

Safety data sheet

According to 1907/2006/EC (REACH), 453/2010/EU, 2015/830/EU

1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

Etelec S.p.a. Via D. De Roberto, 44 80143 Naples – Italy
Tel. +39 081 5846610 Fax +39 081 2587166

Product identifier: MP-GEL PLUS – COMPONENT A

Relevant uses of the substance or mixture: Electrical protection

2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

CLP Regulation (EC) n° 1272/2008:

The product is not classified as dangerous according to CLP Regulation (EC) n° 1272/2008.

2.2 Label elements:

CLP Regulation (EC) n° 1272/2008:

See sections 11 and 12.

2.3 Other hazards:

Non-applicable

3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical description: Polymer/s

Components:: None of the substances contained in the mixture are above the values fixed in Annex II of Regulation (EC) n°1907/2006

4 – FIRST AID MEASURES

By eye contact: Rinse with water until the product has been eliminated. In case of problems, consult a doctor with the SDS of this product.

By skin contact: In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of modifications on the skin (stinging, redness, rashes, blisters,...), seek medical advice with this Security Data Sheet

By inhalation: In case of symptoms, move the person affected into fresh air.

By ingestion/aspiration: In case of consumption in large quantities, it is recommended to seek medical assistance.

5 – FIREFIGHTING MEASURES

5.1 Extinguishing media: Product is non-flammable, low risk of fire by the inflammability characteristics of the product in normal conditions of storage, manipulation and use. In the case of the

existence of sustained combustion as a result of improper manipulation, storage or use any type of extinguishing agent can be used (ABC Powder, water,...)

Additional provisions: Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

6 – ACCIDENTAL RELEASE MEASURES

Methods and material for containment and cleaning up: Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

7 – HANDLING AND STORAGE

Manipulation: Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

Storage: Avoid sources of heat, radiation, static electricity and contact with food.

T^a minimum: 5 °C

T^a maximale: 25 °C

8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters:

Substances whose occupational exposure limits have to be monitored in the work environment. There are no environmental limits for the substances contained in the product.

As a preventative measure it is recommended to use basic Personal Protection Equipment, with the corresponding <<CE marking>> in accordance with Directive 89/686/EC. For more information on Personal Protection Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

Respiratory protection:	The use of protection equipment will be necessary if a mist forms or if the professional exposure limits are exceeded.
Bodily protection:	Non-applicable
Ocular and facial protection:	Non-applicable

Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

V.O.C. (Supply): 0,01 % weight

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Via D. De Roberto, 40 - 80143 NAPOLI - Tel. +39 0815846610 +39 0815848659 - Fax +39 0812587166
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V.O.C. density at 20 °C: 0,09 kg/m³ (0,09 g/L)
Average carbon number: 8
Average molecular weight: 186,4 g/mol

9 – PHYSICAL AND CHEMICAL PROPERTIES

Color	According to the markings on the package
Appearance:	Fluid
Odor	-
Density at 20 °C:	1000 kg/m ³
Vapour pressure at 20 °C:	719 Pa
Vapour pressure at 50 °C:	3650 Pa (4 kPa)

10 – STABILITY AND REACTIVITY

Possibility of hazardous reactions: Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

Reactivity: No hazardous reactions are expected if the following technical instructions storage of chemicals.

Hazardous decomposition products: Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

11 – TOXICOLOGICAL INFORMATION

Information on toxicological effects: DL50> 2000 mg / kg (Rat)

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than recommended by the occupational exposure limits, it may result in adverse effects on health depending on the means of exposure:

Ingestion:

- Acute toxicity: Based on available data, the classification criteria are not met
- Corrosivity/Irritability: Based on available data, the classification criteria are not met

Inhalation:

- Acute toxicity: Based on available data, the classification criteria are not met
- Corrosivity/Irritability: Based on available data, the classification criteria are not met

Contact with the skin and the eyes:

- Contact with the skin: Based on available data, the classification criteria are not met
- Contact with the eyes: Based on available data, the classification criteria are not met

CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met
- Mutagenicity: Based on available data, the classification criteria are not met
- Reproductive toxicity: Based on available data, the classification criteria are not met

Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met
- Cutaneous: Based on available data, the classification criteria are not met

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Specific target organ toxicity (STOT)-time exposure:
Based on available data, the classification criteria are not met.

SECTION 12 – ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste management (disposal and evaluation): Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. We do not recommended disposal down the drain.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) n°1907/2006 (REACH) the community or state provisions related to waste management are stated.

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

SECTION 14 – TRANSPORT INFORMATION

This product is not regulated for transport (ADR/RID,IMDG,IATA)

SECTION 15 – REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:
REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

Active substances for which a decision of non-inclusion onto Annex I (Regulation (EU) No 528/2012):
Non-applicable

Regulation (EC) 1005/2009, about substances that deplete the ozone layer: Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Candidate substances for authorisation under the Regulation (EC) 1907/2006 (REACH): Non-applicable

SECTION 16 – OTHER INFORMATION

This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) N° 1907/2006 (Regulation (EU) N° 453/2010, Regulation (EC) N° 2015/830)

The information contained in this security data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this security data sheet only refers to this product, which should not be used for needs other than those specified.

Safety data sheet

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2: HAZARDS IDENTIFICATION

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2.2 Label elements:

CLP Regulation (EC) n° 1272/2008:

See sections 11 and 12.

2.3 Other hazards:

Non-applicable

3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical description: Polymer/s

Components:: None of the substances contained in the mixture are above the values fixed in Annex II of Regulation (EC) n°1907/2006

4 – FIRST AID MEASURES

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V.O.C. (Supply): 0 % weight

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V.O.C. density at 20 °C: 0,02 kg/m³ (0,02 g/L)
Average carbon number: 8
Average molecular weight: 296,6 g/mol

9 – PHYSICAL AND CHEMICAL PROPERTIES

Color	According to the markings on the package
Appearance:	Fluid
Odor	Odourless
Density at 20 °C:	1003 kg/m ³
Vapour pressure at 20 °C:	90 Pa
Vapour pressure at 50 °C:	722 Pa (1 kPa)

10 – STABILITY AND REACTIVITY

Possibility of hazardous reactions: Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

Reactivity: No hazardous reactions are expected if the following technical instructions storage of chemicals.

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