Safety Data Sheet

[Prepared in accordance with Regulation EC 1907/2006 (REACH), as amended]

Date of issue: 18.09.2023
Date of update: —
Version: 1.0/EN

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

1.1. Product identifier

Trade name: **02098 DiGloss Kamitore Wheel and Tire Cleaner**

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

Relevant identified uses: cleaning agent; protection and gloss-enhancement of automobile tire.

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 Warszawa, PL

Telephone/fax: +48 602-444-356

E-mail address for a competent person responsible for SDS: info@soft99.pl

1.4. Emergency telephone number

112 (general emergency telephone number)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Skin Irrit. 2 H315, **Eye Dam. 1** H318

Causes skin irritation. Causes serious eye damage.

2.2. Label elements

Hazard pictograms and signal words

Danger

Hazardous components placed on the label

Contains: alcohols, C10-16, ethoxylated, sulfates, sodium salt; D-glucopyranose, oligomeric, C10-16-alkyl glycosides.

Hazard statements

H315	Causes skin irritation.
H318	Causes serious eye damage.

Precautionary statements

P102	Keep out of reach of children.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor.
P501	Dispose of contents/container to properly labelled waste containers according to national law.

Additional information

EUH208	Contains d-limonene; 1,2-benzisothiazol-3(2H)-one; 7-methyl-3-methyleneocta-1,6-diene. May produce an allergic reaction.

2.3. Other hazards

Product does not contain components, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

The product does not contain substances included in the list established in accordance with Article 59(1) for having endocrine disrupting properties, or substances identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 % by weight.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable.

3.2. Mixtures

CAS number: 56-81-5 EC number: 200-289-5 Index number: — Registration number: —	**glycerol** The substance is not classified as hazardous.	10 % ≤ C ≤ 20 %
CAS number: 5131-66-8 EC number: 225-878-4 Index number: 603-052-00-8 Registration number: —	**3-butoxypropan-2-ol** Skin Irrit. 2 H315, Eye Irrit. 2 H319	C ≤ 10 %
CAS number: 143-18-0 EC number: 205-590-5 Index number: — Registration number: —	**potassium oleate** Eye Irrit. 2 H319	C < 5 %
CAS number: 68585-34-2 EC number: 500-223-8 Index number: — Registration number: —	**alcohols, C10-16, ethoxylated, sulfates, sodium salt** Skin Irrit. 2 H315, Eye Dam. 1 H318, Aquatic Chronic 3 H412	C < 4 %
CAS number: 110615-47-9 EC number: 600-975-8 Index number: — Registration number: —	**D-glucopyranose, oligomeric, C10-16-alkyl glycosides** Skin Irrit. 2 H315, Eye Dam. 1 H318	C < 4 %
CAS number: 9004-82-4 EC number: — Index number: — Registration number: —	**2-dodecoxyethyl hydrogen sulfate** Acute Tox. 4 H302, Eye Irrit. 2 H319	C ≤ 1 %
CAS number: 151-21-3 EC number: 205-788-1 Index number: — Registration number: —	**sodium dodecyl sulphate** Acute Tox. 4 H302, Skin Irrit. 2 H315, Eye Dam. 1 H318, Aquatic Chronic 3 H412	C ≤ 1 %
CAS number: 64-17-5 EC number: 200-578-6 Index number: 603-002-00-5 Registration number: —	**ethanol** Flam. Liq. 2 H225	C ≤ 1 %
CAS number: 5989-27-5 EC number: 227-813-5 Index number: 601-096-00-2 Registration number: —	**d-limonene** Flam. Liq. 3 H226, Asp. Tox. 1 H304, Skin Irrit. 2 H315, Skin Sens. 1B H317, Aquatic Acute 1 H400 (M=1), Aquatic Chronic 3 H412	C < 1 %

CAS number: 1310-73-2 EC number: 215-185-5 Index number: 011-002-00-6 Registration number: —	**sodium hydroxide** Skin Corr. 1A H314 Specific concentration limits: Skin Corr. 1A H314: C ≥ 5% Skin Corr. 1B H314: 2% ≤ C < 5% Skin Irrit. 2 H315: 0,5% ≤ C < 2% Eye Irrit. 2 H319: 0,5% ≤ C < 2%	C < 1 %
CAS number: 123-35-3 EC number: 204-622-5 Index number: — Registration number: 01-2119514321-56-XXXX	**7-methyl-3-methyleneocta-1,6-diene** Flam. Liq. 3 H226, Asp. Tox. 1 H304, Skin Irrit. 2 H315, Skin Sens. 1B H317, Eye Irrit. 2 H319, Aquatic Acute 1 H400 (M=1), Aquatic Chronic 2 H411	C ≤ 0,1 %
CAS number: 2634-33-5 EC number: 220-120-9 Index number: 613-088-00-6 Registration number: —	**1,2-benzisothiazol-3(2H)-one** Acute Tox. 4 H302, Skin Irrit. 2 H315, Skin Sens. 1 H317, Eye Dam. 1 H318, Aquatic Acute 1 H400 (M=1) Specific concentration limits: Skin Sens. 1 H317: C ≥ 0,05%	C < 0,05 %

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

Components according to Regulation on detergents 648/2004/EC as amended:

anionic surfactants	< 5%
EDTA and salts thereof	< 5%
soap	< 5%
non-ionic surfactants	< 5%
perfumes (LINALOOL, LIMONENE)	
preservation agents (BENZISOTHIAZOLINONE)	

SECTION 4: First aid measures

4.1. Description of first aid measures

Contact with skin

Take off contaminated clothing. Wash the exposed parts of the skin thoroughly with water. Consult a doctor if disturbing symptoms appear.

Contact with eyes

Protect non-irritated eye, remove contact lenses. Rinse contaminated eyes thoroughly with water for 10 - 15 minutes. Avoid powerful water stream – risk of cornea damage. Apply a sterile dressing. Immediately consult a ophthalmologist.

Ingestion

Do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a doctor, show the packaging or label.

After inhalation

Remove the victim to fresh air, keep warm and at rest. Consult a doctor if disturbing symptoms appear.

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

Contact with skin

The product may cause redness, burning sensation, irritation, allergic reaction.

Contact with eyes

The product may cause burning sensation, irritation, tearing, pain, risk of serious damage to eyes.

Ingestion

May cause vomiting, abdominal pains, diarrhea, gastrointestinal irritation.

After inhalation

High concentration of vapours and mists may cause headaches, somnolence, cough, respiratory irritation.

Effects of exposure

There are no known effects other than those mentioned above.

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. Symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: adapt the extinguishing media to surrounding materials.
Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

5.2. Special hazards arising from the substance or mixture

During the fire may produce harmful gases containing e.g. carbon monoxides, other hazardous unidentified products of thermal decomposition. Do not inhale combustion products, they can be dangerous for human health.

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 down the containers that are endangered by fire with a water spray from a safe distance. Collect used extinguishing media.

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 only the trained personnel removes the effects of the accident. In case of large spills, isolate the exposed area. Avoid eyes and skin contamination. Use personal protective equipment.

6.2. Environmental precautions

Do not allow the product to get into the sewage system, surface waters and soil. 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

Small leakage: collect the spilled product with incombustible absorbing materials (e.g. sand, earth, universal binding agents, silica etc.) and place it in waste containers. Treat the collected material as waste. Clean and ventilate the contaminated area.
Large leakage: isolate places where liquid accumulates; pump the collected liquid out.

6.4. Reference to other sections

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Provide general and / or local ventilation in the workplace. Before break and after work wash hands carefully. Keep the unused containers tightly closed. Do not eat, drink and smoke during the work. Avoid eyes and skin contamination. Use personal protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Store in properly labeled, sealed packages in a dry, cool and well-ventilated place. Container that is opened should be properly resealed and kept upright to prevent leakage. Keep away from incompatible materials (see subsection 10.5). Keep away from, foodstuffs and animal feed .

7.3. Specific end use(s)

No information about other uses than those mentioned in subsection 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure Limit Values

The product does not contain components subject to exposure controls in the workplace.
Legal Basis: Commission Directive 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, 2019/1831/EU.

Recommended control procedures

Not applicable.

DNEL and PNEC

Not applicable.

8.2. Exposure controls

Industrial hygiene

Use the product in accordance with good occupational hygiene and safety practices. Do not eat, drink and smoke during the work. Before break and after work wash hands carefully. Ensure adequate general and/or local ventilation at the workplace. Eye safety washers should be installed near the working place.

Individual protection measures

The necessity to use and the selection of appropriate personal protective equipment should take into account the type of risk posed by the product, working conditions and the way of handling the product. The personal protective equipment used must meet the requirements of Regulation (EU) 2016/425 and the relevant standards. The employer is obliged to provide protection measures appropriate to the activities performed and meeting all quality requirements, including their maintenance and cleaning. Any contaminated or damaged PPE must be replaced immediately.

Hand protection

Use protective gloves resistant to chemicals according to EN 374. In case of a short exposure, use protective gloves with 2nd or higher level of effectiveness (breakthrough time > 30 min). In case of a long exposure, use protective gloves with 6th level of effectiveness (breakthrough time > 480 min). Recommended material for gloves: PVC. Select the material for the gloves individually at the workplace.
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.

Body protection

Use skin protection measures adequate to the existing thermal, chemical or mechanical hazards.

Eye protection

Use safety glasses in accordance with EN 166.

Respiratory protection

In case of the formation of vapours and aerosols, use absorbing equipment or absorbing and filtering equipment with a suitable protection class (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 ≤ 19% and / or maximum concentration of toxic substances in the air is ≥ 1.0% by volume, isolating equipment should be used.

Thermal hazards

Not applicable.

Environmental exposure controls

Prevent direct release to drains/ surface waters. Do not contaminate surface waters and drainage ditches with chemicals or used containers. Released product or uncontrolled spills to surface waters should be reported to appropriate authorities in accordance with local and national legislations. Dispose as chemical waste, in accordance with local and national legislation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	light yellow
Odour:	characteristic
Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	100 °C
Flammability:	the product is not classified in terms of flammability
Lower and upper explosion limit:	not determined
Flash point:	not determined
Auto-ignition temperature:	not determined
Decomposition temperature:	not determined
pH:	12,7±0,5 (25 °C)
Kinematic viscosity:	not determined
Solubility:	soluble in water
Partition coefficient n-octanol/water (log value):	not applicable
Vapour pressure:	not determined
Density and/or relative density:	1,05±0,02 (25 °C)
Relative vapour density:	not determined
Particle characteristics:	not applicable

9.2. Other information

No additional tests.

SECTION 10: Stability and reactivity

10.1. Reactivity

Product is reactive. It does not go under hazardous polimeryzation. See also subsection 10.3-10.5.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

The product reacts exothermically with acids.

10.4. Conditions to avoid

Avoid sources of heat and direct sunlight.

10.5. Incompatible materials

Avoid contact with following materials: strong acids.

10.6. Hazardous decomposition products

Not known.

SECTION 11: Toxicological information

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

Acute toxicity

glycerol [CAS 56-81-5]	
LC_{50} (inhalation, rat)	> 5850 mg/m³/4h
LD_{50} (oral, rat)	27200 mg/kg

3-butoxypropan-2-ol [CAS 5131-66-8]	
LD_{50} (oral, rat)	3300 mg/kg

D-glucopyranose, oligomeric, C10-16-alkyl glycosides [CAS 110615-47-9]	
LD_{50} (oral, rat)	> 5000 mg/kg
LD_{50} (skin, rabbit)	> 2000 mg/kg

sodium dodecyl sulphate [CAS 151-21-3]	
LD_{50} (oral, rat)	977 mg/kg

ethanol [CAS 64-17-5]	
LD_{50} (oral, rat)	10470 mg/kg
LD_{50} (skin, rabbit)	17100 mg/kg

d-limonene [CAS 5989-27-5]	
LD_{50} (oral, rat)	> 2000 mg/kg
LD_{50} (skin, rabbit)	> 5000 mg/kg

sodium hydroxide [CAS 1310-73-2]	
LD_{50} (oral, rabbit)	325 mg/kg

7-methyl-3-methyleneocta-1,6-diene [CAS 123-35-3]	
LD_{50} (oral, rat)	> 11390 mg/kg
LD_{50} (skin, rabbit)	> 5000 mg/kg

1,2-benzisothiazol-3(2H)-one [CAS 2634-33-5]	
LD_{50} (oral, rat)	490 mg/kg
LD_{50} (skin, rat)	> 2000 mg/kg

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

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye damage.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met. The product may cause allergic skin reactions in particularly sensitive people.

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

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

STOT-repeated exposure

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

Aspiration hazard

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

Information on likely routes of exposure

Exposure route: eye exposure, skin exposure, inhalation, ingestion. For more information on the impact of each possible route of exposure, see subsection 4.2.

Symptoms related to the physical, chemical and toxicological characteristics

See subsection 4.2 of the SDS.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

See subsection 4.2 of the SDS.

11.2. Information on other hazards

Endocrine disrupting properties

The product does not contain substances included in the list established in accordance with Article 59(1) for having endocrine disrupting properties, or substances identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 % by weight.

Other information

No data on other hazards.

SECTION 12: Ecological information

12.1. Toxicity

glycerol [CAS 56-81-5]		
LC_{50} (fish)	54000 mg/l / 96 h / *Oncorhynchus mykiss*	method: —

3-butoxypropan-2-ol [CAS 5131-66-8]		
LC_{50} (fish)	560 mg/l / 96 h / *Poecilia reticulata*	method: OECD 203
EC_{50} (invertebrates)	1436 mg/l / 48 h / *Daphnia magna*	method: OECD 202
NOEC (algae)	560 mg/l / 96 h / *Selenastrum capricornutum*	method: OECD 201
EC_{50} (microorganisms)	> 1000 mg/l / 3 h / —	method: OECD 209

D-glucopyranose, oligomeric, C10-16-alkyl glycosides [CAS 110615-47-9]		
LC_{50} (fish)	2,95 mg/l / 96 h / *Danio rerio*	method: —
NOEC (fish)	1 mg/l / 28 days / *Danio rerio*	method: OECD 204
EC_{50} (invertebrates)	7 mg/l / 48 h / *Daphnia magna*	method: —
NOEC (invertebrates)	1 mg/l / 21 days / *Daphnia magna*	method: OECD 202
ChV (algae)	5 mg/l / 72 h / *Desmodesmus subspicatus*	method: —

sodium dodecyl sulphate [CAS 151-21-3]		
LC_{50} (fish)	4,1 mg/l / 96 h / *Cyprinodon variegatus*	method: ASTM E-35 1980
LC_{50} (fish)	29 mg/l / 96 h / *Pimephales promelas*	method: OECD 203
NOEC (fish)	≥ 1,357 mg/l / 42 days / *Pimephales promelas*	method: —
EC_{50} (invertebrates)	5,55 mg/l / 48 h / *Ceriodaphnia dubia*	method: OECD 202
NOEC (invertebrates)	0,88 mg/l / 7 days / *Ceriodaphnia dubia*	method: —
EC_{50} (algae)	> 120 mg/l / 72 h / *Desmodesmus subspicatus*	method: DIN 38412
EC_{50} (microorganisms)	135 mg/l / 3 h / —	method: —

ethanol [CAS 64-17-5]		
LC_{50} (fish)	15,3 mg/l / 96 h / *Pimephales promelas*	method: US EPA E03-05
NOEC (fish)	250 mg/l / 120 h / *Danio rerio*	method: OECD 212
NOEC (invertebrates)	2 mg/l / 10 days / *Ceriodaphnia dubia*	method: —

d-limonene [CAS 5989-27-5]		
LC_{50} (fish)	0,72 mg/l / 96 h / *Pimephales promelas*	method: OECD 203
NOEC (fish)	0,059 mg/l / 8 days / *Pimephales promelas*	method: OECD 212
EC_{50} (invertebrates)	0,307 mg/l / 48 h / *Daphnia magna*	method: OECD 202 / EU C.2
NOEC (invertebrates)	0,08 mg/l / 21 days / *Daphnia magna*	method: OECD 211
EC_{50} (algae)	0,214 mg/l / 72 h / *Raphidocelis subcapitata*	method: OECD 201 / EU C.3
EC_{50} (microorganisms)	209 mg/l / 3 h / —	method: OECD 209

sodium hydroxide [CAS 1310-73-2]		
LC_{50} (fish)	< 180 mg/l / 96 h / *Gambusia affinis*	method: —
EC_{50} (invertebrates)	40,4 mg/l / 48 h / *Ceriodaphnia sp.*	method: —
EC_{10} (microorganisms)	161 mg/l / 2 min / —	method: —

7-methyl-3-methyleneocta-1,6-diene [CAS 123-35-3]		
EC_{50} (invertebrates)	1,47 mg/l / 48 h / *Daphnia magna*	method: OECD 202 / EU C.2
EC_{50} (algae)	0,31 mg/l / 72 h / *Raphidocelis subcapitata*	method: OECD 201 / EU C.3

1,2-benzisothiazol-3(2H)-one [CAS 2634-33-5]		
LC_{50} (fish)	16,7 mg/l / 96 h / *Cyprinodon variegatus*	method: —
EC_{50} (invertebrates)	2,9 mg/l / 48 h / *Daphnia magna*	method: OECD 202
EC_{50} (algae)	70 µg/l / 72 h / *Raphidocelis subcapitata*	method: OECD 201
EC_{50} (microorganisms)	12,8 mg/l / 3 h / —	method: OECD 209

Mixture
The product is not classified as hazardous to the aquatic environment.

12.2. Persistence and degradability

glycerol CAS 56-81-5	Easily biodegradable	94%/24h	method: —

D-glucopyranose, oligomeric, C10-16-alkyl glycosides CAS 110615-47-9	Easily biodegradable	60%/28 days	method: OECD 301 D
sodium dodecyl sulphate CAS 151-21-3	Easily biodegradable	95%/28 days	method: OECD 301 B
ethanol CAS 64-17-5	Easily biodegradable	84%/20 days	method: —
d-limonene CAS 5989-27-5	Easily biodegradable	71,4%/28 days	method: OECD 301 B
7-methyl-3-methyleneocta-1,6-diene CAS 123-35-3	Easily biodegradable	76%/28 days	method: OECD 301 D
1,2-benzisothiazol-3(2H)-one CAS 2634-33-5	Easily biodegradable	85%/63 days	method: OECD 301 C

12.3. Bioaccumulative potential

glycerol CAS 56-81-5	log Po/w = -1,75	method: OECD 107
	BCF = —	method: —
3-butoxypropan-2-ol CAS 5131-66-8	log Po/w = 1,2	method: —
	BCF = —	method: —
sodium dodecyl sulphate CAS 151-21-3	log Po/w ≤ 2,03	method: OECD 107
	BCF = —	method: —
ethanol CAS 64-17-5	log Po/w = -0,35	method: OECD 107
	BCF = —	method: —
d-limonene CAS 5989-27-5	log Po/w = 4,38	method: OECD 117
	BCF = —	method: —
7-methyl-3-methyleneocta-1,6-diene CAS 123-35-3	log Po/w = 4,82	method: EU A.8 / HPLC
	BCF = —	method: —
1,2-benzisothiazol-3(2H)-one CAS 2634-33-5	log Po/w = -0.9	method: EU A.8
	BCF = 0,01 - 0,1	method: —

12.4. Mobility in soil

Mobility of components of the mixture in soil 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

Product does not contain components, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

12.6. Endocrine disrupting properties

The product does not contain substances included in the list established in accordance with Article 59(1) for having endocrine disrupting properties, or substances identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 % by weight.

12.7. Other adverse effects

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

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recommendations for the product

The waste product should be recovered or disposed of in authorized incineration plants or waste disposal / neutralization plants, in accordance with applicable regulations. Do not empty into drains.

Recommendations for used packaging

Reuse / recycle / eliminate empty containers in accordance with the local legislation. Only completely empty containers can be reused.
EU legal acts: directives of the European Parliament and of the Council: 2008/98 / EC as amended and 94/62 / EC as amended.

Recommended waste codes

The waste code should be assigned at the place of its formation.

SECTION 14: Transport information

14.1. UN number or ID number

Not applicable, the product is not dangerous during transport.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

Additional data

Not applicable.

SECTION 15: Regulatory information

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

ADR Agreement concerning the International Carriage of Dangerous Goods by Road.
IMDG Code International Maritime Dangerous Goods Code
IATA Dangerous Goods Regulations
1907/2006/EC REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL concerning the Registration, Evaluation, Authorisation 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 (as amended).

1272/2008/EC REGULATION 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 (as amended).
2020/878/EU COMMISSION REGULATION 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..
2000/39/EC COMMISSION DIRECTIVE 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.
2006/15/EC COMMISSION DIRECTIVE 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.
2009/161/EU COMMISSION DIRECTIVE 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.
2017/164/EU COMMISSION DIRof 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.
2019/1831/EU COMMISSION DIRECTIVE of 24 October 2019 establishing a fifth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.
2008/98/EC DIRECTIVE 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
2016/425/EU REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.
648/2004/EC REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents (as amended).
The components of the mixture are not included in Annex XVII of the REACH Regulation.
The components of the mixture are not included in Annex XIV of the REACH Regulation.

15.2. Chemical safety assessment

A Chemical Safety Assessment is not required for mixtures.

SECTION 16: Other information

Full text of 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.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Clarification of abbreviations and acronyms

ADR	Agreement concerning the International Carriage of Dangerous Goods by Road.
DIN	German Institute for Standardization
DNEL	Derived No-Effect Level.
EC_{10}	A statistically calculated concentration of a chemical substance in an environmental medium that can cause specific effects in 10% of the tested organisms of a given population under certain conditions.
EC_{50}	(median effective concentration) - statistically calculated concentration of a chemical substance in an environmental medium that can cause specific effects in 50% of the tested organisms of a given population under certain conditions.

EN	European standard
IATA	The International Air Transport Association.
IMDG	International Maritime Dangerous Goods Code.
ISO	International Organization for Standardization
LC_{50}	Concentration of a substance that is lethal to 50 percent of the organisms in a toxicity test.
LD_{50}	Dose of a substance that is lethal to 50 percent of the organisms in a toxicity test.
NOEC	The highest concentration that does not cause a statistically significant adverse effect in the exposed population, when compared with its appropriate control.
OECD	Organisation for Economic Cooperation and Development
PBT	Persistent, bioaccumulative and toxic substance.
PNEC	Predicted no-effect concentration.
vPvB	Very persistent and very bioaccumulative substance.

Acute Tox. 4	Acute toxicity - category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute - category 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic - category 2
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic - category 3
Asp. Tox. 1	Aspiration hazard - category 1
Eye Dam. 1	Serious eye damage - category 1
Eye Irrit. 2	Eye irritation - category 2
Flam. Liq. 2	Flammable liquid - category 2
Flam. Liq. 3	Flammable liquid - category 3
Skin Corr. 1A	Skin corrosion - category 1A
Skin Corr. 1B	Skin corrosion - category 1B
Skin Irrit. 2	Skin irritation - category 2
Skin Sens. 1	Skin sensitization - category 1
Skin Sens. 1B	Skin sensitization - category 1B

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.

Key literature references and sources of data

This SDS was prepared on the basis of the safety data sheet provided by the manufacturer, literature data, online databases (e.g. ECHA, TOXNET, COSING), our knowledge and experience, taking into account the current legislation.

Procedures used for the mixture classification according with Regulation 1272/2008/EC as amended

Skin Irrit. 2 H315	calculation method
Eye Dam. 1 H318	calculation method

Additional information

Changes:	section: —
SDS issued by:	THETA Consulting Sp. z o.o.

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.