

MATERIAL SAFETY DATA SHEET

Based on Commission Regulation (EU) No. 2020/878 of June 18, 2020

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

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Version: 5.0

CARPET AND UPHOLSTERY CLEANER

UFI: 9U20-V0JK-6007-N9RX

1.1. Product ID :

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

Identified uses : cleaning carpets, upholstery, and rugs

Uses advised against : not specified.

1.3. Details of the supplier of the safety data sheet

PJ Chemicals GmbH

Westhafenstraße 1

13353 Berlin, Germany

Phone number: +49 30 21 96 60 38

E-mail address of the person responsible for the safety data sheet: info@pj-chemikalien.de

1.4. Emergency telephone number

112 – emergency number

SECTION 2: Hazard Identification

2.1. Classification of the substance or mixture

Eye Irrit. 2 H319

2.2 Signage elements



Signal word: **Warning**

Hazard statements:

H319 - Causes serious eye irritation.

Precautionary statements:

P102 - Keep out of reach of children.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for

a few minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 - If eye irritation persists: Get medical advice/attention. **P280** - Wear protective gloves and eye protection. **P501** - Dispose of contents and container in accordance with applicable national regulations.

EUH 208 - Contains a mixture of 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

Detergent content according to Regulation 648/2004/EC:

MATERIAL SAFETY DATA SHEET

Based on Commission Regulation (EU) No. 2020/878 of June 18, 2020

Ingredients : <5% anionic surfactants , fragrances, 2 -bromo-2- nitropropane-1,3-diol, Methylchloroisothiazolinone, Methylisothiazolinone.

2.3. Other threats

The substance meets the criteria for classification as PBT according to Regulation (EC) No. 1907/2006, Annex XIII – no

The substance meets the criteria for classification as vPvB according to Regulation (EC) No. 1907/2006, Annex XII – not applicable

The mixture does not contain substances of very high concern (SVHC) included in the list published by ECHA in accordance with Article 57 of the REACH Regulation

The mixture does not contain substances that disrupt the functioning of the endocrine system.

Other hazards not reflected in the classification - unknown

SECTION 3: Composition/information on ingredients

3.1. Substances : Not applicable

3.2. Mixtures :

Substance	CAS No.	EC No.	Index number/ Registration	% wt.	Classification Regulation 1272/2008
sodium lauryl sulfate	85586-07-8	287-809-4	01-2119489463-28- xxxx	<2	Acute Tox.4;H302 Skin Irrit.2;H315 Eye Dam.1;H318
sarcozyna sodowo-lauriolowa	137-16-6	205-281-5	01-2119527780-39- xxxx	<1	Acute Tox.4;H332, Eye Irrit.2;H319
2-Bromo-2- nitropropane-1,3- diol	52-51-7	200-143-0	603-085-00-8 01-2119980938-15- xxxx	<0.1	Acute Tox. 4 H302 Acute Tox. 4 H3 Skin Irritated. 2; H315 Eye Dam. 1; H318 STOT SE 3; H335 Aquatic Acute 1; H400 M=10
mixture of 5-chloro-2-methyl-4- isothiazolin-3-one [EC no. 247- 500-7] and 2-methyl-4- isothiazolin-3-one [EC no. 220- 239-6] (3:1)	55965-84-9	-	613-167-00-5 -	<0.01	Acute Tox. 3 H301 Acute Tox. 2 H310 Acute Tox. 2 H330 Skin Corr. 1B H314 Skin Sens.A 1 H317 Eye Dam. 1, H318 Aquatic Acute 1 H400 Aquatic Chronic 1; H410, M=100

Specific concentration limits

mixture of 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1) (CAS no. 55965-84-9)

Eye Dam. 1: C ≥ 0.6%

Eye Irrit. 2; H319: 0.06% ≤ C < 0.6%

Skin Corr. 1C: C ≥ 0.6%

Skin Irrit. 2; H315: 0.06% ≤ C < 0.6%

Skin Sens. 1A: C ≥ 0.0015%

The full text of H phrases and acronyms of symbols, hazard classes and category codes are given in Section 16. Safety data sheets

MATERIAL SAFETY DATA SHEET

Based on Commission Regulation (EU) No. 2020/878 of June 18, 2020

SECTION 4: First aid measures

4.1. Description of first aid measures :

General information : Follow the safety and handling instructions on the label. If symptoms occur or if in doubt, seek medical advice.

Inhalation - Under normal conditions, there is no risk. If symptoms of poisoning occur, remove the injured person from the exposure area and provide fresh air.

Eye contact - Rinse with plenty of clean water for 15 minutes, holding the eyelids open. If redness, pain, or blurred vision occur, consult an ophthalmologist .

Skin contact – not hazardous under normal conditions. In case of irritation, wash with soap and water.

Ingestion - Rinse mouth with water. Drink plenty of water. Do not give anything to an unconscious person. Contact a doctor.

4.2 Most important acute and delayed symptoms and effects of exposure :

Potential acute health effects

Eye contact : burning sensation,

Skin contact : none under normal conditions of use.

Ingestion : Ingestion may cause nausea, vomiting, and abdominal pain.

Inhalation : Not applicable

4.3 Indications of any immediate medical attention and special treatment needed for the injured person
Symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Foam, carbon dioxide, or dry powder. Cool containers exposed to fire with a water spray.

Unsuitable extinguishing media: Do not use dense streams. water

5.2. Special hazards arising from the substance or mixture

Hazards from the substance or mixture: Water contaminated with this substance must be collected and prevented from entering water systems, streams and wells.

Hazardous combustion products: decomposition at high temperatures may produce toxic gases.

5.3. Information for the fire brigade

Special precautions for fire-fighters : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. Do not take any action involving any personal risk unless specifically trained.

Special protective equipment for firefighters : Firefighters should wear appropriate protective equipment and self-contained breathing apparatus with a full facepiece operating in positive pressure mode. Basic protection during chemical incidents is provided by firefighter clothing (including helmets, safety boots, and gloves) that complies with European Standard EN 469.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Evacuate people from the surrounding areas. Ensure adequate ventilation. Wear an appropriate mask if ventilation is insufficient. Wear appropriate personal protective equipment.

MATERIAL SAFETY DATA SHEET

Based on Commission Regulation (EU) No. 2020/878 of June 18, 2020

6.1.2. For those providing assistance :

If special clothing is required for product disposal, refer to the information in section 8 regarding suitable and unsuitable materials. See also the information in the section "For non-emergency personnel"

6.2. Environmental precautions

Prevent the spread and penetration into sewers, ditches and rivers.

6.3 Methods and material for containment and cleaning up. Collect spillage using absorbent material and dispose of in accordance with applicable regulations.

6.4. References to other sections

Emergency contact information is provided in Section 1.

See Section 8 for information on appropriate personal protective equipment.

Information on additional waste treatment is given in section 13.

SECTION 7: Handling and storage of substances and mixtures

7.1. Precautions for safe handling

7.1.1. During use and storage, comply with generally applicable occupational health and safety regulations. Avoid release into the environment.

7.1.2. Do not eat, drink, or smoke during use. Wash hands during breaks and after work.

7.2. Conditions for safe storage, including information on any incompatibilities

Store in original packaging, in a covered, dry place, at a temperature between 5.0-20.0°C. Protect from direct sunlight. Do not store together with food. Protect from freezing.

7.3. Specific end use(s):

Unknown .

SECTION 8: Exposure controls/personal protection

8.1. Control Parameters

Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the highest permissible concentrations and intensities of factors harmful to health in the work environment (Journal of Laws of 2018, item 1286).

Secondary Impact Levels

No data available

Concentrations at which impacts are expected

No data available

8.2. Exposure controls :

8.2.1. Appropriate engineering controls

General ventilation of the room.

8.2.2. Individual protection measures such as personal protective equipment

Under normal circumstances, not required. Wash hands after work. Do not eat, drink, or smoke.

a) Eye and face protection : Wear protective goggles when using the product.

b) Skin protection :

- Hand protection: Wear protective gloves when using the product.

- Other

c) Respiratory protection : Not required under normal conditions.

d) thermal hazards: Not applicable

8.2.3. Environmental exposure control

Avoid release into the environment.

MATERIAL SAFETY DATA SHEET

Based on Commission Regulation (EU) No. 2020/878 of June 18, 2020

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- a) State of matter: liquid
- b) Color: slightly milky
- c) Smell: characteristic of the raw materials used
- d) Melting/freezing point: approx. 0°C
- e) Boiling point or initial boiling point and boiling range: not applicable
- f) Flammability of materials: not applicable
- g) Lower and upper explosion limits: not applicable
- h) Flash point: not applicable
- i) Auto-ignition temperature: not applicable
- j) Decomposition temperature: not applicable
- k) pH : 7-8
- l) Kinematic viscosity: not applicable
- m) Solubility in water: the product is miscible
- n) n-octanol/water partition coefficient (log value): not applicable
- o) Vapor pressure: not applicable
- p) Density or relative density: 1.0+/-0.02 g/cm³
- q) Relative vapor density: not applicable
- r) Particle characteristics: not applicable

9.2. Other information

No other data available

SECTION 10: Stability and reactivity

10.1. Reactivity – No experimental data are available on the reactivity of the product or its ingredients.

10.2. Chemical stability - The product is stable under normal conditions of storage and use.

10.3. Possibility of hazardous reactions - Under normal conditions of storage and use, hazardous reactions do not occur.

10.4. Conditions to avoid - During storage, avoid temperatures outside the range specified in section 7.2. Protect. Avoid contact with acidic substances.

10.5. Incompatible materials – Do not mix with household chemicals.

10.6. Hazardous decomposition products - For the preparation – Does not decompose if used as intended .

SECTION 11: Toxicological information

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

For substances

For the mixture

- a) acute toxicity;

MATERIAL SAFETY DATA SHEET

Based on Commission Regulation (EU) No. 2020/878 of June 18, 2020

No data available

b) skin corrosion/irritation;

Based on available data on the substance, the product does not meet the classification criteria. c) serious eye damage/eye irritation;

Irritating to eyes

d) respiratory or skin sensitisation;

Based on available data on the substance, the product does not meet the classification criteria.

e) mutagenic effect on germ cells;

Based on available data on the substance, the product does not meet the classification criteria.

f) carcinogenic effect;

Based on available data on the substance, the product does not meet the classification criteria.

g) reproductive toxicity;

Based on available data on the substance, the product does not meet the classification criteria.

h) target organ toxicity – single exposure;

Based on available data on the substance, the product does not meet the classification criteria.

i) specific target organ toxicity – repeated exposure;

Based on available data on the substance, the product does not meet the classification criteria.

j) aspiration hazard.

Based on available data on the substance, the product does not meet the classification criteria.

Likely routes of exposure : eyes

11.2. Information about other threats

11.2.1. Endocrine disrupting properties

Not applicable

11.2.2. Other information

Not applicable

SECTION 12: Ecological information

12.1. Toxicity

For the mixture: no data available

For substances:

Toxicity to fish: Lc50(48h) >500mg/l (Leuciscus idius)

12.2. Persistence and degradability

Elimination rate >70%

12.3. Bioaccumulative potential

No data available

MATERIAL SAFETY DATA SHEET

Based on Commission Regulation (EU) No. 2020/878 of June 18, 2020

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or greater.

12.6. Endocrine disrupting properties

This substance/mixture does not contain ingredients with endocrine disrupting properties according to REACH Article 57(f) of Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2021/606 at levels of 0.1% or above

12.7. Other harmful effects

No data available

SECTION 13: Waste management

13.1. Waste disposal methods :

Proceed in accordance with applicable local laws. Thoroughly emptied product packaging should be disposed of through the municipal waste collection system .

Legal basis:

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

National law: Act of 14 December 2012 on waste (Journal of Laws of 2013, item 21) Act of 13 June 2013 on packaging and packaging waste management (Journal of Laws of 2013, item 888)

SECTION 14: Transport information

14.1. UN number or ID number

Not applicable

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 users

Not applicable

14.7. Bulk maritime transport in accordance with IMO instruments

Not applicable

SECTION 15: Regulatory Information

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

MATERIAL SAFETY DATA SHEET

Based on Commission Regulation (EU) No. 2020/878 of June 18, 2020

- Act of 25 February 2011 on chemical substances and their mixtures (Journal of Laws 2011, No. 63, item 322) as amended.
- Regulation (EC) No 1907/2006 of the European Parliament and of the Council 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 14/94 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.
- 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)
- 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 (OJ L 353, 31 December 2008) with subsequent amendments.
- Directive 2008/98/EC, 2014/955/EU, Commission Regulation (EU) No 1357/2014
- Act of 14 December 2012 on waste (Journal of Laws of 2013, item 21)
- Act of 13 June 2013 on the management of packaging and packaging waste (Journal of Laws of 2013, item 888)
- Regulation of the Minister of Labour and Social Policy of 29 November 2002 on the highest permissible concentrations and intensities of factors harmful to health in the work environment. (Journal of Laws 2002, No. 217, item 1833, as amended).

15.2. Chemical safety assessment

The supplier did not perform a chemical safety assessment of the mixture.

SECTION 16: Other information

H phrases:

- H301** - Toxic if swallowed
- H302** - Harmful if swallowed
- H312** - Harmful in contact with skin
- H315** - Causes skin irritation
- H317** - May cause an allergic skin reaction
- H318** - Causes serious eye damage .
- H319** - Causes serious eye irritation
- H330** - Fatal if inhaled
- H400** - Very toxic to aquatic life

Training tips

Before use, read the safety data sheet.

Explanation of abbreviations and acronyms used in the safety data sheet

CAS (Chemical Abstracts Service)

The EC number is one of the three numbers listed below :

- the number assigned to the substance in the European Inventory of Existing Commercial Chemical Substances (EINECS)
- the number assigned to the substance in the European List of Notified Substances (Elincs)
- number on the list of chemical substances listed in the European Commission publication "No-longer polymers"

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

OELV - the highest allowable momentary concentration

NDSP - the highest permissible ceiling concentration

UN number - Material identification number (UN number, UN number)

ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road,

Other sources of information

IUCLID International Uniform Chemical Information Database

MATERIAL SAFETY DATA SHEET

Based on Commission Regulation (EU) No. 2020/878 of June 18, 2020

ESIS European Chemical Substances Information System

Regulation (EC) 648/2004 on detergents and surfactants, as amended

Update: Registration with PCN

Additional information :

Data for registered substances: <http://echa.europa.eu/web/quest/information-on-chemicals/registered-substances>

The information contained in the safety data sheet is intended to describe the product solely from a safety perspective. The user is responsible for ensuring safe use of the product and assumes no liability for any consequences resulting from improper use of the product.