

## SAFETY DATA SHEET

the information in this document applies to:

**BIO PROTECTOR FOR CHAINSAW CHAINS**

**PELENC 2/5 LITERS**

According to the REACH-EC Regulation 1907/2006 as amended or adapted including the information described in Article 2(7);

**we hereby inform that:**

**"The following are exempted from the provisions of Titles II, V and VI:**

- a) substances listed in Annex IV, as the availability of data regarding these substances allows them to be considered as being of minimal risk due to their intrinsic characteristics."

**Therefore, this product does not require the use of an SDS (Art. 31), as it is not relevant to the requirements listed in (a), (b), (c) of the above article.**

The requirements for providing an SDS are derived from Article 31 of the REACH regulation.

- a) None of the substances contained meet the criteria for classification as a dangerous substance or preparation under Directives 67/548/EEC or 1999/43/EC
- b) The contained substances are not relevant, bioaccumulative and toxic or very persistent and very bioaccumulative according to the criteria in Annex XIII.
- c) The contained substances are not included in the list established in accordance with Article 59(1) for reasons other than (a) and (b).

Information related to items a, b, c, d, (Art. 32)

- a) not available  
b) not available  
c) not available  
d) not available

**PRODUCT IDENTIFIER:** PELENC Bio protector obtained by chemical refining, degummed, through de-acidification and following decolorization and deodorization, consisting mainly of glycerides of linolenic, linoleic, oleic, palmitic and stearic fatty acids.

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### NOTES ON CHEMICAL AND PHYSICAL PROPERTIES

Solubility in water	Insoluble
Solubility in organic solvents	Soluble
Physical State	Liquid
Color	Clear
Odor	Slightly perceptible (characteristic of the oleic matrix)
Partition coefficient (n-octanol/water)	N.A.
pH	N.A.
Boiling point (760 Hg)	N.A.
Flash point	>230 °C
Explosive Properties	N.A.
Vapor pressure	N.A.
Apparent density (20°C)	0.919 - 0.925 g/cm <sup>3</sup>
Vapor density	N.A.
Notes	

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### NOTES FOR TRANSPORTATION AND ACCIDENTAL SPILLAGE

Transportation of the product is not subject to the requirements of the current version of the A.D.R. 2015 Agreement. UN number: Unimportant

Transport-related hazard class: Exempt

Packaging group: Not required

The product is fully biodegradable but in the event of accidental spillage, due to its low viscosity, it could temporarily inhibit the environment and watercourses. Because of the strong hydrophobic character, it is therefore possible to remove and isolate accidental spillage of the product by covering leaks with absorbent material, removing the residue with water jets. For spills in water: remove the material from the surface with suitable absorbent material. If legally permitted, the product may be sunk and/or dispersed with suitable substances in open waters.

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### FIRE-FIGHTING MEASURES

Closed containers exposed to the heat of the fire can generate smoke and overpressure. CO<sub>2</sub> extinguishing media, alcohol-resistant foam, water may not be effective in extinguishing the fire, however it should be used to cool containers exposed to flame and prevent combustion, bursts and explosions.

For leaks and spills that have not ignited, water spray can be used to disperse flammable vapors and protect people engaged in stopping the leak.

Equipment: wear full equipment with visor helmet and neck protection, pressure or demand self-contained breathing apparatus (MSHA/NIOSH approved or equivalent), fireproof jacket and pants, with bands around arms, legs and waist.

Specific protective means: No special measures are required.

### DIRECTIONS FOR FIRST AID, HANDLING AND STORAGE

No reports of injury to personnel using the product are known. However in case of need, the following general measures are recommended:

Eyes: wash immediately and thoroughly with water for at least 15 minutes. Seek immediate medical advice.

Skin: wash immediately and thoroughly with water. Remove contaminated clothing. If irritation persists, seek medical advice. Wash contaminated clothing before using it.

Inhalation: take the subject to fresh air. If breathing is difficult seek medical advice immediately.

Ingestion: seek medical advice immediately. Induce vomiting only on doctor's orders. Do not administer anything orally if the subject is unconscious and unless authorized by the doctor.

No special precautions need to be taken for normal use.

Precautionary measures: Properly ventilate the rooms where the product is stored and/or handled.

Exposure limit values: contains no substances subject to environmental limit in the workplace.

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To possibly contain exposure, adopt individual means of protection appropriate for the specific work, such as, for example, mask suitable for the nature of the product, goggles, gloves and overalls.

Do not eat, drink, smoke while in use; wash hands thoroughly with soap and water before meals and after work shift.

Store in a cool and well-ventilated place, keep storage containers closed when the product is not in use.

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