

#### According to 1907/2006/EC (REACH), 2015/830/EU (THIS SDS IS JUST FOR INFORMATIVE PURPOSE. THE SDS SHALL BE SUPPLIED IN AN OFFICIAL LANGUAGE OF THE COUNTRY WHERE THE PRODUCT IS PLACED ON THE MARKET)

# SZMATKA ODTŁUSZCZAJĄCA - DEGREASING CLOTH

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

#### 1.1 Product identifier: SZMATKA ODTŁUSZCZAJĄCA - DEGREASING CLOTH

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

Relevant uses: The product is intended for cleaning dirty surfaces.

Uses advised against: All uses not specified in this section or in section 7.3

#### 1.3 Details of the supplier of the safety data sheet:

Agencja Handlowa "BOLL" Wojciech Dalewski Spółka Jawna ul. Chemiczna 3 65-713 Zielona Góra - Polska Phone.: 68 451 99 99 - Fax: 68 451 99 00 technolog@boll.pl

#### 1.4 Emergency telephone number:

#### SECTION 2: HAZARDS IDENTIFICATION \*\*

#### 2.1 Classification of the substance or mixture:

#### CLP Regulation (EC) No 1272/2008:

Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.

Eye Irrit. 2: Eye irritation, Category 2, H319 Flam. Liq. 2: Flammable liquids, Category 2, H225 STOT SE 3: Specific toxicity causing drowsiness and dizziness, single exposure, Category 3, H336

#### 2.2 Label elements:

#### CLP Regulation (EC) No 1272/2008:



#### Hazard statements:

H225 - Highly flammable liquid and vapour

H319 - Causes serious eye irritation

H336 - May cause drowsiness or dizziness

#### **Precautionary statements:**

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

#### 2.3 Other hazards:

Product fails to meet PBT/vPvB criteria

\*\* Changes with regards to the previous version

#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substance:

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Non-applicable
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3.2 Mixture:

**Chemical description:** An aqueous solution of the substances listed below.

#### **Components:**

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:



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## SZMATKA ODTŁUSZCZAJĄCA - DEGREASING CLOTH

CTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued Identification Chemical name/Classification Concentration CAS: 67-63-0 ATP CLP00 propan-2-ol(1) EC: 200-661-7 75 - <100 % Index: 603-117-00-0 Eve Irrit, 2: H319: Flam, Lig, 2: H225: STOT SE 3: H336 - Danger Regulation 1272/2008 REACH: 01-2119457558-25-XXXX (1) Voluntarily-listed substance failing to meet any of the criteria set out in Regulation (EU) No. 2015/830 To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

### SECTION 4: FIRST AID MEASURES

#### 4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

#### By inhalation:

Remove the person affected from the area of exposure, provide with fresh air and keep at rest. In serious cases such as cardiorespiratory failure, artificial resuscitation techniques will be necessary (mouth to mouth resuscitation, cardiac massage, oxygen supply, etc.) requiring immediate medical assistance.

#### By skin contact:

In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of changes to the skin (stinging, redness, rashes, blisters,...), seek medical advice with this Safety data Sheet

#### By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

#### By ingestion/aspiration:

In case of consumption, seek immediate medical assistance showing the SDS for the product.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

#### Non-applicable

#### SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media:

If possible use polyvalent powder fire extinguishers (ABC powder), alternatively use foam or carbon dioxide extinguishers (CO<sub>2</sub>). IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

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

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

#### 5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

#### Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.



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#### SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Destroy any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

### 6.2 Environmental precautions:

This product is not classified as hazardous to the environment. Keep product away from drains, surface and underground water.

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

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

#### 6.4 Reference to other sections:

See sections 8 and 13.

#### SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling:

A.- Precautions for safe manipulation

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

B.- Technical recommendations for the prevention of fires and explosions

Transfer in well ventilated areas, preferably through localized extraction. Fully control sources of ignition (mobile phones, sparks,...) and ventilate during cleaning operations. Avoid the existence of dangerous atmospheres inside containers, applying inertization systems where possible. Transfer at a slow speed to avoid the creation of electrostatic charges. Against the possibility of electrostatic charges: ensure a perfect equipotential connection, always use groundings, do not wear work clothes made of acrylic fibres, preferably wearing cotton clothing and conductive footwear. Comply with the essential security requirements for equipment and systems defined in Directive 2014/34/EC (ATEX 100) and with the minimum requirements for protecting the security and health of workers under the selection criteria of Directive 1999/92/EC (ATEX 137). Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations to prevent ergonomic and toxicological risks

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

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

A.- Technical measures for storage

Minimum Temp.:5 °CMaximum Temp.:20 °CMaximum time:24 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

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

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters:



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#### ECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Substances whose occupational exposure limits have to be monitored in the workplace

There are no occupational exposure limits for the substances contained in the product

#### **DNEL (Workers):**

		Short e	xposure	e Long exposure		
Identification		Systemic	Local	Systemic	Local	
propan-2-ol	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable	
CAS: 67-63-0	Dermal	Non-applicable	Non-applicable	888 mg/kg	Non-applicable	
EC: 200-661-7	Inhalation	Non-applicable	Non-applicable	500 mg/m <sup>3</sup>	Non-applicable	

#### **DNEL (General population):**

		Short e	xposure	Long exposure	
Identification		Systemic	Local	Systemic	Local
propan-2-ol	Oral	Non-applicable	Non-applicable	26 mg/kg	Non-applicable
CAS: 67-63-0	Dermal	Non-applicable	Non-applicable	319 mg/kg	Non-applicable
EC: 200-661-7	Inhalation	Non-applicable	Non-applicable	89 mg/m³	Non-applicable

#### PNEC:

Identification				
propan-2-ol	STP	2251 mg/L	Fresh water	140,9 mg/L
CAS: 67-63-0	Soil	28 mg/kg	Marine water	140,9 mg/L
EC: 200-661-7	Intermittent	140,9 mg/L	Sediment (Fresh water)	552 mg/kg
	Oral	0,16 g/kg	Sediment (Marine water)	552 mg/kg

#### 8.2 **Exposure controls:**

A.- General security and hygiene measures in the work place

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Directive 89/686/EC. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1.

All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

#### C.- Specific protection for the hands

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory hand protection	Protective gloves against minor risks	CATI		Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional users/industrials, we recommend using CE III gloves in line with standards EN 420:2003+ A1:2009 and EN ISO 374-1:2016

"As the product is a mixture of several substances, the resistance of the glove material can not be predicted in advance with total reliability and has therefore to be checked prior to the application'

#### D.- Ocular and facial protection

	Pictogram	PPE	Labelling	CEN Standard	Remarks
	Mandatory face protection	Panoramic glasses against splash/projections.		EN 166:2001 EN ISO 4007:2018	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.
E	Body protection				

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Version: 4 (Replaced 3)



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Pictogram		PPE	Labelling		CEN Standard		Remarks
	W	Vork clothing	CATI			perioo recom	ce before any evidence of deterioration. For ds of prolonged exposure to the product for professional/industrial users CE III is mended, in accordance with the regulation: ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994.
	Anti-slip work shoes		<u> </u>		ISO 20347:2012	perioo recom	ce before any evidence of deterioration. For ds of prolonged exposure to the product for professional/industrial users CE III is mended, in accordance with the regulations EN ISO 20345:2012 y EN 13832-1:2007
F Additional eme	ergency me	asures					
Emergency	measure	St	andards		Emergency measu	ıre	Standards
Emergency			SI Z358-1 11, ISO 3864-4:2011		Eyewash station	s	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011
Environmental e	avnosure (	controls.					

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

For complete information see the product datasheet.

Tor complete information see the product datasite	
Appearance:	
Physical state at 20 °C:	Liquid
Appearance:	Fluid
Colour:	Colourless
Odour:	Alcohol
Odour threshold:	Non-applicable *
Volatility:	
Boiling point at atmospheric pressure:	>80 °C
Vapour pressure at 20 °C:	<4300 Pa
Vapour pressure at 50 °C:	Non-applicable *
Evaporation rate at 20 °C:	Non-applicable *
Product description:	
Density at 20 °C:	800 kg/m³
Relative density at 20 °C:	0,8
Dynamic viscosity at 20 °C:	Non-applicable *
Kinematic viscosity at 20 °C:	Non-applicable *
Kinematic viscosity at 40 °C:	Non-applicable *
Concentration:	Non-applicable *
pH:	Non-applicable *
Vapour density at 20 °C:	Non-applicable *
Partition coefficient n-octanol/water 20 °C:	Non-applicable *
Solubility in water at 20 °C:	Non-applicable *
*Not relevant due to the nature of the product, not providing	g information property of its hazards.



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SECTION	9: PHYSICAL AND CHEMICAL PROPERTIES	(continued)
Solu	ubility properties:	Highly water-soluble
Dec	omposition temperature:	Non-applicable *
Mel	ting point/freezing point:	Non-applicable *
Exp	losive properties:	Non-applicable *
Oxio	dising properties:	Non-applicable *
Fla	mmability:	
Flas	sh Point:	13 °C
Flar	nmability (solid, gas):	Non-applicable *
Auto	oignition temperature:	400 °C
Low	er flammability limit:	2 % Volume
Upp	er flammability limit:	>12 % Volume
Exp	olosive:	
Low	er explosive limit:	Non-applicable *
Upp	er explosive limit:	Non-applicable *
9.2 Oth	ner information:	
Sur	face tension at 20 °C:	Non-applicable *
Refi	raction index:	Non-applicable *
*Not	relevant due to the nature of the product, not providing inform	ation property of its hazards.

#### SECTION 10: STABILITY AND REACTIVITY

#### 10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

#### 10.2 Chemical stability:

Chemically stable under the conditions of storage, handling and use.

#### 10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

#### 10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

	/
Not applicable Not applicable Risk of combustion Avoid direct impact Not applica	icable

#### 10.5 Incompatible materials:

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct impact	Not applicable	Avoid alkalis or strong bases

### 10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO2), carbon monoxide and other organic compounds.

#### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects:

The experimental information related to the toxicological properties of the product itself is not available

#### Dangerous health implications:

#### Safety data sheet According to 1907/2006/EC (REACH), 2015/830/EU (THIS SDS IS JUST FOR INFORMATIVE PURPOSE. THE SDS SHALL BE SUPPLIED IN AN OFFICIAL LANGUAGE OF THE COUNTRY WHERE THE PRODUCT IS PLACED ON THE MARKET)

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

- A- Ingestion (acute effect):
  - Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.
  - Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- B- Inhalation (acute effect):
  - Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for inhalation. For more information see section 3.
  - Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for skin contact. For more information see section 3.

- Contact with the eyes: Produces eye damage after contact.
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
  - Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the effects mentioned. For more information see section 3.
    - IARC: propan-2-ol (3)
  - Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
  - Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- E- Sensitizing effects:
  - Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous with sensitising effects. For more information see section 3.
  - Cutaneous: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- F- Specific target organ toxicity (STOT) single exposure:
  - Exposure in high concentration can interfere with the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion, and in serious cases, loss of consciousness.
- G- Specific target organ toxicity (STOT)-repeated exposure:
  - Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
  - Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

# Other information:

Non-applicable

#### Specific toxicology information on the substances:

Identification	Acut	te toxicity	Genus
propan-2-ol	LD50 oral	5280 mg/kg	Rat
CAS: 67-63-0	LD50 dermal	12800 mg/kg	Rat
EC: 200-661-7	LC50 inhalation	72,6 mg/L (4 h)	Rat

#### SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available



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	Identification		Acute toxicity			Species		
propan-2-ol		LC50	LC50         9640 mg/L (96 h)           EC50         13299 mg/L (48 h)		Pimephales p	oromela	s Fish	
CAS: 67-63-0		EC50			Daphnia m	nagna	Crustacea	
EC: 200-661-7		EC50	1000 mg/L (72 h)		Scenedesmus s	ubspica	atus Algae	
Persistence ar	nd degradability:							
	Identification	De	gradability		Biode	bility		
propan-2-ol		BOD5	1.19 g O2/g	Conce	entration		100 mg/L	
CAS: 67-63-0		COD	2.23 g O2/g	Perioc	i		14 days	
EC: 200-661-7		BOD5/COD	0.53	% Bio	odegradable		86 %	
Bioaccumulati	•				2			
	Identification				Bioaccumulation		n potential	
propan-2-ol					BCF 3 Pow Log 0.05 Potential Low			
CAS: 67-63-0 EC: 200-661-7								
Mobility in soi	ŀ.			POL	enual	Low		
	Identification		orption/desorption			Volat	ility	
propan-2-ol		Кос	1.5		Henry		8,207E-1 Pa·m <sup>3</sup> /mo	
		Conclusion Surface tension	Very High 2,24E-2 N/m (25 °		Dry soil		Yes	
CAS: 67-63-0 EC: 200-661-7					Moist soil		Yes	

Not described

#### 13.1 Waste treatment methods:

Code	Description	Waste class (Regulation (EU) No 1357/2014)
15 02 02*	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by hazardous substances	Dangerous

#### Type of waste (Regulation (EU) No 1357/2014):

HP3 Flammable, HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity, HP4 Irritant — skin irritation and eye damage

#### Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. We do not recommended disposal down the drain. See paragraph 6.2.

#### **Regulations related to waste management:**

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

#### Transport of dangerous goods by land:

With regard to ADR 2019 and RID 2019:

\*\* Changes with regards to the previous version



# Safety data sheet

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# SZMATKA ODTŁUSZCZAJĄCA - DEGREASING CLOTH

SECTION 14: TRANSF	PORT	INFORMATION ** (continued	1)
		UN number:	UN3175
		UN proper shipping name:	SOLIDS or mixtures of solids (such as preparations and wastes)
	- 112	on proper simpping namer	CONTAINING FLAMMABLE LIQUID, N.O.S. having a flash-point up to
			60 °C
	14.3	Transport hazard class(es):	4.1
		Labels:	4.1
•		Packing group:	II
		Environmental hazards:	No
	14.6	Special precautions for user	
		Special regulations:	216, 274, 601
		Tunnel restriction code:	E
		Physico-Chemical properties:	see section 9
		Limited quantities:	1 kg
	14./	Transport in bulk according to Annex II of Marpol and	Non-applicable
		the IBC Code:	
Transport of da	ngero	us goods by sea:	
With regard to IN	1DG 39	-18:	
		UN number:	UN3175
		UN proper shipping name:	SOLIDS or mixtures of solids (such as preparations and wastes)
	14.2	on proper snipping name:	CONTAINING FLAMMABLE LIQUID, N.O.S. having a flash-point up to
			60 °C
	14.3	Transport hazard class(es):	4.1
	_	Labels:	4.1
	14.4	Packing group:	II
•		Environmental hazards:	No
	14.6	Special precautions for user	
		Special regulations:	216, 274
		EmS Codes:	F-A, S-I
		Physico-Chemical properties:	see section 9
		Limited quantities:	1 kg
		Segregation group:	Non-applicable
	14.7	Transport in bulk according	Non-applicable
		to Annex II of Marpol and	
Transport of da	naoro	the IBC Code:	
-	-	us goods by air:	
With regard to IA			
		UN number:	UN3175
	14.2	UN proper shipping name:	SOLIDS or mixtures of solids (such as preparations and wastes) CONTAINING FLAMMABLE LIQUID, N.O.S. having a flash-point up to 60 °C
	14.3	Transport hazard class(es):	4.1
		Labels:	4.1
	14.4	Packing group:	II
		Environmental hazards:	No
		Special precautions for user	
		Physico-Chemical properties:	see section 9
	14.7	Transport in bulk according	Non-applicable
		to Annex II of Marpol and	
		the IBC Code:	
** Changes with regards to t	1	· ·	

\*\* Changes with regards to the previous version



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#### SECTION 15: REGULATORY INFORMATION

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

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: propan-2-ol (Product-type 1, 2, 4)

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

#### Seveso III:

Section	Description	Lower-tier requirements	Upper-tier requirements
P5c	FLAMMABLE LIQUIDS	5000	50000

# Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....):

Shall not be used, as substance or as mixtures in aerosol dispensers where these aerosol dispensers are intended for supply to the general public for entertainment and decorative purposes such as the following:

- metallic glitter intended mainly for decoration,

- artificial snow and frost,
- "whoopee" cushions,
- silly string aerosols,
- imitation excrement,
- horns for parties,
- decorative flakes and foams,
- artificial cobwebs,
- stink bombs.

Without prejudice to the application of other Community provisions on the classification, packaging and labelling of substances, suppliers shall ensure before the placing on the market that the packaging of aerosol dispensers referred to above is marked visibly, legibly and indelibly with:

'For professional users only'.

#### Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

#### Other legislation:

The product could be affected by sectorial legislation

- Regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products
- Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents

- Commission Regulation (EC) No 907/2006 of 20 June 2006 amending Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents, in order to adapt Annexes III and VII

- Commission Regulation (EC) No 551/2009 of 25 June 2009 amending Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents, in order to adapt Annexes V and VI thereto (surfactant derogation)

#### 15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

### SECTION 16: OTHER INFORMATION \*\*

#### Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (Regulation (EC) No 2015/830)

#### Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

CLP Regulation (EC) No 1272/2008 (SECTION 2, SECTION 16):

- Hazard statements
- Precautionary statements
- TRANSPORT INFORMATION (SECTION 14):
- · UN number

\*\* Changes with regards to the previous version

- CONTINUED ON NEXT PAGE -

Revised: 13/05/2020 Version: 4 (Replaced 3)



# According to 1907/2006/EC (REACH), 2015/830/EU (THIS SDS IS JUST FOR INFORMATIVE PURPOSE. THE SDS SHALL BE SUPPLIED IN AN OFFICIAL LANGUAGE OF THE COUNTRY WHERE THE PRODUCT IS PLACED ON THE MARKET)

### SZMATKA ODTŁUSZCZAJĄCA - DEGREASING CLOTH

Texts of the legislative phrases mentioned in section 2:         H225: Highly flammable liquid and vapour         H319: Causes serious eye irritation         H335: May cause drowsiness or dizziness         Texts of the legislative phrases mentioned in section 3:         The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3         CLP Regulation (EC) No 1272/2008:         Eye Irrit. 2: H319 - Causes serious eye irritation         Flam. Liq. 2: H222 - Highly flammable liquid and vapour         STOT SE 3: H336 - May cause drowsiness or dizziness         Classification procedure:         Flam. Liq. 2: Acculation method (2.6.4.3)         Eye Irrit. 2: Calculation method Text to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.         Pricipal bibliographical sources:         http://echa.europa.eu         http://echa.europa.au         MDG: International maritime dangerous goods code         IATA: International Ari Transport Association         ICAO: International Mr Tansport Association         ICAO: International Correin gye demand <th>SECTION 16: OTHER INFORMATION ** (continued)</th>	SECTION 16: OTHER INFORMATION ** (continued)
<ul> <li>H225: Highly flammable liquid and vapour</li> <li>H319: Causes serious eye irritation</li> <li>H336: May cause drowsiness or dizziness</li> <li><b>Texts of the legislative phrases mentioned in section 3:</b></li> <li>The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3</li> <li><b>CLP Regulation (EC) No 1272/2008:</b></li> <li>Eye Irrit. 2: H319 - Causes serious eye irritation</li> <li>Filam. Liq. 2: H322 - Highly flammable liquid and vapour</li> <li>STOT SE 3: H336 - May cause drowsiness or dizziness</li> <li><b>Classification procedure:</b></li> <li>Flam. Liq. 2: H322 - Lighly flammable liquid and vapour</li> <li>STOT SE 3: Calculation method (2.6.4.3)</li> <li>Eye Irrit. 2: Calculation method</li> <li>STOT SE 3: Calculation method</li> <li>STOT SE 3: Calculation method</li> <li>STOT SE 3: Calculation method</li> <li>Minimal training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.</li> <li><b>Principal bibliographical sources:</b></li> <li>http://echa.europa.eu</li> <li><b>Abbreviations and acronyms:</b></li> <li>ADR: European agreement concerning the international carriage of dangerous goods by road IMDG: International maritime dangerous goods code</li> <li>IATA: International Amortime dangerous goods code</li> <li>IATA: International Civil Aviation Organisation</li> <li>COD: Chemical Oxygen Demand</li> <li>BODS: 5-day biochemical oxygen demand</li> <li>BCS: Lethal Dose 50</li> <li>LCS0: Lethal Concentration 50</li> <li>ECS0: Effective concentration 50</li> </ul>	Texts of the legislative phrases mentioned in section 2:
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<ul> <li>H336: May cause drows<sup>1</sup>ness or dizziness</li> <li>Texts of the legislative phrases mentioned in section 3:</li> <li>The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3</li> <li>CLP Regulation (EC) No 1272/2008:</li> <li>Eye Irrit. 2: H319 - Causes serious eye irritation</li> <li>Filam. Liq. 2: H225 - Highly flammable liquid and vapour</li> <li>STOT SE 3: H336 - May cause drowsiness or dizziness</li> <li>Classification procedure:</li> <li>Filam. Liq. 2: Calculation method (2.6.4.3)</li> <li>Eye Irrit. 2: Calculation method</li> <li>STOT SE 3: Calculation for the prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.</li> <li>Principal bibliographical sources:</li> <li>http://eur-lex.europa.eu</li> <li>http://eur-lex.europa.eu</li> <li>MDG: International Acronyms:</li> <li>ADE: European agreement concerning the international carriage of dangerous goods by road</li> <li>IMDG: International Civil Aviation Organisation</li> <li>COD: Chemical Oxygen Demand</li> <li>BODS: S-day biochemical oxygen demand</li> <li>BODS: S-day biochemical oxygen demand</li> <li>BODS: Lethal Concentration 50</li> <li>LCS0: Lethal Concentration 50</li> <li>ECS0: Centration 50</li> </ul>	
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<ul> <li>Eye Irrit. 2: H319 - Causes serious eye irritation</li> <li>Flam. Liq. 2: H325 - Highly flammable liquid and vapour</li> <li>STOT SE 3: H336 - May cause drowsiness or dizziness</li> <li><b>Classification procedure:</b></li> <li>Flam. Liq. 2: Calculation method (2.6.4.3)</li> <li>Eye Irrit. 2: Calculation method</li> <li>STOT SE 3: Calculation method</li> <li>Advice related to training:</li> <li>Minimal training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.</li> <li><b>Principal bibliographical sources:</b></li> <li>http://echa.europa.eu</li> <li>http://echa.europa.eu</li> <li>http://eur-lex.europa.eu</li> <li>MDG: International maritime dangerous goods code</li> <li>IATA: International Air Transport Association</li> <li>ICAO: International Civil Aviation Organisation</li> <li>COD: Chemical oxygen demand</li> <li>BODS: 5-day biochemical oxygen demand</li> <li>BCF: Bioconcentration factor</li> <li>LD50: Lethal Dose 50</li> <li>LC50: Ethal Concentration 50</li> </ul>	
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LUY-FUW, ULIANUFWALEI DAILILUN LUENILIEN	
Koc: Partition coefficient of organic carbon	

\*\* Changes with regards to the previous version

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

Version: 4 (Replaced 3)

Revised: 13/05/2020