

Commercial Name	Ephyshield
INCI name	Ethyl linoleate & Helianthus annuus seed oil & Canarium luzonicum gum nonvolatiles

I – IDENTIFICATION OF SUBSTANCE AND OF THE COMPANY

1.1 Product identifier:

INCI NAME: Ethyl linoleate & Helianthus annuus seed oil & Canarium luzonicum gum nonvolatiles

N° CAS: 544-35-4 & 84776-03-4 & 8023-89-0

N° EINECS: 208-868-4 & 232-273-9 & /

Reach Status: EXEMPTION

Referring to Commission Regulation (EC) N° 987/2008 of 8 october 2008 Amending Regulation (EC) N° 1907/2006 & Amending Regulation (EC) N° 143/2011 of 17 februar 2011 of the European Parliament and of the council on the Registration, Evaluation, Authorisation and restriction of chemicals (REACH) as regards Annexes IV and V

Trade name: Ephyshield

1.2 Relevant identified uses of the substance and uses advised against:

Identified uses: Oily film forming agent

Uses advised against: Not available

1.3 Details of the supplier of the safety data sheet:

Address: EPHYLA SAS

18 PA de l'Estuaire , 56190 Arzal, France

Telephone: +(33) (0)633560553

E-mail: contact@ephyla3.com

1.4 Emergency telephone Number:

+33(0) 2 97 44 61 40 (available from 9 am to 6 pm)

+33(0) 1 45 42 59 59 ORFILA (INRS)

II– HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Hazard classification and indication: No classification

2.2 Label elements:

Labelling according Regulation (EC) N°1272/2008[CLP]

Hazard Pictogram: hazard symbol or symbols not applicable.

Signal word: no signal word.

Hazard statement: no hazard statement

Precautionary statement:

P402 Store in a dry place
P403 Store in a well-ventilated place
P262 Do not get in eyes

III- COMPOSITION /INFORMATION ON INGREDIENTS**3.1 Classification of the substance or mixture:**

INCI NAME: Ethyl linoleate & Helianthus annuus seed oil & Canarium luzonicum gum non volatiles
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3.2 Nature and decomposition of the mixture and origin:

Vegetal / Ethyl linoleate 50% (France)
Vegetal / Helianthus annuus seed oil 35-38.5% (Europe)
Vegetal / Canarium luzonicum gum nonvolatiles 11.5-15% (French Guiana /Philippine)

IV – FIRST AID MESURES**4.1 Description of first aid measures:**

After eye contact: Rinse opened eye for several minutes under water or neutral saline solution for at least 15 minutes. Seek medical attention.
After skin contact: Take off immediately all contaminated clothing, and wash immediately with plenty of water, and with soap. If skin irritation persists seek medical attention.
After inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration
After ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water

4.2 Most important symptoms and effects, both acute and delayed:

No known significant effects or critical hazards.

V – FIRE FIGHTING MEASURES**5.1 Extinguishing media**

Suitable extinguishing media: Dry Chemical, Carbon Dioxide, Foam
Unsuitable extinguishing media: water

5.2 Special hazards arising from the substance or mixture:

Strong Bases

5.3 Advice for firefighters:

Firefighters should wear full protective equipment and NIOSH approved self-contained breathing apparatus. Vapours may travel back to ignition source. Closed containers exposed to heat may explode. On extreme long heating at high temperature gaseous components occur.

VI – ACCIDENTAL RELEASE MESURES**6.1 Personal precautions, protective equipment and emergency procedures**

For personal protection see section VIII.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section XIII.

VII – HANDLING AND STORAGE**7.1 Precautions for safe handling**

Provide appropriate exhaust ventilation. Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

VIII – EXPOSURE CONTROLS AND PERSONAL PROTECTION**8.1 Control parameters****Components with workplace control parameters****8.2 Exposure controls****Appropriate engineering controls**

General industrial hygiene practice.

Personal protective equipment:**Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique

(without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Do not let product enter drains

IX – PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Form:	liquid
Color:	yellow to brown
Odor:	characteristic
pH Value:	no data available)
Flash point:	> 218°C
Flammability:	no data available
Autoinflammability:	no data available
Explosive properties:	no data available
Vapour Pressure (Ethanol):	no data available
Solubility – Water :	insoluble
Solubility – Oil :	soluble

X – STABILITY AND REACTIVITY

10.1 Reactivity:	no data available
10.2 Chemical stability:	stable under recommended storage conditions.
10.3 Possibility of hazardous reactions:	no data available
10.4 Conditions to avoid:	no data available
10.5 Incompatible:	bases, oxidising agents, reducing agents

XI – TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity:	no toxic effect known
Primary irritant effect on the skin:	ongoing
Primary irritant effect on the eye:	ongoing
Carcinogenicity:	no component of this product present at levels greater than or equal to 0,1% is identified as probable, possible or confirmed human carcinogen by IARC

XII – ECOLOGICAL INFORMATION

No data available

XIII – DISPOSAL CONSIDERATION

No data available.

XIV – CONSIDERATIONS LINKED TO TRANSPORT

14.1 UN number

ADR/RID: -- IMDG: -- IATA: --

14.2 UN proper shipping name

ADR/RID: not dangerous goods

IMDG: not dangerous goods

IATA: not dangerous goods

14.3 Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

14.4 Packaging group

ADR/RID: - IMDG: - IATA: -

14.5 Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

14.6 Special precaution

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XV – REGULATIONS

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

no data available

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

XVI – OTHER INFORMATIONS**Source of Information:**

1. Chemical safety data sheets Volume 1 – Royal Society of Chemistry Information Services
2. Hazardous Chemicals Data Book, Environmental Health Review N° 4 Edited by G. Weiss
3. Canadian Centre for Occupational Health and Safety. Record N° 516022

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