

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

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1.1 Preparation identification

TULIP Washing Powder

1.2 Relevant identified uses of the substance or mixture and uses advised against
Relevant identified uses: for washing in all types of washing machines and for hand washing.
Uses advised against: not determined.

1.3. Details of the supplier of the Safety Data Sheet

Ail sp. z o.o.
ul.Sowia 15
62-080 Tarnowo Podgórne
Poland
e-mail: andrzej@aii-consulting.com
www.aii-consulting.com

1.4 Emergency telephone numbers
112 - the emergency number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture:

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Skin Irrit. 2; H315
Eye Irrit. 2 H319

2.2. Label elements



Signal word: Warning

Hazard statements

H315 - Causes skin irritation.

H319 - Causes serious eye irritation.



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Precautionary statements

P102 - Keep out of reach of children.

P264 – Wash hands thoroughly after handling.

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

P332+P313 – If skin irritation occurs: Get medical advice/attention.

2.3. Other hazards

Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII - no

Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII -

Not available

Other hazards which do not result in classification - None known

SECTION 3: Composition/information on ingredients

3.1. Substances: Not applicable

3.2 Mixtures:

Compound	CAS No.	EC No.	Index number	% w/w	Classification according to Regulation No. 1272/2008
Sodium Carbonate	497-19-8	207-838-8	011-005-00-2	< 25,0	Eye Irrit. 2 H319
Sodium Chloride	7647-14-5	231-598-3	-	>10,0	-
Aqua	7732-18-5	231-791-2	-	1,-10,0	-
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.	85536-14-7	287-494-3	-	< 3,0	Acute Tox.4 H302 Skin Corr. 1C H314
Sodium Sulfate	7757-82-6	231-820-9	-	1,0-10,0	-
Perfume	-	-	-	<1,0	-

Additional information:

For full text of H statements, please refer to Section:16

SECTION 4: First aid measures

4.1 Description of first aid measures:

General comments: should be adhered these safety precautions and usage contained on the label. With the occurrence of symptoms or in cases of doubt seek medical advice.

Inhalation - In normal circumstances cause no threat.

Eye contact – Remove contact lenses. Rinse eyes with cold water for 10 minutes (small water flow directed to outer side of the face - never directed to healthy eye). Seek medical attention if irritation persists.

Skin contact - Contaminated skin rinse with plenty of water. Seek medical attention if irritation persists.

Ingestion - Rinse the mouth with water. To give a small amount of water to drink. Prevent vomiting. Seek medical attention.

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

Potential acute health effects

Eye contact: burning sensation, redness, swelling



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Skin contact: burning sensation, redness

Ingestion: Ingestion of large amounts causes nausea, vomiting, abdominal pain

Inhalation: Not applicable

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: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable Extinguishing media: Do not use condensed streams of water.

5.2. Special hazards arising from the substance or mixture:

Hazards from the substance or mixture: Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Hazardous combustion products: no data

5.3. Advice for firefighters

Special precautions for firefighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training

Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel:

Evacuate surrounding areas. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

6.1.2. For emergency responders:

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

6.2. Environmental precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

6.3. Methods and material for containment and cleaning up

Gather up the product submitted in sealed containers to security precautions

6.4 Reference to other sections

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

7.1.1. While use and storage observe the generally applicable safety and health at work. Avoid release to the environment

7.1.2. Not to eat and drink. Washed surfaces thoroughly rinse with water. Upon use - wash your hands.

7.2. Conditions for safe storage, including any incompatibilities

Store in the original packaging, under cover, dry, temperature in the range 3,0 – 25,0°C. Protect from direct sunlight. Protect from freezing.

7.3. Specific end use(s): Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters: The occupational exposure limit values (NDS, NDSch, NDSP according to Minister of Work and Community Politics Decree from 29-th of November 2002 due to the highest acceptable concentrates and intensities of factors which are harmful for health in work environment (Daily Law No. 217, position 1833 with changes)

Derived effect levels

Product/ingredient name	Type	Exposure	Value	Population	Effects
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.	DNEL	Long term Dermal	170 mg/kg bw/day	Workers	-
	DNEL	Long term Inhalation	12 mg/m ³	Workers	-
	DNEL	Long term Oral	0,85 mg/ kg bw/day	Consumers	-
	DNEL	Long term Dermal	85 mg/kg bw/day	Consumers	-
	DNEL	Long term Inhalation	3 mg/m ³	Consumers	-

Predicted effect concentrations

Product/ingredient name	Type	Compartment Detail	Value	Method Detail
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.	PNEC	Fresh water	0,268 mg/l	Assessment Factors
	PNEC	Marine	0,0268 mg/l	Assessment Factors
	PNEC	Sediment	8,1 mg/kg	Assessment Factors
	PNEC	Marine Sewage Treatment Plant	0,0167 mg/3,43 mg/	Assessment Factors



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8.2. Exposure controls:

8.2.1 Appropriate engineering controls: General ventilation of room.

8.2.2 Personal protection equipment: In normal circumstances is not required. Wash hands after work. Do not eat or drink or smoke.

Eye and face protection: In normal circumstances is not required

Skin protection: In normal circumstances is not required

Respiratory protection: In normal circumstances is not required

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance – powder

Odour – characteristic for used fragrance

Odour threshold - not applicable

pH (20°C) – 10,0-11,0

Melting point/freezing point - not applicable

Initial boiling point and boiling range - not applicable

Flash point - not applicable

Evaporation rate - not applicable

Flammability (solid, gas) - not applicable

Upper/lower flammability or explosive limits - not applicable

Vapour pressure - not applicable

Vapour density - not applicable

Relative density [g/cm³] – not applicable

Solubility(ies) –water

Partition coefficient: n-octanol/water - not applicable

Auto-ignition temperature - not applicable

Decomposition temperature - not applicable

Viscosity - not applicable

Explosive properties - not applicable

Oxidising properties. - not applicable

9.2 Other information

No additional information

SECTION 10: Stability and reactivity

10.1 Reactivity - not applicable

10.2 Chemical stability - Stable for a period of 24 months from the date of production.

10.3 Possibility of hazardous Reactions - Not known

10.4 Conditions to avoid - Moisture.

10.5 Incompatible materials - Acids, heavy metals

10.6 Hazardous decomposition products - For mixture - not known. May create sulphur oxide

SECTION 11: Toxicological information

11.1. Information on toxicological effects:

FOR SUBSTANCES:

Compound	CAS No.	Portion	Value	Unit
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.	85536-14-7	LD ₅₀ – oral rat	1000	mg/kg
Sodium Carbonate	497-19-8	LD ₅₀ - oral rat	4090	mg/kg
		LD ₅₀ - oral mouse	6000	mg/kg

Acute toxicity

Based on available data, the classification criteria are not met.

Irritation/Corrosion

Causes serious eye irritation. Causes skin irritation.

Sensitiser

Based on available data, the classification criteria are not met.

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.

Specific target organ toxicity (single exposure)

Based on available data, the classification criteria are not met.

Specific target organ toxicity (repeated exposure)

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Other information:

The likely routes of exposure: eyes, skin

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SECTION 12: Ecological information

12.1 Toxicity

For mixtures: no data

For substance:

Compound	CAS No.	Portion	Value	Unit
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.	85536-14-7	EC ₅₀ - (fish)	0,7-7,7	mg/l (48h)
		EC ₅₀ - (Daphnia magna)	1,2-11,2	mg/l (48h)
		IC ₅₀ - (Algi)	4,3-29	mg/l
Sodium Carbonate	497-19-8	EC ₅₀ - (fish)	300-500	mg/l/(96h)
		EC ₅₀ - (Daphnia magna)	4,9	mg/l

12.2. Persistence and degradability - The surfactants contained in the mixture are consistent with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents.

12.3. Bioaccumulative - No data

12.4. Mobility in soil - Product is soluble in water.

12.5. Results of PBT and vPvB - No data

12.6. Other adverse effects - no data

SECTION 13: Disposal considerations

13.1. Waste treatment methods:

Follow the laws in force in the area. Thoroughly emptied packaging products are the subject of municipal waste collection.

Legal basis:

The Act of 27 April 2001 on waste (Dz. U. No. 62/2001, item. 628), as amended

The Act of 11 May 2001 on packaging and packaging waste (Dz. U. No. 63/2001, item. 638), as amended

SECTION 14: Transport information

According to the requirements of ADR / RID:

14.1. UN Number - Not applicable

14.2. Proper shipping name - Not applicable

14.3. Class (es) Transport - Not applicable



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14.4. Packing group - Not applicable

14.5. Environmental hazards - No

14.6. Special precautions for user - Not applicable

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code - Not applicable

SECTION 15: Regulatory information

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

- ⋄ REGULATION (EC) NO 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency
- ⋄ Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
- ⋄ The European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)
- ⋄ REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents
- ⋄ The Act of 25 February 2011. on chemical substances and mixtures thereof. (Dz.U. 2011, nr 63, poz. 322.), as amended
- ⋄ COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- ⋄ DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 November 2008 on waste and repealing certain Directives
- ⋄ COMMISSION DECISION of 18 December 2014 amending Decision 2000/532/EC on the list of waste pursuant to Directive 2008/98/EC of the European Parliament and of the Council
- COMMISSION DIRECTIVE 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

15.2 Chemical safety assessment
not applicable

SECTION 16: Other information

H phrases:

H302 Harmful if swallowed

H314 Causes severe skin burns and eye damage.

H319 Causes serious eye irritation.

Abbreviations and acronyms:

ATE = Acute Toxicity Estimate

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

DEL = Derived effect levels

DNEL = Derived No Effect Level

EUH statement = CLP-specific Hazard statement



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PEC = Predicted effect concentrations

PNEC = Predicted No Effect Concentration

RRN = REACH Registration Number

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

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

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Above information are elaborated in base of present accessible data characterizing product, experience and knowledge of the producer. They are not a part of product quality description not even a promise for specific characteristics. They should be treated as help for safe storing, using and transporting of product. However the worker is not without responsibility to. He should correctly use above information and comply with all law standards valid in this field.