

FICHA COM DADOS DE SEGURANÇA

Nome do Produto: PERPAC LV S 12336 (PAC)

Revisão: 00 (Inglês)

Data: 28/04/2025

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1 - Identificação

Nome do Produto: PERPAC LV S 12336 (PAC)

Número da FDS: 7122

Comercializado por: Morais de Castro Comércio e Importação de Produtos Químicos Ltda.

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1.1-Outras maneiras de identificação:

1.2-Usos recomendados do produto químico e restrições de uso:

2 - Identificação de perigos

Classification of the substance or mixture:

It is not a hazardous substance or mixture according to ABNT 14725/2023.

GHS labelling elements, including precautionary statements:

It is not a hazardous substance or mixture.

Other hazards which do not result in a classification:

This substance/mixture does not contain components considered persistently bioaccumulative and toxic (PBT) or very bioaccumulative and very persistent (vPvB) at levels of 0.1% or more.

3 - Composição e Informações sobre os ingredientes

Mixture.

Chemical identity: Carboxymethyl Cellulose Sodium Salt.

CAS registry number: 9004-32-4.

Concentration or concentration range.

Sodium glycolate:

Max. 12%.

CAS registry number: 2836-32-0.

sodium chloride:

Max. 28%.

CAS registry number: 7647-14-5.

Sodium Carboxymethylcellulose:

Min. 60%.

CAS registry number: 9004-32-4.

4 - Medidas de primeiros-socorros

Description of necessary first aid measures:

Inhalation:

If inhaled, move the person to fresh air. If breathing has stopped, provide artificial respiration, Consult a doctor.

Skin contact:

Remove by washing with plenty of soap and water. Consult a doctor.

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Eye contact:

Wash eyes thoroughly with water as a precaution.

Ingestion:

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a doctor.

Most important symptoms and effects, both acute and delayed:

Not available.

Indication of immediate medical attention and special treatment required, if necessary:

Not available.

5 - Medidas de combate a incêndio

Extinguishing media

Appropriate extinguishing media:

Use water spray, alcohol-resistant foam, dry powder, or carbon dioxide.

Special hazards arising from the substance or mixture:

Carbon oxides.

Special protective measures for firefighting personnel:

If necessary, use self-contained breathing apparatus for firefighting.

6 - Medidas de controle para derramamento ou vazamento

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mists or gases. Avoid breathing dust. Ensure adequate ventilation.

For emergency personnel:

Use personal protective equipment.

Environmental precautions:

Do not allow the product to enter the sewage system. Discharge into the environment must be avoided.

Methods and materials for containment and clean-up:

Collect and prepare for disposal without creating dust. Clean and move. Keep in appropriate, closed containers for disposal.

7 - Manuseio e armazenamento

Precautions for safe handling:

There must be adequate extraction in places where dust forms.

Conditions for safe storage, including any incompatibilities:

Store in a cool, dry place, do not store outdoors. The recommended storage temperature is a maximum of 40°C. Keep the container airtight. German storage class (TRGS 510): Non-combustible solid.

8 - Controle de exposição e proteção individual

Control parameters:

Handle with appropriate industrial hygiene precautions and follow safety practices. Wash hands before breaks and after work.

Engineering controls:

Not available.

Personal protective measures:

Wear closed work clothes.

Eye/face protection:

Use eye protection equipment that has been tested and approved in accordance with applicable government regulations, such

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as NIOSH (USA) or EN 166 (EU)

Skin protection:

Handle with gloves. Gloves should be inspected prior to use. Use the correct glove removal technique (without touching the outer surface of the glove) to avoid skin contact with this product.

Respiratory protection:

Respiratory protection is not required. Where protection is desired, use respirators and components evaluated and approved under appropriate government standards, such as NIOSH (USA) or CEN (EU).

Thermal hazards:

Not available.

9 - Propriedades físicas e químicas

Physical state: Solid.

Color: White to cream-colored.

Odor: Odorless.

Melting point/freezing point: Not applicable.

Boiling point or initial boiling point and boiling range: Not applicable.

Flammability: Not applicable.

Lower explosive/flammable limit: Not applicable.

Upper explosive/flammable limit: Not applicable.

Flash point (or flash point): Not applicable.

Autoignition temperature: > 160 °C.

Decomposition temperature: Not available.

pH: (1% solution at 25°C): 8.0 – 11.0.

Kinematic viscosity: Not available.

Solubility: Highly soluble in cold and hot water, but is limited by concentration and viscosity.

Partition coefficient - n-octanol/water: Not available.

Vapour pressure: Not available.

Density and/or relative density: 600 – 1000 kg./m3.

Relative vapour density: Not available.

Particle characteristics: Not available.

10 - Estabilidade e reatividade

Reactivity:

Not available.

Chemical stability:

It is stable under recommended handling and storage conditions.

Possibility of hazardous reactions:

None in case of proper handling and storage conditions.

Conditions to avoid:

Not available.

Incompatible materials:

Strong oxidizing agents.

Hazardous decomposition products:

Not available.

11 - Informações toxicológicas

Acute toxicity:

Oral LD50 - Rat - 27,000 mg/kg. Dermal LD50 - Rabbit - > 2,000 mg/kg.

Skin corrosion/irritation:

Not available.

Serious eye damage/eye irritation:

Not available.

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Respiratory or skin sensitization:

Not available.

Germ cell mutagenicity:

Not available.

Carcinogenicity:

No component of this product is identified, which is present at levels greater than or equal to 0.1% as a probable, possible or confirmed human carcinogen by the (IARC) International Agency for Research on Carcinogens.

Reproductive toxicity:

Not available.

Specific target organ toxicity-single exposure:

Not available.

Specific target organ toxicity-repeated exposure:

Not available.

Aspiration hazard:

Not available.

12 - Informações ecológicas

Ecotoxicity:

LC50 (96h): 100 – 1000 mg/l in fish Toxicity in Daphnia and other aquatic invertebrates EC50 (48h): 87.26 mg/l BOD5: 20mg/g.

Persistence and degradability:

Water-soluble, fully biodegradable. Does not exert toxic influence on wastewater systems, nor generate heavy metal contamination.

Bioaccumulative potential:

Not available.

Mobility in soil:

Not available.

Other adverse effects:

Not available.

13 - Considerações sobre destinação final

Recommended methods for final disposal.

Product:

The use of solid waste landfills is recommended. Disposal should be in accordance with local regulations in each city. Another alternative is the incineration method. If the material is disposed of, it is not considered a hazardous material. It is not listed as a hazardous waste under RCRA.

Contaminated packaging:

Empty packaging should be taken to an approved disposal site for recycling or disposal.

14 - Informações sobre transporte

National and international regulations:

Product not classified as dangerous for transport.

15 - Informações sobre regulamentações

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Specific safety, health and environmental regulations for the chemical:

NBR 14725/2023 - Chemical products — Safety, health and environmental information — General aspects of the Globally Harmonized System (GHS), classification, SDS and labeling of chemical products

16 - Outras Informações

Important information, but not specifically described in the previous Sections:

Health risk: 1
Fire hazard: 1
Reactivity risk: 0

References:

Not available.

Legends and abbreviations:

GHS or GHS: Globally Harmonized System
OSHA: Occupational Safety and Health Administration
IARC: International Agency for Research on Cancer
NTP: National Toxicology Program
AGGIH: American Conference of Government Industrial Hygienists
U.V: Ultraviolet-visible
TLV: Threshold Limit Value
TWA: Time-weighted average
NIOSH: National Institute for Occupational Safety and Health
LD 50: Lethal dose 50%
LC 50: Lethal concentration 50%
BOD5: Biochemical oxygen demand 5 days
RCRA: Resource Conservation Recovery Act
USA: United States of America
MARPOL: International Convention for the Prevention of Pollution from Ships.
IBC: International Code for the Construction and Equipment of Ships Carrying Hazardous Chemicals in Bulk.
SARA: Superfund Amendments and Reauthorization Act
TSCA: Toxic Substances Control Act
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act
CFR: Code of Federal Regulations
CAS: Chemical Summary Service
SCOPE: European Union regulation adopted to improve the protection of human health and the environment from the risks that may be posed by chemicals. DSL: Canada Domestic Substances List
AICS: Australia Inventory of Chemical Substances
NZLoC: New Zealand Inventory of Chemicals
ENCS: Japan Inventory of Existing and New Chemical Substances
KECI: Korea Existing Chemical Inventory
PICCS: Philippines Inventory of Commercial Chemical Substances
IECSC: China Inventory of Existing Chemical Substances
HMIS: Hazardous Materials Identification System
NFPA: National Fire Protection Association
ICAO: International Civil Aviation Organization
IATA: International Air Transport Association
IMO: International Maritime Organization