thickness 0.12mm; Breakthrough time >2 hours.

Eye/face protection : No special requirements.

Skin and body protection : No special requirements.

Other information : Wash hands before breaks and at the end of workday.

Environmental Exposure Controls : Refer to section 6.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Physical State : liquid

Colour : green

Odour : characteristic

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pH	:	13.8
Melting point/freezing point	:	0 °C
Initial boiling point and boiling range	:	> 100 C
Flash point	:	> 100 °C
Flammability (solid, gas)	:	Does not sustain combustion.
Lower flammability or explosive limits	:	Not measured as flashpoint >100 °C
Upper flammability or explosive limits	:	Not measured as flashpoint >100 °C
Vapour pressure	:	Not measured as flashpoint >100 °C
Vapour density	:	Not measured as flashpoint >100 °C
Relative density	:	1.05 g/cm ³ at 20 C
Solubility(ies)	:	soluble
Partition coefficient: n-octanol/water	:	Not required as the product is a mixture.
Auto-ignition temperature	:	Not measured as flashpoint >100 °C
Decomposition temperature	:	The substance or mixture is not classified self-reactive.
Viscosity, kinematic	:	similar to water
Particle Characteristics	:	Not required as mixture is a liquid

9.2 Other information

Other information : Test not applicable for this product type

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity : No dangerous reaction known under conditions of normal use.

10.2 Chemical stability : Stable under recommended storage conditions.

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- 10.3 Possibility of hazardous reactions** : None known.
- 10.4 Conditions to avoid** : Extremes of temperature and direct sunlight.
- 10.5 Incompatible materials** : Do not mix with acids or any other household products. May release dangerous gases (chlorine).
- 10.6 Hazardous decomposition products** : No decomposition if stored and applied as directed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity

No data available

Acute inhalation toxicity

No data available

Acute dermal toxicity

No data available

- Skin corrosion/irritation : Based on available data, the classification criteria are not met.
- Serious eye damage/eye irritation : Based on available data, the classification criteria are not met.
- 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.
- Toxicity for reproduction : 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.

11.2 Information on other hazards

- Endocrine Disrupting Properties : The mixture does not contain any substances >0.1% that are included in

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the list established in accordance with Article 59(1) for having endocrine disrupting properties

Other information : None identified

SECTION 12: ECOLOGICAL INFORMATION

Product : The product itself has not been tested.

12.1 Toxicity**Toxicity to fish**

Components	End point	Species	Value	Exposure time
Disodium Metasilicate Pentahydrate	No data available			
Alcohols, C9-11, ethoxylated (EO = 6)	No data available			
2,2',2''-nitrilotriethanol	LC50 static test	Pimephales promelas (fathead minnow)	> 1,000 mg/l	96 h
3-C12-18-(even numbered)-Alkylamido-N,N-dimethylpropan-1-amino oxide	LC50 semi-static test estimated OECD Test Guideline 203	Oncorhynchus mykiss (rainbow trout)	1.8 mg/l	96 h
2,2'-iminodiethanol	LC50 static test Measured	Oncorhynchus mykiss (rainbow trout)	460 mg/l	96 h

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Disodium Metasilicate Pentahydrate	No data available			
Alcohols, C9-11, ethoxylated (EO = 6)	No data available			
2,2',2''-nitrilotriethanol	EC50 static test	Ceriodaphnia dubia	609.88 mg/l	48 h

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	NOEC		16 mg/l	21 d
3-C12-18-(even numbered)- Alkylamido-N,N-dimethylpropan-1- amino oxide	EC50 static test estimated	Daphnia magna (Water flea)	0.96 mg/l	48 h
	NOEC semi-static test Measured	Daphnia magna	0.82 mg/l	21 d
2,2'-iminodiethanol	EC50 static test Measured	Ceriodaphnia dubia	30.1 mg/l	48 h
	NOEC semi-static test Measured	Daphnia (water flea)	0.78 mg/l	21 d

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Disodium Metasilicate Pentahydrate	No data available			
Alcohols, C9-11, ethoxylated (EO = 6)	No data available			
2,2',2''-nitrilotriethanol	EC50	Desmodesmus subspicatus	169 mg/l	96 h
3-C12-18-(even numbered)- Alkylamido-N,N-dimethylpropan-1- amino oxide	NOEC static test Measured	Pseudokirchneriella subcapitata (green algae)	0.85 mg/l	72 h
2,2'-iminodiethanol	NOEC static test Measured	Pseudokirchneriella subcapitata (green algae)	0.6 mg/l	72 h

12.2 Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Disodium Metasilicate Pentahydrate	No data available		
Alcohols, C9-11, ethoxylated (EO = 6)	94 %	28 d	Readily biodegradable.
2,2',2''-nitrilotriethanol	96 %	28 d	Readily biodegradable.
3-C12-18-(even numbered)- Alkylamido-N,N-dimethylpropan-1- amino oxide			Inherently biodegradable.
2,2'-iminodiethanol	93 % Measured	28 d	Readily biodegradable.

12.3 Bioaccumulative potential

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Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Disodium Metasilicate Pentahydrate	No data available	No data available
Alcohols, C9-11, ethoxylated (EO = 6)	No data available	No data available
2,2',2''-nitrilotriethanol	< 3.9	-2.53
3-C12-18-(even numbered)-Alkylamido-N,N-dimethylpropan-1-amino oxide	71 QSAR	
2,2'-iminodiethanol	0.89	-2.46

12.4 Mobility in soil

Component	End point	Value
Disodium Metasilicate Pentahydrate	No data available	
Alcohols, C9-11, ethoxylated (EO = 6)	No data available	
2,2',2''-nitrilotriethanol	log Koc	1
3-C12-18-(even numbered)-Alkylamido-N,N-dimethylpropan-1-amino oxide	No data available	
2,2'-iminodiethanol	log Koc	-1.147

12.5 Results of PBT and vPvB assessment

Component	Results
Disodium Metasilicate Pentahydrate	Not fulfilling PBT and vPvB criteria
Alcohols, C9-11, ethoxylated (EO = 6)	Not fulfilling PBT and vPvB criteria
2,2',2''-nitrilotriethanol	Not fulfilling PBT and vPvB criteria
3-C12-18-(even numbered)-Alkylamido-N,N-dimethylpropan-1-amino oxide	Not fulfilling PBT and vPvB criteria
2,2'-iminodiethanol	Not fulfilling PBT and vPvB criteria

12.6 Endocrine Disrupting Properties : The mixture does not contain any substances >0.1% that are included in the list established in accordance with Article 59(1) for having endocrine disrupting properties

12.7 Other adverse effects : None known.

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Specification Number: 350000043511**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

- Product : Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Disposal should be in accordance with local, state or national legislation.
Please recycle empty packaging.
- Packaging : Do not re-use empty containers.

SECTION 14: TRANSPORT INFORMATION

	Land transport	Sea transport	Air transport
14.1 UN number or identification number	1719	1719	1719
14.2 UN proper shipping name	UN 1719 Caustic alkali liquid, N.O.S. (CONTAINS DIHYDROXYETHYL COCAMINE OXIDE, SODIUM METASILICATE), III	UN 1719 Caustic alkali liquid, N.O.S. (CONTAINS DIHYDROXYETHYL COCAMINE OXIDE, SODIUM METASILICATE), III	UN 1719 Caustic alkali liquid, N.O.S. (CONTAINS DIHYDROXYETHYL COCAMINE OXIDE, SODIUM METASILICATE), III
14.3 Transport hazard class(es)	8	8	8
14.4 Packing group	III	III	III
14.5 Environmental hazards			
14.6 Special precautions for user	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.
14.7 Maritime transport in bulk according to IMO instruments	Product not transported as bulk.	Product not transported as bulk.	Product not transported as bulk.

SECTION 15: REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture** : This safety datasheet complies with the requirements of:
Regulation (EC) No. 1907/2006.
Regulation (EC) No. 1272/2008 (CLP) as amended (not applicable to cosmetics)

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Regulation (EC) No. 528/2012 as amended (applicable to biocidal products)

Directive (EEC) No. 75/324 as amended (applicable to aerosols)

Regulation (EC) No. 1223/2009 amended (applicable to cosmetic products)

Regulation (EC) No. 684/2001 The surfactants contained in this preparation comply with the biodegradability criteria laid down in Regulation (EC) No.648/2004 for detergents (applicable to detergents).

Directive (EC) No. 2001/95/EC - General Product Safety Directive

European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)

Directive 2012/18/EU Seveso

Regulation (EU) 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.

SZW list of carcinogenic, mutagenic and reproductively toxic substances

15.2 Chemical safety assessment : Where Exposure Scenarios for the substances listed in Section 3 are available they have been assessed for the uses identified in this data sheet or on the product label and the appropriate relevant information is incorporated into this Safety Data Sheet

SECTION 16: OTHER INFORMATION

If applicable, revision(s) are noted by the bold bars || in left-hand margin.

Key abbreviations or acronyms used

- EC - European Community
- EEC – European Economic Community
- CLP – Classification Labelling & Packaging
- EN – European Standard or European Norm
- PBT – Persistent, Bioaccumulative & Toxic
- vPvB – very persistent, very bioaccumulative
- UN – United Nations

Evaluation methods

Unless otherwise stated in section 11, the procedure used to derive the human health classification is the relevant calculation method according to CLP regulation (EC) No 1272/2008 as amended.

Unless otherwise stated in section 12, the procedure used to derive the environmental classification is the summation of the classified components method according to CLP regulation (EC) No 1272/2008 as amended.

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Full text of H-Statements

H314	Causes severe skin burns and eye damage.
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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.