



SAFETY DATA SHEET

Date of Issue :
05.05.2020
Revision
Date:12.07.202
3
Version: 01

PRENS GRILL

According to (EC) No 1907 / 2006

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1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name : PRENS GRILL

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

Cleaning product

Uses advised against: Uses other than those identified are not recommended

1.3 Company/Undertaking Identification:

ERPA TURİZM KİMYA SAN. VE TİC. LTD. ŞTİ.

Bahçelievler Mahallesi 430 Sokak No: 6 Yazıbaşı-Torbalı / İZMİR

Phone 0232 853 75 19

Fax 0232 853 74 65

Web site : www.prens deterjan.com

E-mail : info@prens deterjan.com

1.4 Emergency telephone number

National Poison Center 'UZEM' : 114

2. Hazards Identification

2.1 Classification of the substance or mixture

Skin Corr. 1A; H314

2.2 Label elements

H Statements:

H314: Causes severe skin burns and eye damage.

P Statements:

P102: Keep out of reach of children.

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

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 or doctor/physician.

2.3 Other hazards

No other hazards known

DANGER





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3. Composition/information on ingredients

Ingredient(s)	EC Number	CAS Number	Concentration	Classification
Sodium hydroxide	215-185-5	1310-73-2	% 5 – 15	H290, H314
Phosphoric acid, C12-14-alkyl esters, sodium salts	291-911-4	90506-49-3	< % 3	H315, H318
Others: Dye				

*NOTE: For the wording of the listed H Statements refer to section 16.

4. First aid measures

4.1. Description of first aid measures

Inhalation: Get medical attention or advice if you feel unwell.

Skin contact: Wash skin with plenty of lukewarm, gently flowing water for at least 30 minutes. Take off immediately all contaminated clothing and wash it before re-use. Immediately call a POISON CENTRE, doctor or physician.

Eye contact: Immediately rinse eyes cautiously with lukewarm water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE, doctor or physician.

Ingestion: Rinse mouth. Immediately drink 1 glass of water. Do NOT induce vomiting. Keep at rest. Immediately call a POISON CENTRE, doctor or physician.

Self-protection of first aider: Consider personal protective equipment as indicated in subsection 8.2.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation: No known effects or symptoms in normal use.

Skin contact: Causes severe burns.

Eye contact: Causes severe or permanent damage.

Ingestion: Ingestion will lead to a strong caustic effect on mouth and throat and to the danger of perforation of oesophagus and stomach.

4.3 Indication of any immediate medical attention and special treatment needed

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

5. Firefighting measures

5.1 Extinguishing media

Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.

5.2 Special hazards arising from the substance or mixture

No special hazards known.

5.3 Advice for firefighters

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear suitable protective clothing, gloves and eye/face protection.



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6.2 Environmental precautions

Do not allow to enter drainage system, surface or ground water. Dilute with plenty of water.

6.3 Methods and material for containment and cleaning up

Use neutralising agent. Absorb onto dry sand or similar inert material.

6.4 Reference to other sections

For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

7. Handling and storage

7.1 Precautions for safe handling

Measures to prevent fire and explosions:

No special precautions required.

Measures required to protect the environment:

For environmental exposure controls see subsection 8.2.

Advices on general occupational hygiene:

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not mix with other products unless advised by Sealed Air. Wash hands before breaks and at the end of workday. Wash face, hands and any exposed skin thoroughly after handling. Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. Use personal protective equipment as required. Avoid contact with skin and eyes. Use only with adequate ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local and national regulations. Keep only in original container. Store in a closed container. For conditions to avoid see subsection 10.4. For incompatible materials see subsection 10.5.

7.3 Specific end use(s)

No specific advice for end use available

8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits

1310-73-2 sodium hydroxide

TLV-Ceiling: 2 mg/m³

STEL (10 dakika): 2 mg/m³(united kingdom)

PEL: 2 mg/m³

8.2 Exposure controls

The following information applies for the uses indicated in subsection 1.2 of the Safety Data Sheet. If available, please refer to the product information sheet for application and handling instructions. Normal use conditions are assumed for this section.

Recommended safety measures for handling the undiluted product:

Covering activities such as filling and transfer of product to application equipment, flasks or buckets

Appropriate engineering controls: If the product is diluted by using specific dosing systems with no risk of splashes or direct skin contact, the personal protection equipment as described in this section is not required. Where possible: use in



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automated/closed system and cover open containers. Transport over pipes. Filling with automatic systems. Use tools for manual handling of product.

Appropriate organisational controls: Avoid direct contact and/or splashes where possible. Train personnel.

Personal protective equipment Eye / face protection: Safety glasses or goggles (EN 166). The use of a full-face shield or other full-face protection is strongly recommended when handling open containers or if splashes may occur.

Hand protection: Chemical-resistant protective gloves (EN 374). Verify instructions regarding permeability and breakthrough time, as provided by the gloves supplier. Consider specific local use conditions, such as risk of splashes, cuts, contact time and temperature.

Suggested gloves for prolonged contact: Material: butyl rubber Penetration time: ≥ 480 min

Material thickness: ≥ 0.7 mm

Suggested gloves for protection against splashes: Material: nitrile rubber Penetration time: ≥ 30 min

Material thickness: ≥ 0.4 mm

In consultation with the supplier of protective gloves a different type providing similar protection may be chosen.

Body protection: Wear chemical-resistant clothing and boots in case direct dermal exposure and/or splashes may occur (EN 14605).

Respiratory protection: No special requirements under normal use conditions

Environmental exposure controls: Should not reach sewage water or drainage ditch undiluted or unneutralised.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical State	: Liquid
Colour	: Brown*
Odour	: Characteristic odour
pH	: $13 \pm 1,0$ (@ 20°C)
Relative density	: $1,05 \pm 0,05$ g/cm ³ (20°C)
Solubility in / Miscibility with Water	: Fully miscible

9.2 Other information

Not available.

10. Stability and reactivity

10.1 Reactivity

No reactivity hazards known under normal storage and use conditions.

10.2 Chemical stability

Stable under normal storage and use conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known under normal storage and use conditions.

10.4 Conditions to avoid

None known under normal storage and use conditions.

10.5 Incompatible materials

Reacts with acids.

10.6 Hazardous decomposition products

None known under normal storage and use conditions



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11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Mixture data:

Relevant calculated ATE(s): ATE - Oral (mg/kg): >5000

11.2 Skin Corrosion / Irritation:

Irritating to skin.

11.3 Eye Damage / Irritation:

May cause severe damage to the eyes.

11.4 Respiratory irritation:

No sensitizing effect.

11.5 Germ cell mutagenicity:

negative

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

11.6 Carcinogenicity:

No data available concerning carcinogenic effects.

11.7 Reproductive Toxicity:

No data available.

11.8 Specific Target Organ Toxicity-Single Exposure:

No data available.

11.9 Specific Target Organ Toxicity-Repeated Exposure:

No data available.

11.10 Aspiration Hazards:

No data available..

12. Ecological Information

12.1 Ecotoxicity

Toxicity to fish : LC50 – 35ml/l (96h)

Ceriodaphnia sp : LC50 – 40.4mg/l (48h)

Photobacteriu m phosphoreum : EC50 – 22 mg/l (0.25)

12.2 Persistence and Degradability:

No data available.

12.3 Bioaccumulative Potential:

No data available.

12.4 Mobility in Soil:

No data available.

12.5 Results of PBT and vPvB assessment

The product does not fulfill the criteria for PBT (Persistent/bioaccumulative/toxic) and vPvB (very persistent/very bioaccumulative).

13. Disposal Considerations

13.1 Waste treatment methods

Waste treatment methods

• Recommendation: Dispose of contents/container in accordance with local/regional/national/international regulations.

Uncleaned packaging:

• Recommendation: Dispose of contents/container in accordance with local/regional/national/international regulations.

• Recommended cleansing agents: water



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14. Transport information

ADR/RID

UN Number: 1824
UN proper shipping name: 1824 Sodium hydroxide solution
Class: 8
Label: 8
P. G.: II

Other relevant information:

Tunnel restriction code: E
Hazard identification number: 80
Limited quantities:* 1 L

* According to Table 7, column 7a of the European Agreement on International Transport of Dangerous Goods by Road (ADR) limited quantities that carried on the road 1 L and less. Exempt from danger labels.

IMDG

UN Number: 1824
UN proper shipping name: 1824 Sodium hydroxide solution
Class: 8
Label: 8
P. G.: II
EmS No: F-A, S-B

Other relevant information:

Limited quantities:* 1 L

* According to Dangerous Goods Table of the Regulation on the Carriage of Dangerous Goods at Sea (IMDG Code) limited quantities that carried on the road 1 L and less. Exempt from danger labels.

ICAO/IATA DGR

UN Number: 1824
UN proper shipping name: 1824 Sodium hydroxide solution
Class: 8
Label: 8
P. G.: II

15. Regulatory information

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

EU regulations:

- Regulation(EC)No1272/2008-CLP
- Regulation(EC)No.1907/2006-REACH
- Regulation(EC)No.648/2004-Detergents regulation

Authorisations or restrictions (Regulation (EC) No 1907/2006, Title VII respectively Title VIII): Not applicable.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out on the mixture



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16. Other information

Full text of the H and EUH phrases mentioned in section 3:

H290 – May be corrosive to metals.

H314 – Causes severe skin burns and eye damage.

H315 – Causes skin irritation

H318 --Causes serious eye damage.

H319 – Causes serious eye irritation.

The information in this safety data sheet is prepared to based on our current knowledge and experience. The purpose of this sheet describe the information of handling, safety,environmental and health. User should be determined suitability of this information yourself.

References:

S.D.S of Raw Material

European Chemical Industry Council (CEFIC)

Emergency Response Intervention Cards (ERICards or ERIC's)

National Institute for Occupational Safety and Health (NIOSH)

European Chemical Substances Information System (ESIS)

Contact:

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