

**SAFETY DATA SHEET**

Eden Shield NET

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Date of issue: 22/05/2016

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Version no.: 2

**Complying with 1907/2006/EEC Regulation of 18 December 2006 ("REACH Regulation")****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Product name: Eden Shield NET

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Common Uses: Agro-technical.

**1.3 Details of the supplier of the safety data sheet**

Eden Shield Ltd.  
High Tech Village , Givat Ram, Hebrew University,  
P.O.B. 39266, Jerusalem 9139102, Israel  
Phone: 972-2-5814476

E-mail address of person responsible for this SDS: [info@eden-shield.com](mailto:info@eden-shield.com)**1.4 Emergency telephone number**

Emergency telephone number (with hours of operation): 972-2-5814476

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture**

Classification in accordance to Regulation (EC) No. 1272/2008 (CLP):  
Not classified

See section 16 for the full text of the H-statements declared above.

**2.2 Label elements**

Labelling in accordance with Regulation 1272/2008 (CLP)  
Hazard pictogram(s): Not required  
Signal word: Not required  
Hazard statement(s): Not classified  
Precautionary Statement(s): Not required

**2.3 Other hazard**

Not available

**SECTION 3: Composition/information on ingredients****3.2 Mixtures:**

| Substance name                  | Identifiers                                 | %  | CLP Classification |
|---------------------------------|---|----|--------------------|
| Achillea fragrantissima extract | CAS number: N/A<br>EC number: N/A           | 10 | Not available      |
| Ethanol                         | CAS number: 64-17-5<br>EC number: 200-578-6 | 2  | Flam. Liq. 2 H225  |

See section 16 for the full text of the H-statements declared above.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in section 8.

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### SECTION 4: First aid measures

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#### **4.1 Description of first aid measures**

- Eyes contact:** In case of contact with eyes, rinse immediately with plenty of water. Get medical attention.
- Skin contact:** Not expected to cause damage. Get medical attention, if necessary.
- Inhalation:** Not expected to cause damage. If necessary, take the casualty to a well ventilated place and get medical attention.
- Ingestion:** **Do not induce vomiting.** If victim is conscious, wash mouth thoroughly with plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

#### **4.2 Most important symptoms and effects, both acute and delayed**

Main risks of the diluted product: cutaneous intolerance and mucous membranes.  
See section 11 (Toxicological information) for other symptoms and effects.

#### **4.3 Indication of any immediate medical attention and special treatment needed**

Not available

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### SECTION 5: Fire-fighting measures

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#### **5.1 Extinguishing media**

Suitable: Foam, carbon dioxide, dry powder, water fog or fine spray. Alcohol-resistant foams are preferred.

Not suitable: Direct water stream.

#### **5.2 Special hazards arising from the substance or mixture**

Slightly flammable or flammable in the presence of heat. Container may rupture from gas generation in a fire situation. Violent steam generation or eruption may occur upon application of direct water stream to hot liquids. Hazardous combustion products: acrid smoke, carbon oxides, irritating and toxic fumes. Spills of these organic materials on hot fibrous insulations may lead to lowering of the autoignition temperatures possibly resulting in spontaneous combustion.

#### **5.3 Advice for firefighters**

**Special protective equipment for fire fighters:** Wear positive pressure self-contained breathing apparatus (SCBA) and protective firefighting clothing. If protective equipment is not available or not used, fight fire from a protected location or safe distance.

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### SECTION 6: Accidental release measures

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#### **6.1 Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Avoid breathing vapors or mist. Ensure adequate ventilation. Ventilate area of spill.

#### **6.2 Environmental precautions**

Prevent entry into waterways, sewers, basements or confined areas.

#### **6.3 Methods and materials for containment and cleaning up**

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations. Wash spill area with plenty of water.

#### **6.4 Reference to other sections**

See Section 1 for emergency contact information.

**SAFETY DATA SHEET****SECTION 7: Handling and storage****7.1 Precautions for safe handling**

Avoid ingestion and contact with eyes. Wash thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice.

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove protective equipment before entering eating areas. See also section 8 for additional information measures.

**7.2 Conditions for safe storage, including any incompatibilities**

**Storage:** Keep away from direct sunlight and source of heat. Keep away from sources of ignition. Store in a tightly closed container in a dry, cool and well-ventilated area. Do not store together with oxidizing agents. Protect from atmospheric moisture. Do not store above 25°C.

**7.3 Specific end use(s):** N/A**SECTION 8: Exposure control/personal protection****8.1 Control parameters**

| <b>Substance name</b> | <b>Occupational exposure limits</b> |
|-----------------------|-------------------------------------|
| Ethanol               | ACGIH-TLV 1000 ppm (STEL)           |

**8.2 Exposure controls****Engineering measures**

Use personal breathing apparatus whenever deemed necessary.

**Person protective measures - For pure undiluted material**

**Respiratory protection:** Use suitable respirator, if necessary.

**Hand protection:** Wear protective gloves to prevent skin exposure, if necessary.

**Eye protection:** Wear protective safety glasses, if necessary.

**Skin protection:** Wear appropriate long-sleeved clothing to minimize skin contact, if necessary.

**Environmental exposure controls:** Not available

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Appearance: Dark brown to green liquid

Odour: Typical herbal odour. Spicy.

Odour threshold: Not applicable

pH: 4.5±0.5

Melting point/Freezing point: N/A

Initial boiling point/boiling range: N/A

Flash point: N/A

Evaporation rate: N/A

Flammability: N/A

Upper/lower flammability or explosive limits: N/A

Vapor pressure: N/A

Vapor density: N/A

Relative density: 1.05±0.01 g/cm<sup>3</sup>

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Solubility(ies): Dispersible in water  
Partition coefficient Octanol/Water: N/A  
Auto-ignition temperature: Not applicable  
Decomposition temperature: N/A  
Viscosity: 74 ± 0.5 cPs  
Explosive properties: Not classified as explosive  
Oxidizing properties: None

**9.2 Other information**

N/A

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**SECTION 10: Stability and reactivity**

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**10.1 Reactivity**

Not available

**10.2 Chemical stability**

The product is stable under normal handling and storage conditions described in Section 7.

**10.3 Possibility of hazardous reactions**

Hazardous reactions are not expected, under normal conditions of storage and use. Hazardous polymerization will not occur.

**10.4 Conditions to avoid**

Excess heat, exposure to moist air or water, direct sunlight or ultraviolet sources.

**10.5 Incompatible materials**

Oxidizing agents.

**10.6 Hazardous decomposition products**Other decomposition products: not available  
In the event of fire: see section 5.

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**SECTION 11: Toxicological information**

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**11.1 Information on toxicological effects**Acute toxicity:

| Product/substance name | Test             | Species | Dose                         |
|------------------------|------------------|---------|------------------------------|
| Ethanol                | LD50, Oral       | Rat     | 7060 mg/kg                   |
|                        | LC50, Inhalation | Rat     | 124700 mg/m <sup>3</sup> /4H |

Skin corrosion/irritation: Not availableSerious eye damage/irritation: Not availableRespiratory or skin sensitization: Not availableGerm cell mutagenicity: Not availableCarcinogenicity: Not availableReproductive toxicity: Not availableSpecific target organ toxicity (single exposure): Not availableSpecific target organ toxicity (repeated exposure): Not available

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Aspiration hazard: Not available

Other effects:

The risk of oral absorption of the diluted product is negligible. The evaluation of the oral toxicity of the whole of the raw materials composing the product does not make it possible to eliminate an unspecified oral toxicity from the product in the event of accidental or voluntary absorption. The product should not be swallowed.

The risk of inhalation of the diluted product is negligible.

The risk of ocular penetration of the diluted product is negligible but remaining from an accidental origin mostly. The analysis of the formula shows that the product has a moderate irritating capacity following a fortuitous ocular penetration of the pure product. The product should not be applied to the eyes and mucous membranes.

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### SECTION 12: Ecological information

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**12.1 Toxicity**

Not available

**12.2 Persistence and Degradability**

Not available

**12.3 Bioaccumulative potential**

Not available

**12.4 Mobility in soil**

Not available

**12.5 Results of PBT and vPvB assessment**

Not available

**12.6 Other adverse effects**

Not available

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### SECTION 13: Disposal considerations

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**13.1 Waste treatment methods**

**Product**

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

**Packing**

Empty containers should be taken for local recycling, recovery or waste disposal.

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### SECTION 14: Transport information

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**14.1 Un number**

ADR/RID: -

IMDG: -

IATA: -

**14.2 Proper shipping name**

ADR/RID: Not regulated

IMDG: Not regulated

IATA: Not regulated

**SAFETY DATA SHEET****14.3 Transport hazard class(es)**ADR/RID: -IMDG: -IATA: -**14.4 Packing group**ADR/RID: -IMDG: -IATA: -**14.5 Environmental hazard**

Marine Pollutant: N/A

**14.6 Special precautions for user**

Not available

**14.7 Transport to bulk according to Annex II of MARPOL 79/78 and the IBC Code**

Not available

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**SECTION 15: Regulatory information**

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This SDS complies with the following requirements of:  
EU Regulation (EC) No.1907/2006 (REACH) including amendments  
Regulation (EC) No.1272/2008 (CLP)

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

Not available

**15.2 Chemical safety assessment**

Not available

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**SECTION 16: Other information**

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**Full text of Hazards Statements referred to in section 3:**

Flam. Liq.- Flammable liquid

H225: Highly flammable liquid and vapour.

Training advice: Before using/handling the product one must read carefully present SDS.Key Legend Information:

CAS - Chemical Abstract Service

ACGIH - American Conference of Governmental Industrial Hygienists

OSHA - Occupational Safety and Health Administration

NTP - National Toxicology program

IARC - International Agency for Research on Cancer

N/A - Not available

H - statements- Hazard statements

TLV - Threshold Limit Value

TWA - Time-weighted average

STEL - Short-Term Exposure Limit

CSA - Chemical safety assessment



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