



## SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

13 rue Louis Blériot

77290 COMPANS

## Spolapon XS Na

Creation date	30th June 2020	Version	6.0
Revision date	30th January 2024		

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

- 1.1. Product identifier**  
Substance / mixture Spolapon XS Na  
Number mixture  
UFI 10570  
Other mixture names QG8X-P06E-P00X-R24T  
sodium xylenesulphonate
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**  
**Mixture's intended use**  
Ingredient in the production of detergents, industrial auxiliary.  
**Main intended use**  
PC-UNC Chemical products - uncategorised  
**Mixture uses advised against**  
The product should not be used in ways other than those referred in Section 1.
- 1.3. Details of the supplier of the safety data sheet**  
**Manufacturer**  
Name or trade name Enaspol a. s.  
Address Velvěty 79, Rtyně nad Bílinou, 415 01  
Czech Republic  
Identification number (CRN) 25006339  
VAT Reg No CZ25006339  
Phone +420 703 146 416  
E-mail enaspol@enaspol.cz  
Web address http://www.enaspol.cz
- Email address for a competent person responsible for the safety data sheet**  
Name Táša Polmová  
E-mail polmova@enaspol.cz
- 1.4. Emergency telephone number**  
European emergency number: 112

**SECTION 2: Hazards identification**

- 2.1. Classification of the substance or mixture**  
**Classification of the mixture in accordance with Regulation (EC) No 1272/2008**  
The mixture is classified as dangerous.

Eye Irrit. 2, H319

**Most serious adverse effects on human health and the environment**

Causes serious eye irritation.

- 2.2. Label elements**  
**Hazard pictogram**

**Signal word**

Warning

**Hazardous substances**

sodium (xylenes and 4-ethylbenzene)sulfonate

**Hazard statements**

H319 Causes serious eye irritation.

**Precautionary statements**

P280 Wear eye protection.

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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.

### 2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

**Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment**

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
EC: 701-037-1 Registration number: 01-2119513350-56-0008	sodium (xylenes and 4-ethylbenzene) sulfonate	39-41	Eye Irrit. 2, H319	1

#### Notes

1 *Substance of unknown or variable composition, complex reaction products or biological materials - UVCB.*

Full text of all classifications and hazard statements is given in the section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

#### If inhaled

Terminate the exposure immediately; move the affected person to fresh air.

#### If on skin

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists.

#### If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes. Provide medical treatment, specialized if possible.

#### If swallowed

DO NOT INDUCE VOMITING - even the induced vomiting can cause complications as in case of detergents and other foaming substances.

### 4.2. Most important symptoms and effects, both acute and delayed

#### If inhaled

Not expected.

#### If on skin

Not expected.

#### If in eyes

Causes serious eye irritation.

#### If swallowed

Irritation, nausea.

### 4.3. Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

##### Unsuitable extinguishing media

Water - full jet.

#### 5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

#### 5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Prevent contact with skin and eyes.

#### 6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

#### 6.3. Methods and material for containment and cleaning up

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

#### 6.4. Reference to other sections

See the Section 7, 8 and 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Prevent contact with skin and eyes. Wash hands and exposed parts of the body thoroughly after handling. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

#### 7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose.

Content	Packaging type	Material of package
50 kg	barrel / drum	
200 kg	barrel / drum	
1000 kg	IBC (intermediate bulk container)	

Storage class 12 - Other non-combustible liquids

Storage temperature min 20 °C, max 40 °C

#### 7.3. Specific end use(s)

Ingredient in the production of detergents, industrial auxiliary.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

The mixture contains no substances for which occupational exposure limits are set.

##### DNEL

sodium (xylenes and 4-ethylbenzene)sulfonate			
Workers / consumers	Route of exposure	Value	Effect
Consumers	Inhalation	6.6 mg/m <sup>3</sup>	Chronic effects systemic
Consumers	Dermal	68.1 mg/kg bw/day	Chronic effects systemic
Consumers	Dermal	0.048 mg/cm <sup>2</sup>	Chronic effects local

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sodium (xylenes and 4-ethylbenzene)sulfonate			
Workers / consumers	Route of exposure	Value	Effect
Consumers	Oral	3.8 mg/kg bw/day	Chronic effects systemic
Workers	Oral	37.4 mg/m <sup>3</sup>	Chronic effects systemic
Workers	Dermal	191 mg/kg bw/day	Chronic effects systemic
Workers	Dermal	0.096 mg/cm <sup>2</sup>	Chronic effects local

### PNEC

sodium (xylenes and 4-ethylbenzene)sulfonate	
Route of exposure	Value
Drinking water	0.1 mg/l
Water (intermittent release)	1.0 mg/l
Microorganisms in sewage treatment	100 mg/l
Freshwater sediment	0.372 mg/kg of dry substance of sediment
Sea sediments	0.0372 mg/kg of dry substance of sediment
Soil (agricultural)	0.016 mg/kg of dry substance of soil
Seawater (intermittent release)	0.01 mg/l

### 8.2. Exposure controls

Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

#### Eye/face protection

tightly sealed protective goggles or protective shield (according to EN 166)

#### Skin protection

Use chemical-resistant, impervious protective gloves (according to EN 374-1):

permanent contact:

material – nitrile rubber

glove thickness – 0.11 mm

permeation time > 480 min

permeation class – 6

splash:

material – nitrile rubber

glove thickness – 0.11 mm

permeation time > 480 min

permeation class – 6

Gloves used must comply with the specifications set up in Directive 89/686/EEC and related norm EN 374-1.

Additional warning:

The data above are based on our own tests, literature data or they were analogically derived from similar substances.

With regards to various conditions (eg. temperature) the actual durability life of gloves resistant to chemicals may be substantially shorter than the permeation time set up in the EN 374-1 standard. Observe recommendations of the particular manufacturer of the gloves when choosing appropriate thickness, material and permeability.

#### Respiratory protection

Respiratory protection is required if fumes/aerosols are formed or in case of inadequate ventilation.

Recommended type of filter: Filter A (according to EN 14387 + A1) against organic gases and vapours of organic substances with boiling point > 65°C. Appropriate room ventilation is also essential.

#### Thermal hazard

Not available.

#### Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state

liquid

Colour

colourless, colourless to yellowish

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Odour	Faint, product specific
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	>100 °C
Flammability	data not available
Lower and upper explosion limit	data not available
Flash point	>100 °C
Auto-ignition temperature	data not available
Decomposition temperature	data not available
pH	7-9 (3% solution at 20 °C)
Kinematic viscosity	data not available
Solubility in water	soluble
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	data not available
Density and/or relative density	
Density	1.17 g/cm <sup>3</sup> at 20 °C
Relative vapour density	data not available
Particle characteristics	data not available
Form	liquid

### 9.2. Other information

Oxidising properties The product has no oxidizing properties.  
Explosive properties The product does not have explosive properties.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

not available

### 10.2. Chemical stability

The product is stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Unknown.

### 10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

### 10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

### 10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

## SECTION 11: Toxicological information

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

not available

#### Acute toxicity

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

sodium (xylenes and 4-ethylbenzene)sulfonate							
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Value determination
Oral	LD <sub>50</sub>	OECD 401	3346 mg/kg bw		Rat (Rattus norvegicus)		Expert opinion
Inhalation	LC <sub>50</sub>	OECD 403	>6.41 mg/l		Rat (Rattus norvegicus)		
Dermal	LD <sub>50</sub>	OECD 402	>2000 mg/kg bw		Rabbit		Expert opinion

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### Skin corrosion/irritation

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

sodium (xylenes and 4-ethylbenzene)sulfonate					
Route of exposure	Result	Method	Exposure time	Species	Value determination
Dermal	Not irritating	OECD 404		Rabbit	Expert opinion

### Serious eye damage/irritation

Causes serious eye irritation.

sodium (xylenes and 4-ethylbenzene)sulfonate					
Route of exposure	Result	Method	Exposure time	Species	Value determination
Eye	Irritating	OECD 405		Rabbit	Expert opinion

### Respiratory or skin sensitisation

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

### Sensitization

sodium (xylenes and 4-ethylbenzene)sulfonate						
Route of exposure	Result	Method	Exposure time	Species	Sex	Value determination
Dermal	Not sensitizing					
Skin	Not sensitizing	OECD 406				Expert opinion

### Germ cell mutagenicity

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

### Carcinogenicity

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

sodium (xylenes and 4-ethylbenzene)sulfonate					
Route of exposure	Parameter	Value	Result	Species	Sex
		není karcinogenní			

### Reproductive toxicity

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

### Toxicity for specific target organ - single exposure

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

### Toxicity for specific target organ - repeated exposure

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

### Repeated dose toxicity

sodium (xylenes and 4-ethylbenzene)sulfonate								
Route of exposure	Parameter	Result	Method	Value	Exposure time	Species	Sex	Value determination
Oral	NOAEL		OECD 408	763 mg/kg bw/day		Mouse		Expert opinion
Dermal	NOAEL			0.48 mg/cm <sup>2</sup>		Rat (Rattus norvegicus)		Expert opinion

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### Aspiration hazard

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

### 11.2. Information on other hazards

#### Endocrine disrupting properties

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

#### Other information

not available

## SECTION 12: Ecological information

### 12.1. Toxicity

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

#### Acute toxicity

sodium (xylenes and 4-ethylbenzene)sulfonate					
Parameter	Method	Value	Exposure time	Species	Environment
LC <sub>50</sub>	EPA OTS 797.1400	1000 mg/l	96 hours	Fish (Oncorhynchus mykiss)	
EC <sub>50</sub>	EPA OTS 797.1300	1000 mg/l	48 hours	Daphnia (Daphnia magna)	
EC <sub>50</sub>	EPA OTS 797.1050	230 mg/l	96 hours	Algae (Selenastrum capricornutum)	

### 12.2. Persistence and degradability

The mixture is biodegradable.

#### Biodegradability

Spolapon XS Na							
Parameter	Method	Value	Exposure time	Environment	Value determination	Result	Source
						Easily biodegradable	

sodium (xylenes and 4-ethylbenzene)sulfonate							
Parameter	Method	Value	Exposure time	Environment	Value determination	Result	Source
	OECD 302B	82.3 %			Expert opinion	Easily biodegradable	EMPLA T 123/2011

### 12.3. Bioaccumulative potential

Insignificant.

### 12.4. Mobility in soil

The product is soluble and mobile in water and soil. Contamination of water courses may occur in the event of rain.

### 12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

### 12.6. Endocrine disrupting properties

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

### 12.7. Other adverse effects

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Not available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

#### Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

#### Waste type code

16 03 05\* organic wastes containing hazardous substances

#### Packaging waste type code

15 01 10\* packaging containing residues of or contaminated by hazardous substances

(\* ) - Hazardous waste according to Directive 2008/98/EC on hazardous waste

### SECTION 14: Transport information

#### 14.1. UN number or ID number

not subject to transport regulations

#### 14.2. UN proper shipping name

not relevant

#### 14.3. Transport hazard class(es)

not relevant

#### 14.4. Packing group

not relevant

#### 14.5. Environmental hazards

Not harmful for the environment.

#### 14.6. Special precautions for user

Reference in the Sections 4 to 8.

#### 14.7. Maritime transport in bulk according to IMO instruments

not relevant

### 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 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

#### 15.2. Chemical safety assessment

CSA has been carried out.

### SECTION 16: Other information

#### A list of standard risk phrases used in the safety data sheet

H319 Causes serious eye irritation.

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### Guidelines for safe handling used in the safety data sheet

P280 Wear 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.

### Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

### Key to abbreviations and acronyms used in the safety data sheet

ADR Agreement concerning the international carriage of dangerous goods by road  
BCF Bioconcentration Factor  
CAS Chemical Abstracts Service  
CLP Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures  
EC Identification code for each substance listed in EINECS  
EC<sub>50</sub> Concentration of a substance when it is affected 50 % of the population  
EINECS European Inventory of Existing Commercial Chemical Substances  
EmS Emergency plan  
EU European Union  
EuPCS European Product Categorisation System  
Eye Irrit. Eye irritation  
IATA International Air Transport Association  
IBC International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals  
ICAO International Civil Aviation Organization  
IMDG International Maritime Dangerous Goods  
IMO International Maritime Organization  
INCI International Nomenclature of Cosmetic Ingredients  
ISO International Organization for Standardization  
IUPAC International Union of Pure and Applied Chemistry  
LC<sub>50</sub> Lethal concentration of a substance in which it can be expected death of 50% of the population  
LD<sub>50</sub> Lethal dose of a substance in which it can be expected death of 50% of the population  
log Kow Octanol-water partition coefficient  
NOAEL No observed adverse effect level  
OEL Occupational Exposure Limits  
PBT Persistent, bioaccumulative and toxic  
PMT Persistent, mobile and toxic  
ppm Parts per million  
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals  
RID Agreement on the transport of dangerous goods by rail  
UN number Four-figure identification number of the substance or article taken from the UN Model Regulations  
UVCB Substances of unknown or variable composition, complex reaction products or biological materials  
VOC Volatile organic compounds  
vPvB Very persistent and very bioaccumulative  
vPvM Very persistent and very mobile

### Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

### Recommended restrictions of use

not available

### Information about data sources used to compile the Safety Data Sheet

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REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

### **The changes (which information has been added, deleted or modified)**

The version 6.0 replaces the SDS version from Wednesday, 28 July 2021. Changes were made in sections 1, 8, 11, 12, 13,15 and 16.

### **More information**

Classification procedure - calculation method.

### **Statement**

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.