

Safety data sheet

This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878,
without any country-specific legislation



FLO 950

rev. 2023-01-01

pri. 2025-10-17

SECTION 1 : IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND THE COMPANY / UNDERTAKING

1.1 Product Identifier

Market name: FLO 950

1.2 Use of the substance or mixture

Relevant uses: Cable gel lubricant

Recommended uses: Any use not specified on this tab or in tab 7.3

1.3 Information on the provider of the safety data sheet

Manufacturer / supplier: Etelec Italia S.p.A.

Address: Via D. Roberto, 40

Zip / City / Country: 80143, Naples Italy

Telephone number: + 39 081 5846610

Fax: + 39 081 2587166

Safety Data Sheet Information: Phone + 39 081 5846610

E-mail: etelec@etelec.it

1.4 Emergency telephone number

Phone: + 39 081 5846610

SECTION 2 : HAZARD IDENTIFICATION

2.1 Classification of the substance of the mixture:

Regulation No. 1272 / 2008 (CLP):

In accordance with Regulation No. 1272/ 2008 (CPL), the product is not classified as dangerous.

2.2 Label elements:

Regulation No. 1272 / 2008 (CLP):

None

2.3 Other hazards:

Product fails to meet PBT/vPvB criteria

Endocrine-disrupting properties: The product fails to meet the criteria

SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

3.2 Mixtures

Chemical description Polymer(s)

Components None of the substances in the mixture are above the values set out in Annex II
Regulation (EC) No. 1907/2006

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SECTION 4 : FIRST AID MEASURES

4.1 Description of first aid measures

In case of discomfort seek medical advice by showing this product safety data sheet if possible

By inhalation:

In case of symptoms, move the person involved to fresh air

For skin contact:

In case of contact it is recommended to clean the affected area with plenty of neutral soap water. In case of skin changes (burning, redness, rash, boils,...) contact a doctor with this product safety data sheet

By eye contact:

Rinse with water until the product is removed. If you experience discomfort, contact a doctor with this product safety data sheet

By ingestion / aspiration:

In case of ingestion, it is recommended to seek medical attention.

4.2 Main symptoms and effects, both acute and delayed:

Acute and delayed effects are indicated in paragraphs 2 and 11:

4.3 Indication of any immediate medical attention and special treatment needed:

Not applicable

SECTION 5 : FIREFIGHTING MEASURES

5.1 Extinguishing media

Product is non-flammable, with a low risk of fire due to the flammability characteristics of the product in normal conditions of storage, handling and use. In the case of the existence of sustained combustion as a result of improper handling, storage or use any type of extinguishing agent can be used (ABC powder, water,...)

5.2 Special hazards arising from the substance or mixture

Due to its flammability characteristics, the product does not present a risk of fire under normal conditions of storage, handling and use

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task.

For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

6.2 Environmental precautions:

Product not classified as dangerous for the environment. Keep away from drains, surface water and groundwater

6.3 Methods and materials for containment and remediation

It is recommended: absorb the spill by sand or inert absorbent and move it to a safe place. Do not absorb with sawdust or other flammable absorbent. For any consideration of deletion, please refer to paragraph 13.

6.4 Reference to other sections:

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See sections 8 and 13

SECTION 7 : HANDLING AND STORAGE

7.1 Precautions for safe handling

A- Precautions for safe manipulation

Comply with the legislation in force on the prevention of risks at work. Keep containers tightly closed.
Check spills and residues, eliminating them with safe methods (section 6).
Avoid free spillage from containers. Maintain order and cleanliness where dangerous products are handled

B - Technical recommendations for fire and explosion prevention

It is recommended to transfer slowly to avoid generating electrostatic charges that may involve flammable products. See paragraph 10 on conditions and materials to avoid.

C - Technical recommendations to prevent ergonomic and toxicological risks.

Avoid eating or drinking during handling and then take care to wash with the appropriate products.

D - Technical recommendations to prevent environmental risks

It is not necessary to provide for special measures to prevent environmental risks. For further information see section 6.2

7.2 Conditions for safe storage, including any incompatibilities

A- Technical measures for storage

Minimum Temp.: 5 °C
Maximum Temp.: 25 °C

B - General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For further information see section 10.5

7.3 Special end uses

Except for the indications already specified, no special recommendation needs to be made as to the uses of this product.

SECTION 8 : EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limit values must be controlled in the workplace (European OEL, not country-specific legislation):

DNEL (Workers): Not applicable

DNEL (Population): Not applicable

PNEC: Not applicable

8.2 Exposure controls:

A- General safety and hygiene measures in the workplace

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective 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.

B - Respiratory protection

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C - Specific hand protection Not applicable

D - Eye and facial protection Not applicable

E - Body protection Not applicable

F - Additional emergency measures There is no need to take additional emergency measures

Environmental exposure controls:

Under Community legislation on environmental protection, it is recommended to avoid releasing the product and its containers into the environment. For further information see section 7.1 D

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Volatile organic compounds:

In application of Directive 2010/75/EU, this product has the following characteristics:

C.O.V:	0% weight
C.O.V density at 20 °C:	0 kg/m ³ (0 g/L)
Average number of carbons:	Not applicable
Average molecular weight:	Not applicable

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance:

Physical state at 20 °C:	Liquid
Aspect:	Viscous
Color:	Incolour
Smell:	Inodor

Volatility:

Boiling point at atmospheric pressure:	100 °C
Vapour pressure at 20 °C:	2350 Pa
Vapour pressure at 50 °C:	12381 Pa (12.38 kPa)
Evaporation rate at 20 °C:	Not applicable *

Product description:

Density at 20 °C:	1 kg/m ³
Relative density at 20 °C:	Not applicable *
Dynamic viscosity at 20 °C:	Not applicable *
Kinematic viscosity at 20 °C:	Not applicable *
Kinematic viscosity at 20 °C:	Not applicable *
Concentration:	Not applicable *
pH:	6-7
Vapour density at 20 °C:	Not applicable *
Partition coefficient - octanol / water 20 °C:	Not applicable *
Solubility in water at 20 °C:	Not applicable *
Decomposition temperature:	Not applicable *
Melting point / freezing point:	Not applicable *

Inflammability:

Flash point:	Non-flammable (> 60 °C)
Auto-ignition temperature:	Not applicable *
Lower flammability limit:	Not applicable *
Upper flammability limit:	Not applicable *

Particle characteristics:

Median equivalent diameter:	Not applicable *
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9.2 Other information:

Information with regard to physical hazard classes:

Explosive properties:	Not applicable *
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Oxidising properties:	Not applicable *
Corrosive to metals:	Not applicable *
Heat of combustion:	Not applicable *
Aerosols-total percentage (by mass) of flammable components:	Not applicable *

Other safety characteristics

Surface tension at 20 °C:	Not applicable *
Refraction index:	Not applicable *

* Not applicable due to the nature of the product, do not provide proprietary information of its dangerousness

SECTION 10 : REACTIVE STABILITY

10.1 Reactivity:

No hazardous reactions if the following technical instructions for storing chemicals are provided. See section 7

10.2 Chemical stability

Chemically stable under storage, handling and use conditions.

10.3 Possibility of dangerous reactions

No hazardous reaction is expected due to temperature variation and/or oppression

10.4 Conditions to avoid

Applicable for handling and storage at room temperature:

Shock and friction Contact	Not applicable
Contact with air	Not applicable
Increase in temperature	Not applicable
Sunlight	Not applicable
Humidity	Not applicable

10.5 Incompatible materials

Acids:	Avoid strong acids
Water:	Not applicable
Oxidising materials	Not applicable
Combustible	Not applicable
Others	Avoid alkali or strong bases

10.6 Hazardous decomposition products

See heading 10.3, 10.4, and 10.5 for specific knowledge of decomposition products. Independence from decomposition conditions, as a consequence of the same it is possible to release complex mixtures of chemicals: carbon dioxide (CO₂), carbon monoxide (CO) and other organic compounds.

SECTION 11 : TOXICOLOGICAL INFORMATION

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

LD 50 oral > 2000 mg/kg (Rat)

Dangerous health implications:

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

A- Ingestion

Acute toxicity:	Based on the available data, the classification criteria are not met
Corrosiveness/irritability:	Based on the available data, the classification criteria are not met

B - Inhalation

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	Acute toxicity:	Based on the available data, the classification criteria are not met
	Corrosiveness/irritability:	Based on the available data, the classification criteria are not met
C -	Contact with skin and/or eyes	
	Skin contact	Based on the available data, the classification criteria are not met
	Eye contact	Based on the available data, the classification criteria are not met
D -	CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):	
	Carcinogenicity:	Based on the available data, the classification criteria are not met
	Mutagenic effects	Based on the available data, the classification criteria are not met
	Reproductive toxicity:	Based on the available data, the classification criteria are not met
E -	Sensitizing effects:	
	Respiratory:	Based on the available data, the classification criteria are not met
	Cutaneous:	Based on the available data, the classification criteria are not met
F -	Specific target organ toxicity (STOT) – exposure time:	
	Based on the available data, the classification criteria are not met	
G -	I Specific target organ toxicity (STOT) – repeated exposure:	
	Based on the available data, the classification criteria are not met	
H -	Hazard in case of aspiration:	
	Based on the available data, the classification criteria are not met	
	Other information:	Not applicable
	Substance-specific toxicological information:	Unavailable
Acute Toxicity Estimate (ATE mix):		
	ATE mix	Ingredient(s) of unknown toxicity
Oral	>2000 mg/kg (Calculation method)	Non-applicable
Dermal	>2000 mg/kg (Calculation method)	Non-applicable
Inhalation	>20 mg/L (Calculation method)	Non-applicable

SECTION 12 : ECOLOGICAL INFORMATION

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

12.1	Toxicity:	Unavailable
12.2	Persistence and degradability:	Unavailable
12.3	Bioaccumulative potential:	Unavailable
12.4	Mobility in soil:	Unavailable
12.5	Results of the PBT and vPvB assessment:	Product fails to meet PBT/vPvB criteria
12.6	Other adverse effects:	Not described

SECTION13 : DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

It is not possible to assign a specific code, since it depends on the use made by the user

Type of residue (Regulation (EU) No 1357/2014): Not dangerous

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-

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dangerous residue.

We do not recommend disposal down the drain. See paragraph 6.2.

Regulations related to waste management:

In accordance with the Annex to Regulation (EC) No. 1907/2006 (REACH), Community or state provisions in relation to waste management are collected.

Community legislation:

Directive 2008/98/EC, 2014/995/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

15.1 Health, safety and environmental standards and legislation specific to the substance or mixture

Substances subject to authorisation in Regulation (E) 1907/2006 (REACH):

Not applicable

Substances included in Annex XIV of REACH (authorisation list) and sunset date:

Not applicable

Regulation (EC) 1005/2009 on substances that deplete the ozone layer:

Not applicable

Article 95, REGULATION (EU) No 528/2012:

Not applicable

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products:

Not applicable

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Not applicable

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc):

Not applicable

Specific provisions on the protection of persons and the environment:

It is recommended that the information contained in this safety data sheet be used as input data in a risk assessment of local circumstances with the aim of establishing the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:

The product could be affected by sectorial legislation

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16 : OTHER INFORMATION

Legislation applicable to safety data sheets:

This safety data sheet has been developed in accordance with Annex II – Guidance for the elaboration of safety data sheets of Regulation (EC) No. 1907/2006 (COMMISSION REGULATION (EU) 2020/878)

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

COMMISSION REGULATION (EU) 2020/878.

Texts of the legislative phrases referred to in section 3:

The phrases given here do not refer to the product itself, are for explanatory purposes only and refer to the individual components that appear in section 3.

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CLP Regulation (EC) No 1272/2008:

Classification procedure:

Non applicabile

Advice related to training:

Minimum training on occupational risk prevention is recommended to personnel handling this product, in order to facilitate the understanding and interpretation of this safety data sheet, as well as product labelling.

Main sources of literature:

<http://echa.europa.eu>

<http://eur-lex.europa.eu>

Abbreviations and acronyms

- ADR	European Agreement on the International Carriage of Dangerous Goods by Road
- IMDG	International Maritime Dangerous Goods Code
-IATA	International Air Transport Association
-ICAO	International Civil Aviation Organization
-COD	Chemical oxygen demand
- BOD5	Biological oxygen demand after 5 days
-BCF	Bioconcentration factor
- DL50	Lethal dose 50
- CL50	Lethal concentration 50
- EC50	Effective concentration 50
- Log POW	Logarithm partition coefficient octanol – water
- Koc:	Partition coefficient of organic carbon

The information contained in this safety data sheet is based on sources, technical knowledge and legislation in force at European and state level, since the accuracy of the data cannot be guaranteed, this information cannot be considered as a guarantee of the properties of the product, it is simply a description relating to the safety requirements. The methodology and working conditions of the users of such a product are beyond our knowledge and control, being always the ultimate responsibility of the user to take the necessary measures to comply with the legislative requirements relating to the handling, storage, use and disposal of chemicals. The information in this safety data sheet refers only to this product, which must not be reused for purposes other than those specified.

- End of safety data sheet