

KARTA CHARAKTERYSTYKI

Na podstawie Rozp. Komisji (UE) 2020/878 z dnia 18 czerwca 2020 r.

IRON GEL

Data wydania: 02.09.2021

Data aktualizacji: 10.05.2024

Wersja: 1.1

Strona/stron: 1/9

SECTION 1: Identification substances/mixtures and identification companies

1.1. Product Identifier

Name commercial: **IRON GEL**

UFI: SS30-70AE-E00F- XPG3

1.2. Important Identified use of substances or mixtures and Applications discouraged

Application identified: middle down removal pollution metallic With wheels and bodywork Uses advised against: No uses advised against

1.3. Data regarding Suppliers cards characteristics

MyCARE sp. z o.o.
Smolenska 41
85-471 Bydgoszcz
email: deturner@deturner.com

1.4. Phone number Emergency

Nationwide phone alarm: 112
Phone alarm In Poland (active In hours 8:00 - 16:00): +48 509 09 77 77

SECTION 2: Threat identification

2.1. Classification substances or mixtures

Classification according to With By regulation 1272/2008 (CLP)

Acute Tox.4

H302 Works harmful after swallowed.

Skin Sens. 1

H317 Maybe cause a reaction allergic skin.

2.2. Labeling elements

Marking according With EC Regulation 1272/2008

Password Warning **WARNING**

ms



Substances that you should to exchange on label

Mercaptoacetate ammonium

Returns pointing type H302 hazards

Works harmful after swallowed.

H317 Maybe cause a reaction allergic skin.

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Returns indicating precautions

General

P101 W now necessity to reach out advice doctor, you should show container or label.

P102 Protect in front of children.

P103 Before use to read label.

Prevention

P261 Avoid inhalation mist/vapor/spray liquid.

P280 Use gloves protective/protective clothing.

Response

P301+P312 W CASE INGESTION: IN case bad well-being contact myself with the CENTER POISON/doctor.

P302+P352 W CASE CONTACT THAT SKIN: wash big quantity water With soap.

P333+P313 W case occurrences Irritation skin or rashes: To inquire advice/ to report under the care of a doctor.

Storage

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Removal

P501 Contents/Container remove down appropriately marked containers on waste in accordance with local regulations.

Contents detergents according With by regulation 648/2004/EC:

< 5 % anionic means superficially active

2.3. Other threats

Product NO contains ingredients fulfilling criteria PBT or vPvB according With Attachment XIII. None information on topic fulfillment criteria substances disturbing functioning hormonal system .

SECTION 3: Composition/information about ingredients

3.1. Substances - NO refers to

3.2. Mixtures

Character chemical: solution aqueous

Name substance	Identifier	Classification 1272/2008	% wt	
Mercaptoacetate ammonium	Index: --Meth.Corr.1	H290	4.5	-
	6.5CAS: 5421-46-5	Acute Tox. 3	H301	
	IN: 226-540-9 Skin	Sense. 1	H317	
	No. REACH register: 01-2119531489-31-XXXX			
Sodium salts of ethoxylated sulphates C12-C14 alcohols ^[1]	Index: --	Eye Dam. 1	H318	0.4 - 0.8
	CAS: 68891-38-3	Skin Irrit. 2	H315	
	IN: 500-234-8	Aquatic Chronic 3	H412	
	No REACH register: 01-2119488639-16-XXXX			

Comments

Full meaning Returns threats H taken In section 16

^[1] Specific concentrations borderline

Salts soda sulphated ethoxylated alcohols C12-C14: Eye Irrit. 2; : 5 % ≤ C < 10 %; Eye I will give. 1; : C ≥ 10 %

^[2] Substances, In in relation down which specified national the highest acceptable concentrations In environment work

^[3] Substances, In in relation down which specified EU the highest acceptable concentrations In environment work

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^[4] SVHC: substances placed In on the list established according With art. 59 mouth 1

SECTION 4: Means first Help

4.1. Description first aid measures Help

The aftermath inhalation

Move out the injured party person on fresh air and to ensure her conditions down freely breathing. Keep warm and calm.

IN if necessary provide medical assistance.

The aftermath swallowed

NO to evoke vomiting.

Rinse mouth water.

IN now necessity to reach out advice doctor you should show container or label. Do not give anything to swallow to an unconscious person.

IN If necessary, transport the injured person to hospital.

Contact With with eyes

To remove contact lenses.

Rinse contaminated Eyes bigger quantity summer water By 10-15 minutes. Avoid strong water jets - risk of corneal damage.

If necessary, seek medical attention.

Contact That skin

Take off contaminated clothes.

Clean contaminated skin, rinse big quantity water and then water With mild soap. In case, When irritation skin NO passes by, consult myself With doctor.

4.2. The most important sharps and delayed symptoms and effects of exposure

Works harmful after swallowed.

Contact with eyes : Maybe to cause reaction allergic skin.

4.3. Indications regarding any kind immediately Help medical and special proceedings with the injured party

Treatment symptomatic.

IN in place work should be available means to enable help pre-medical.

SECTION 5: Procedure in case fire

5.1. Extinguishing media

Appropriate extinguishing agents

extinguishing foam, carbon dioxide CO₂, extinguishing powders, water spray. Adapt appropriate means fire extinguishing down extinguishing fires In in the vicinity.

Inappropriate extinguishing media

NO use compact streams water on surface smoking the product.

5.2. Special threats related With substance or mixture

Combustion products

While combustion they can create toxic decomposition products thermal, oxide and dioxide coal (COx).

Mixtures explosive

NO refers to

5.3. Information for the fire brigade

Use standard methods extinguishing chemical fires.

Containers exposed on action high temperatures cool water and In measure possibilities to remove With threatened area.

Fumes to precipitate in scattered streams water.

NO to let, To contaminated means the fire extinguishers got through myself down sewerage, waters surface or ground.

Equipment protective gear for firefighters

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Full protective equipment. Cameras
insulating Dear respiratory.

SECTION 6: Procedure In case unintentional release down Environment

6.1. Individual means precautions, equipment protective and procedures in situations emergency

To ensure appropriate ventilation. To avoid contact With with eyes and skin. Use appropriate protective equipment. Remove all sources of ignition. Keep away persons not equipped with personal protective equipment.

IN case getting out myself bigger Quantity mixtures, warn her users and order leaving the contaminated area to third parties.

6.2. Measures precautions regarding environmental protection

Prevent environmental contamination. Secure drains.

IN case serious pollution stream water, system sewer or ground contamination, notify the appropriate administrative and control authorities and rescue organizations.

6.3. Methods and materials preventing spreading myself contamination and used for removal contamination

Secure damaged packaging.

Ventilate the endangered area and avoid inhalation fumes.

Collect mechanically and for help non-flammable materials absorbing (e.g. earth, dry sand, diatomite, vermiculite).

Collected That Environment mass put in packaging surrogate and direct down disposal according With local regulations.

Clean contaminated surface.

6.4. References down others section

Individual means protection: section

8. Disposal methods: section 13

SECTION 7: Procedure With substances and mixtures and their storage

7.1. Measures precautions regarding safe proceedings

Recommendations while performing activities With mixture

Provide adequate ventilation.

Avoid contacts With with eyes and

skin. Avoid inhalation of

vapors/aerosols.

Recipes general industrial occupational hygiene

NO eat, NO drink and NO burn while use product. Wash

hands thoroughly after use.

Contaminated clothes to exchange.

Wash contaminated clothes before again use.

7.2. Terms and Conditions safe storage, In this information regarding any mutual inconsistency

Storage rooms must be ventilated. Keep container tightly closed.

Store in a cool, dry place. Store only in original packaging.

Protect before action sun rays, sources warm and ignition.

NO to store Together With food products and feed for animals.

NO use before getting acquainted myself and understanding all means security.

7.3. Specific use(s) final

Lack data

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SECTION 8: Exposure Controls/Measures personal protection

8.1. Parameters regarding control

National values the highest acceptable concentrations in the environment work

In accordance with the Regulation of the Minister of Family, Labor and Social Policy of June 12, 2018, on the maximum permissible concentrations and intensities of harmful health factors in the work environment (Journal of Laws 2018, item 1286, as amended) changes)

SUBSTANCE	No. CAS	NDS (mg/m ³)	NDSch (mg/m ³)	NDSP (mg/m ³)	Notes
--	--	--	--	--	--

DNEL/ PNEC - Lack data

8.2. Control exposure

Appropriate technical control measures

Rooms warehouse and positions work they have to to be efficiently ventilated, To maintain concentration of dust/vapours in the air below their permissible values.

Individual protection measures



Security eyes or face

Use glasses protective type goggles according With EN 166 standard .

Bottle down Rinsing eyes With clean water or washers down eyes In Nearby places work.

Skin protection



Hand protection

Use chemical resistant protective gloves according to EN 374. Material gloves to choose taking into account time punctures, speed permeation and degradation.

It is recommended myself regular change gloves and immediate their exchange, In case occurrences signs their wear, damage (tearing, perforation) or change in appearance (colour, elasticity, shape).

Use cream protective on uncovered parts body.

Skin protection

Clothes protective. Type equipment protective has to to be selected appropriately down concentrations and amount of a hazardous substance in a specific work environment.

Security respiratory tract

IN case appropriate ventilation NO Is required. By exposure on high concentrations par product and emergency situations, use respiratory protection.

Threats thermal

NO specified.

Control exposure Environment

NO introduce to environments.

General tips regarding safety and hygiene

Use to good ones practice hygiene personal.

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SECTION 9: Properties physical and chemical

9.1. Information on topic basic properties physical and chemical

Condition concentrations:	Liquid
Color:	Colorless
Smell:	No smell
Melting/freezing point:	None data
Temperature boiling or Initial temperature and boiling range:	Lack boiling point data
Combustibility materials:	None data
Lower and upper limit Explosives:	None data
Flash point:	None data
Auto-ignition temperature:	None data
Temperature Decomposition:	None data
pH:	None data
Viscosity kinematic:	None data
Solubility:	Dissolves myself In
water Partition coefficient n-octanol/water (value):	None log coefficient data
Resilience pairs:	None data
Density or density relative:	None data
Relative density pairs:	None data
Particle Characteristics:	No refers to

9.2. Other information

Information regarding classes threats physical	Lack data
Other safety properties	Lack data

SECTION 10: Stability and reactivity

10.1. Reactivity

IN conditions of proper storage and application of the mixture NO Is reactive chemically.

10.2. Chemical stability

IN conditions proper storage mixture It is chemically stable.

10.3. Possibility of occurrence dangerous reaction

Lack data

10.4. Terms and Conditions which should be avoided

Lack data

10.5. Materials incompatible

Lack data

10.6. Dangerous products decomposition

Lack data

SECTION 11: Information toxicological

11.1. Information on hazard classes defined in the regulation (IN) No. 1272/2008

Toxicity sharp

Mercaptoacetate ammonium CAS: 5421-

46-5 LD50 (oral, rat) 71 mg/kg

ATEmix(oral): 1000 - 1600

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Action corrosive/irritating on skin

IN based about accessible data, criteria classification NO are fulfilled.

Serious damage eyes/action irritating on the eyes

IN based about accessible data, criteria classification NO are fulfilled.

Sensitizing effect on the road respiratory or skin

It can cause reaction allergic skin.

Action mutagenic on reproductive cells

IN based about accessible data, criteria classification NO are fulfilled.

Carcinogenicity

IN based about accessible data, criteria classification NO are fulfilled.

Harmful action on fertility

Based on available data, the classification criteria are not met. **Action toxic on organs target - exposure disposable** Based on available data, the classification criteria are not met.

Action toxic on organs target - exposure repeated Based on

available data, the classification criteria are not met. **Aspiration**

hazard

IN based about accessible data, criteria classification NO are fulfilled.

11.2. Information about others threats

Properties disturbing functioning of the system hormonal

No information on topic fulfillment criteria of the substance disturbing functioning of the system hormonal.

Other information

Lack data

SECTION 12: Information Ecological

12.1. Toxicity

IN based about accessible data, criteria classification NO are fulfilled.

12.2. Durability and capacity down decomposition

Relationships superficially active included In this product are in accordance With criteria vulnerabilities on biodegradability, contained in Regulation (EC) No 648/2004 on detergents.

12.3. Ability down bioaccumulation

Lack data.

12.4. Mobility in the soil

Lack data.

12.5. Results property assessment PBT and vPvB

Product does not contain ingredients fulfilling criteria PBT or vPvB according to Attachment XIII.

12.6. Properties disturbing functioning of the system hormonal

Lack information on topic fulfillment criteria of the substance disturbing functioning of the hormonal system.

12.7. Other harmful effects of action

Lack data.

SECTION 13: Procedure With waste

13.1. Methods waste disposal

Product and packaging used during professional use should be disposed of as hazardous waste; deliver to an authorized company. Empty containers or container liners may retain product residue. Empty the packaging completely.

It is necessary avoid contact material With soil, watercourses, drains and sewers

Code waste

Act With day 14 December 2012 r. about waste (text uniform: OJ 2023 pos. 1587 With later (amendments) Regulation Minister Climate of the day 2 January 2020 in the matter catalog waste (Journal of Laws 2020 item 10)

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Code waste has to be given individually In in place uprisings waste In dependence From industry places of use.

Proposed code waste mixtures:

07 06* Waste With production, preparations, turnover and use fats, grease, soaps, detergents, disinfectants and cosmetics

07 06 04* Other solvents organic, solutions With washing and liquids parent 20 01 29*

Detergents containing dangerous substances

SECTION 14: Information regarding transport

14.1. Number UN or number identification ID	NO refers to
14.2. Correct name transport UN	NO No, it
14.3. Hazard Class(es) in transport	applies refers to
Label Warning	No refers to
14.4. Group packing	NO No, it
14.5. Threats for the environment	applies
14.6. Special precautions for users	NO No, it
14.7. Transport maritime loose according to IMO instruments	applies refers to

SECTION 15: Regulatory Information legal

15.1. Safety, health and environmental regulations specific to the substance or mixture

Card characteristics she was developed on based on:

- Regulation (EC) No 1907/2006 PEiR of 18 December 2006 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 with subsequent amendments
- Regulation (EC) No 1272/2008 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 with subsequent amendments
- Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- Laws With day 25 February 2011 r. about substances chemical and their mixtures (text uniform: OJ 2022 pos. 1816)
- Regulation of the Minister of Family, Labor and Social Policy of 12 June 2018 on the maximum permissible concentrations and intensities of harmful health factors in the work environment (Journal of Laws 2018, item 1286, as amended) changes)
- Laws With day 14 December 2012 r. about waste (text uniform: OJ 2023 pos. 1587 With later changes)
- Regulations Minister Climate With day 2 January 2020 r. In on the matter catalog waste (Journal of Laws 2020 pos. 10)
- Regulations Minister Work and Politics Social With day 26 September 1997 r. In on the matter general occupational health and safety regulations (consolidated text: Journal of Laws 2003 No. 169 item 1650 with subsequent amendments)
- Regulations Minister Health With day 30 December 2004 r. In on the matter safety and hygiene work related with the presence of chemical factors in the workplace (consolidated text: Journal of Laws 2016 item 1488)
- Classification goods dangerous according With Agreement European regarding international transport road dangerous goods (ADR)

15.2. Assessment safety chemical

Lack data.

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SECTION 16: Other information

Meaning of phrases H hazards from section:

- 3 H290** May to cause corrosion metals.
H301 Toxic if swallowed. **H315** Causes skin irritation.
H317 May cause reaction allergic skin.
H318 Causes serious damage eyes.
H412 Works harmful on organisms water, causing long lasting consequences.

Changes: section 1 - 16

Procedures classification according to With Regulation (EC) 1272/2008

Classification on on the basis of methods computational.

Training Tips

Before using get acquainted myself With card characteristics and With rules Health and Safety with regard celebrating myself With chemicals. People involved in transport materials in accordance with the ADR agreement should be appropriately trained in the scope of their duties.

Explanation abbreviations and acronyms used in the card characteristics

CAS (Chemical Abstracts Service)

Number IN means one With three numbers listed below:

- number assigned substances In European List Existing Substance about Meaning Commercial (EINECS)
- number assigned substances In European Leaves Substance Notified (ELINCS)
- number In on the list substances chemical listed In publications Commission European "No-longer "polymer" (NLP)

MAC - the highest permissible concentrations of substances harmful to health in the work environment

NDSch - the highest acceptable concentration

temporary NDSP - the highest permissible ceiling concentration

No. UN - Number distinctive material (number UN, number UN)

ADR - Agreement European regarding international transport road goods RID - Regulations concerning the

International Carriage of Dangerous Goods by Rail

IMDG - International Code Maritime Goods IATA - International Air

Transport Association

vPvB (Substance) Very lasted and showing Very big capacity down bioaccumulation

PBT (Substance) Persistent, bioaccumulative and toxic

LD50 The dose at which 50% of the tested animals die LC50

Concentration, by which I am observing myself death 50 % those examined animals

Ex Concentration, by which I am observing myself X % reduction growth or speed NOEL The

highest concentration of a substance at which no effects are observed

BOD Biochemical Demand Oxygen (BOD).- eng Biochemical Oxygen Demand

COD Chemical Demand Oxygen (COD).- eng Chemical Oxygen Demand ThOD

Theoretical Oxygen Demand

Other sources information

IUCLID - International Uniform Chemical Information Database

Own databases

Online bases data, e.g.:

ECHOES - Base substances Registered according With REACH

ECHA - C&L Inventory

Other information

Product described in the safety data sheet should be stored and used in accordance with good industrial practice and in accordance with all legal provisions.

Before application this product In any new experience or in the process technological they should Thorough material compatibility and safety testing should be carried out.

The information contained in the safety data sheet may have been based on the current state of knowledge, experience, literature data, and internet databases. The information is intended to describe the product from the point of view of legal regulations in the field of safety, health and environmental protection. It should not be understood as a guarantee of specific properties. It should be treated as as help For safe proceedings.

User Is responsible for creation conditions safe use product and this he takes on myself liability for consequences resulting from improper use of this product.