

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

## Section 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**09164 EMBLEM REMOVER KIT**

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

Relevant identified uses: product for removing emblems.

Uses advised against: not determined.

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

Supplier: **Nowy Samochód S.A.**

Address: ul. Zbyszka Cybulskiego 3, 00-725 Warsaw

Telephone/Fax: +48 602-444-356

E-mail: info@soft99.pl

E-mail address for a competent person responsible for sds: biuro@theta-doradztwo.pl

### 1.4 Emergency telephone number

112

## Section 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Flam Liq. 3 H226, Acute Tox. 4 H302, Asp.Tox. 1 H304, Skin Irrit. 2 H315, Eye Irrit. 2 H319, STOT SE 3 H335, Aquatic Chronic 3 H412**

Flammable liquid and vapour. Harmful if swallowed. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. Harmful to aquatic life with long lasting effects.

### 2.2 Label elements

Names of substances mentioned on label



**DANGER**

Names of substances mentioned on label

Contains: kerosine (petroleum); solvent naphtha (petroleum), light arom.; trimethylbenzene; 1,2,4-trimethylbenzene; 1,3,5-trimethylbenzene; cumene.

Hazard statements

H226 Flammable liquid and vapour.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.  
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P271 Use only outdoors or in a well-ventilated area.  
P273 Avoid release to the environment.



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

P302+P352 IF ON SKIN: Wash with plenty of water with soap.

P501 Dispose of contents/container to properly labeled waste containers in accordance with national regulations.

## 2.3 Other hazards

Substances contained in the product do not meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

## Section 3: Composition/information on ingredients

### 3.1 Substances

Not applicable.

### 3.2 Mixtures

#### kerosine (petroleum)

Concentration range: 55-65 %  
CAS number: 8008-20-6  
EC number: 232-366-4  
Index number: 649-404-00-4  
Registration number: -  
Classification: Asp. Tox. 1 H304

#### solvent naphtha (petroleum), light arom.

Concentration range: 35-45 %  
CAS number: 64742-95-6  
EC number: 265-199-0  
Index number: 649-356-00-4  
Registration number: -  
Classification: Asp. Tox. 1 H304\*

\* the classification, taking into account the note P; contains less than 0.1% by weight of benzene

#### trimethylbenzene

Concentration range: 20-30 %  
CAS number: 25551-13-7  
EC number: 247-099-9  
Index number: -  
Registration number: -  
Classification: Flam. Liq. 3 H226, Acute Tox. 4 H302, Acute Tox. 4 H312, Skin Irrit. 2 H315, Eye Irrit. 2 H319

#### 1,2,4-trimethylbenzene

Concentration range: < 15 %  
CAS number: 95-63-6  
EC number: 202-436-9  
Index number: 601-043-00-3  
Registration number: -  
Classification: Flam. Liq. 3 H226, Skin Irrit. 2 H315, Eye Irrit. 2 H319, Acute Tox. 4 H332, STOT SE 3 H335, Aquatic Chronic 2 H411

Substance with occupational exposure limit value established on the Community level.

## 1,3,5-trimethylbenzene

Concentration range: < 4 %  
CAS number: 108-67-8  
EC number: 203-604-4  
Index number: 601-025-00-5  
Registration number: -  
Classification: Flam. Liq. 3 H226, STOT SE 3 H335, Aquatic Chronic 2 H411  
Substance with occupational exposure limit value established on the Community level.

## cumene

Concentration range: 1,1 %  
CAS number: 98-82-8  
EC number: 202-704-5  
Index number: 601-024-00-X  
Registration number: -  
Classification: Flam Liq.3 H226, Asp. Tox. 1 H304, STOT SE 3 H335, Aquatic Chronic 2 H411  
Substance with occupational exposure limit value established on the Community level.

## xylene

Concentration range: 1 %  
CAS number: 1330-20-7  
EC number: 215-535-7  
Index number: 601-022-00-9  
Registration number: -  
Classification: Flam. Liq. 3 H226, Acute Tox. 4 H312, Skin Irrit. 2 H315, Acute Tox. 4 H332  
Substance with occupational exposure limit value established on the Community level.

## ethylbenzene

Concentration range: < 1%  
CAS number: 100-41-4  
EC number: 202-849-4  
Index number: 601-023-00-4  
Registration number: -  
Classification: Flam. Liq. 2 H225, Asp. Tox. 1 H304, Acute Tox. 4 H332, STOT RE 2 H373  
Substance with occupational exposure limit value established on the Community level.

## toluene

Concentration range: < 1%  
CAS number: 108-88-3  
EC number: 203-625-9  
Index number: 601-021-00-3  
Registration number: -  
Classification: Flam. Liq. 2 H225, Asp. Tox. 1 H304, Skin Irrit. 2 H315, STOT SE 3 H336, Repr. 2 H361d, STOT RE 2 H373  
Substance with occupational exposure limit value established on the Community level.

## naphthalene

Concentration range:	< 0,4 %
CAS number:	91-20-3
EC number:	202-049-5
Index number:	601-052-00-2
Registration number:	-
Classification:	Acute Tox. 4 H302, Carc. 2 H351, Aquatic Acute 1 H400, Aquatic Chronic 1 H410

Substance with occupational exposure limit value established on the Community level.

Full text of each relevant H phrase is given in section 16 of SDS.

### Section 4: First aid measures

#### 4.1 Description of first aid measures

Skin contact: take off contaminated clothes. Immediately wash contaminated skin thoroughly with water and soap. Consult a doctor if disturbing symptoms occur.

Eye contact: contact an ophthalmologist if disturbing symptoms occur. Protect non-irritated eye, remove contact lenses. Rinse contaminated eyes with water for at least 10-15 minutes. Avoid strong stream of water – risk of damage of the cornea.

Ingestion: do not induce vomiting. Consult a doctor immediately, show safety data sheet or label. In case of spontaneous vomiting do not allow vomit to enter airways. Never give anything by mouth to an unconscious person.

Inhalation: remove the victim to fresh air. Keep warm and calm. Consult a doctor, if disturbing symptoms occur.

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

Skin contact: redness, dryness, irritation.

Eye contact: possible tearing, redness, irritation.

Ingestion: abdominal pains, nausea, vomiting, risk of aspiration to lungs and chemical pneumonia.

Inhalation: high concentration of vapours may lead to headaches, dizziness and drowsiness. May cause respiratory tract irritation.

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

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Treat symptomatically.

### Section 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media: extinguishing powder, alcohol resistant foam, carbon dioxide, sand - adjust extinguishing media to the materials stored in the product vicinity.

Unsuitable extinguishing media: water jet – risk of propagation of flame.

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

During combustion harmful gases consisting of carbon oxides, nitrogen oxides or other unidentified products of thermal decomposition may be produced. Do not inhale combustion products, it may cause health risk. There is an increase in pressure inside the containers exposed to the fire, which can result in an explosion.

#### 5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. Cool endangered containers at a safe distance with a water spray. Do not allow fire-fighting water to enter the sewage system and water estuaries.

## Section 6: Accidental release measures

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

Limit the access for the outsiders into the breakdown area, until the suitable cleaning operations are completed. Ensure that removing the problem and its results is conducted by a trained personnel only. In case of large spills, isolate the exposed area. Avoid eyes and skin contamination. Ensure adequate ventilation. Do not inhale vapours. Wear adequate personal protective equipment. Do not step on the spilled product – risk of slipping. Prohibit smoking, using naked flames. Remove sources of ignition.

### 6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

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

Collect leakage using non-flammable liquid binding materials (eg. sand, earth, universal binding substances, silica etc.) and place it in correctly labelled containers. Treat collected material as waste. Clean the contaminated area with a large amount of water and a mild detergent, ventilate it thoroughly. Use non-sparking tools.

### 6.4 Reference to other sections

Appropriate conduct with waste product – section 13. Personal protection equipment – section 8.

## Section 7: Handling and storage

### 7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when using the product. Wear adequate protective clothing. Avoid eyes and skin contamination. Do not inhale vapours. Ensure adequate ventilation. Wash hands before breaks and after work. Unused containers keep tightly closed. Protect from moisture and high temperature. Keep away from fire sources. Do not smoke.

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

Store only in original, tight containers in a dry, cool and well ventilated place. Keep away from food, foodstuffs, animal feed and incompatible materials (see section 10.5). Opened container should be resealed and stored upright to prevent leaking. Store away from sources of ignition and direct sunlight.

### 7.3 Specific end use(s)

No information about uses other than mentioned in subsection 1.2.

## Section 8: Exposure controls/personal protection

### 8.1 Control parameters

Specification	Limit values	
	8 hours	short term
xylene [CAS 1330-20-7]	221 mg/m <sup>3</sup>	442 mg/m <sup>3</sup>
cumene [CAS 98-82-8]	100 mg/m <sup>3</sup>	250 mg/m <sup>3</sup>
toluene [CAS 108-88-3]	192 mg/m <sup>3</sup>	384 mg/m <sup>3</sup>
1,2,4-trimethylbenzene [CAS 95-63-6]	100 mg/m <sup>3</sup>	-
1,3,5-trimethylbenzene [CAS 108-67-8]	20 mg/m <sup>3</sup>	-
ethylbenzene [CAS 100-41-4]	442 mg/m <sup>3</sup>	884 mg/m <sup>3</sup>
naphthalene [CAS 91-20-3]	50 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>

Legal Basis: Commission Directive 2006/15/EC, 2000/39/EC, 2009/161/EC, 2017/164/EU

Please check any national occupational exposure limit values in your country.

## Recommended control procedures

Procedures Concerning the control over the dangerous components concentrations in the air and control over the air quality in the workplace - if they are available and Justified for the position - in Accordance with the European Standards, with the conditions within the exposure place and a proper test methodology adapted to the working conditions.

## **8.2 Exposure controls**

Observe good occupational hygiene and safety practices. Do not eat, drink or smoke when using the product. Avoid eyes and skin contamination. Avoid inhalation of vapours and aerosols. Ensure adequate general and/or local ventilation to ensure the maintenance of concentrations of hazardous components in the air below the exposure limit values. If there is a risk of inflammation of the clothing on worker, emergency showers and eyewash stations should be installed near the workplace.

### Hand and body protection

Use adequate protective gloves. According to the demand wear gloves resistant to solvents. Select the material for the gloves individually at the workplace. In case of short term contact use protective gloves with effectiveness level 2 or higher (permeation time > 30 minutes). In case of long term contact use protective gloves with effectiveness level 6 (permeation time > 480 minutes). Wear protective clothing.

When using protective gloves during work with chemical products, it should be noted that the efficacy levels and corresponding breakthrough times do not indicate actual times of protection at a particular workplace, because the protection can be affected by many factors, e.g. temperature, other substances etc. If there are any signs of degradation, damage or change in appearance (colour, flexibility, shape), it is recommended to replace the gloves with a new pair. Please follow the manufacturer's instructions, not only in terms of gloves' usage, but also in terms of their cleaning, maintenance and storage. It is also important to know how to take off the gloves in order to avoid hands contamination.

### Eye protection

Use tightly fitting protective glasses if there is a risk of eye contamination.

### Respiratory protection

If the vapours and aerosols are created, use equipment or suitable protection class filter (class 1/protection against gases or vapours with a concentration in the air volume not exceeding 0.1%, class 2 / protection against gases or vapours with a concentration in the air not exceeding 0.5%, class 3 / protect against gases or vapours at concentrations in the air volume to 1%). In cases where the oxygen concentration is  $\leq 19\%$  and / or maximum concentration of toxic substances in the air is  $\geq 1.0\%$  by volume breathing apparatus should be used.

Personal protective equipment must meet requirements of Regulation 2016/425/EU. Employer is obliged to ensure equipment adequate to activities carried out, with quality demands, cleaning and maintenance.

### Environmental exposure controls

Avoid release to the environment, do not enter the sewage system. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

## **Section 9: Physical and chemical properties**

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

physical state/appearance:	liquid
colour:	colourless
odour:	odourless
odour threshold:	not determined
pH:	not determined
melting point/freezing point:	not determined
initial boiling point and boiling range:	145-310°C
flash point:	40 °C
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	7,0%/0,5% vol.
vapour pressure:	< 0,1 kMPa



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vapour density:	not determined
density:	0,815 (25 °C)
solubility(ies):	insoluble in water
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	not determined
decomposition temperature:	not determined
explosive properties:	not display
oxidising properties:	not display
dynamic viscosity:	not determined

## 9.2 Other information

ignition temperature:	240 °C
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## Section 10: Stability and reactivity

### 10.1 Reactivity

Product is reactive. Vapours of the product may form explosive mixtures with air. It does not undergo hazardous polymerization. See also subsections 10.3 and 10.5

### 10.2 Chemical stability

The product is stable under normal conditions of handling and storage.

### 10.3 Possibility of hazardous reactions

Reacts with strong oxidizing agents, which may lead to inflammation or explosion.

### 10.4 Conditions to avoid

Avoid direct sunlight, sources of heat and fire.

### 10.5 Incompatible materials

Strong oxidizers.

### 10.6 Hazardous decomposition products

There are no hazardous decomposition products when product is stored and used as recommended.

## Section 11: Toxicological information

### 11.1 Information on toxicological effects

Information regarding acute and/or delayed results of the exposure was defined on the basis of the information on product's classification and/or toxicological studies as well as the experience and knowledge of the manufacturer.

#### Toxicity of components

kerosine (petroleum) [CAS 8008-20-6]

LD<sub>50</sub> (oral, rat) >5000 mg/kg

solvent naphtha (petroleum), light arom. [CAS 64742-95-6]

LD<sub>50</sub> (oral, rat) >5000 mg/kg

Trimethylbenzene [CAS 25551-13-7]

LD<sub>50</sub> (oral, rat) 8970 mg/kg

1,2,4-trimethylbenzene [CAS 95-63-6]

LD<sub>50</sub> (oral, rat) 8970 mg/kg

cumene [CAS 98-82-8]

LD<sub>50</sub> (oral, rat) 2910 mg/kg

xylene [CAS 1330-20-7]

LD<sub>50</sub> (oral, rat) 3500 mg/kg

LD<sub>50</sub> (skin, rabbit) >4350 mg/kg

LD<sub>50</sub> (inhalation, 4h, rat) 29,08 mg/l

ethylbenzene [CAS 100-41-4]

LD<sub>50</sub> (oral, rat) 3500 mg/kg

LD<sub>50</sub> (skin, rabbit) 15400 mg/kg

LC<sub>50</sub> (inhalation, rat) 17,2 mg/l

toluene [CAS 108-88-3]

LD<sub>50</sub> (oral, rat) 5000 mg/kg

LD<sub>50</sub> (skin, rat) 12000 mg/kg

LC<sub>50</sub> (inhalation, rat) 7460 ppm/4h

naphthalene [CAS 91-20-3]

LD<sub>50</sub> (oral, rat) >2000 mg/kg

LD<sub>50</sub> (skin, rat) >2000 mg/kg

**Toxicity of mixture**

Acute Toxicity

ATE<sub>mix</sub> value was calculated using relevant converted acute toxicity point estimate included in 3.1.2 table from Regulation 1272/2008/EC and test results.

ATE<sub>mix</sub> (oral) 1639 mg/kg

ATE<sub>mix</sub> (skin) >2000 mg/kg

ATE<sub>mix</sub> (inhalation) >20 mg/l

Harmful if swallowed.

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitization

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.

Reproductive toxicity

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

STOT-single exposure

May cause respiratory irritation.

STOT-repeated exposure

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

Aspiration hazard

May be fatal if swallowed and enters airways.

## Section 12: Ecological information

### 12.1 Toksyczność

**Toxicity of components**

trimethylbenzene [CAS 25551-13-7]

Toxicity to crustaceans LC<sub>50</sub>/96h 5400 µg/l (*Glass shrimp*)



1,2,4- trimethylbenzene [CAS 95-63-6]

Toxicity to Daphnia LC<sub>50</sub>/48h 6,14 mg/l (*Daphnia magna*)

1,3,5- trimethylbenzene [CAS 108-67-8]

Toxicity to Daphnia LC<sub>50</sub>/48h 6000 µg/l (*Daphnia magna*)

cumene [CAS 98-82-8]

Toxicity to crustaceans LC<sub>50</sub>/ 1,2 mg/l (*Mid shrimp*)

xylene [CAS 1330-20-7]

Toxicity to fish LC<sub>50</sub>/96h 3,3 mg (*Oncorhynchus mykiss*)

ethylbenzene [CAS 100-41-4]

Toxicity to crustaceans LC<sub>50</sub>/96h 0,4 mg/l (*Brown shrimp*)

toluene [CAS 108-88-3]

Toxicity to crustaceans LC<sub>50</sub>/48h 3,78 mg/l

### **Toxicity of mixture**

Harmful to aquatic life with long lasting effects.

### **12.2 Persistence and degradability**

No data for the mixture.

#### **Biodegradability of components**

xylene [CAS 1330-20-7]

biodegradable in 70 % within 10 days

ethylbenzene [CAS 100-41-4]

biodegradable in 70-80 % within 28 days

### **12.3 Bioaccumulative potential**

xylene [CAS 1330-20-7]

log Po/w 3,15

ethylbenzene [CAS 100-41-4]

log Po/w 3,6

### **12.4 Mobility in soil**

The product is insoluble and lighter than water. It accumulates on the surface of the water, creating a layer that hinders the exchange of oxygen. Mobility of components of the mixture depends on the hydrophilic and hydrophobic properties and biotic and abiotic conditions of soil, including its structure, climatic conditions, seasons and soil organisms.

### **12.5 Results of PBT and vPvB assessment**

Not applicable.

### **12.6 Other adverse effects**

Product is not classified as hazardous to the ozone layer. Consider other harmful effects of individual components of the mixture on the environment (eg, endocrine disrupting potential, global warming potential).

## **Section 13: Disposal considerations**

### **13.1 Waste treatment methods**

Disposal methods for the mixture: disposal in accordance with the local legislation. Store product residues in original containers. Do not let product to enter sewage system. Waste code should be assigned in place of formation.

Disposal methods for used packing: reuse/recycle/liquidate empty containers in accordance with the local legislation. Only completely empty packing can be recycled.

Legal basis: Directive 2008/98/EC as amended, 94/62/EC as amended.

## Section 14: Transport information

### 14.1 UN Number

UN 1993

### 14.2 UN proper shipping name

FLAMMABLE LIQUID, N.O.S. (TRIMETHYLBENZENE).

### 14.3 Transport hazard class(es)

3

### 14.4 Packing group

III

### 14.5 Environmental hazards

Product is not classified as dangerous for the environment according to transport regulations.

### 14.6 Special precautions for user

Use personal protective equipment in accordance with section 8 of SDS.

### 14.7 Transport in bulk according to Annex II of MARPOL 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, Authorization and Restriction of Chemicals (REACH), establishing a 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.

**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 (Text with EEA relevance).

**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 as amended.

**European Parliament and Council Directive 94/62/EC** of 20 December 1994 on packaging and packaging waste as amended.

**Regulation (EU) 2016/425** of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC

**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.

**Commission Directive 2006/15/EC** of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.

**Commission Directive 2009/161/EU** of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.

**Commission Directive 2017/164/EU** of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU.

### 15.2 Chemical safety assessment

It is not necessary to carry out a chemical safety assessment for the mixture.

## Section 16: Other information

### Full text of indicated H phrases mentioned in section 3

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.
H361d	Suspected of damaging the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

### Abbreviations and acronyms

LD <sub>50</sub>	Median lethal dose.
EC <sub>50</sub> :	Half maximal effective concentration.
Asp. Tox. 1	Aspiration hazard category 1
Acute Tox. 4	Acute toxicity category 4
Aquatic Chronic 1,2	Hazardous to the aquatic environment category 1,2
Aquatic Aute 1	Hazardous to the aquatic environment category 1
Carc. 2	Carcinogenicity category 2
Eye Irrit. 2	Eye irritation category 2
Flam. Liq. 2, 3	Flammable liquid category 2,3
Skin Irrit. 2	Skin irritation category 2
STOT RE 2	Specific target organ toxicity — repeated exposure category 2
STOT SE 3	Specific target organ toxicity — single exposure category 3
Repr. 2	Reproductive toxicity category 2
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance

### Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training. Persons related to the transportation of the dangerous goods in compliance with the ADR Agreement should be properly trained within the scope of performed tasks (general training, on-the-job training and training related to the safety issues).

### Key literature references and sources of data

This SDS was prepared on the basis of sheets of producer's data, literature data, online databases (eg. ECHA, TOXNET, COSING) as well as our knowledge and experience, taking into account current legislation.

### Procedures used to classify the mixture in accordance with Reg. EC 1272/2008

Classification was based on data on hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP) as amended.

### Additional information

Date of update:	24.06.2019
Version:	2.0/EN
Composed by:	mgr Alicja Włodarska (on the basis of producer's data)



# SAFETY DATA SHEET

Safety Data Sheet made by: „**THETA**“ Technical Consulting

**This SDS replaces and cancels all its previous versions.**

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.