

# Material Safety Data Sheet

(according to 1907/2006/EC)



## ADDIT

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### 1 IDENTIFICATION OF SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

- **Product details**
- **Trade name:** ADDIT
- **Application of the preparation:** A vegetable oil that acts as a spreading, wetting and sticking agent
- **Supplier:** Koppert B.V.  
Veilingweg 17  
2651 BE Berkel en Rodenrijs
- **Telephone:** +31 (0)10-5140444
- **Fax:** +31 (0)10-5115203
- **E-mail:** info@koppert.nl
- **Website:** www.koppert.com
- **Anti poisoning Centre Emergency info:** +31 (0)30-2748888  
(Only for use by a Doctor in obtaining information by accidental poisoning)

### 2 HAZARDS IDENTIFICATION

- **Hazard designation:** Non since it contains food grade vegetable oil
- **Information pertaining to particular danger for man and environment:** non
- **Classification system:** The classification is according to 67/548/EC, 99/45/EC, 2001/58/EC.
- **Additional information:** -

### 3 COMPOSITION / INFORMATION ON INGREDIENTS

- **Active ingredients:**  
Food grade rape seed oil CAS 8002-13-9 82.5%
- **Other ingredients:**  
Polyether trisiloxaan CAS 134180-76-0 > 1% (R20/21, R36, R51/53)

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### 4 FIRST AID MEASURES

- **Symptoms / effects:** Exposure to product does not cause any acute symptoms.
- **Inhalation:** Move person to fresh air and keep warm.
- **Skin contact:** Rinse thoroughly with water and soap. Take off contaminated clothing.
- **Eye contact:** Rinse opened eye for several minutes (~15 minutes) under running water. If symptoms persist, consult doctor.
- **Ingestion:** Rinse mouth with water. Do not drink water or any other liquid. Do not induce vomiting. Seek medical advice immediately.

### 5 FIRE FIGHTING MEASURES

- **Special exposure hazards:** CO, CO<sub>2</sub>, SiO<sub>2</sub> can be released at fire
- **Suitable extinguishing agents:** CO<sub>2</sub>, dry chemical powder, foam or water spray.
- **Unsuitable extinguishing agents:** None.
- **Protective equipment:** Wear appropriate protective equipment, eye protection and self-contained breathing apparatus.

### 6 ACCIDENTAL RELEASE MEASURES

- **Person-related safety precautions:** For personal precautions see chapter 8.
- **Measures for environmental protection:** Avoid contamination of soil and water. Avoid leakage to the sewer system. Collect as much as possible in a clean container for disposal.
- **Measures for cleaning/ collecting:** Absorb material in sand or earth absorbent. Sweep up and place in container. Use as waste material. Clean the contaminated place
- **Additional information:** Local authorities must be warned in case leakage can not be controlled. Take into account the local legislation. See also section 13.

### 7 HANDLING AND STORAGE

- **Handling:** Avoid formation of aerosols or vapours during processing and use. Do not eat or drink during use. Avoid skin- and eye contact
- **Information about protection against explosions and fires:** No specific recommendations. The product is not combustible.
- **Storage:** Normal storage for liquid substances. Store in secure package at room temperature. Keep away of direct sunlight

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### 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

- **Exposure limits:** None established. Because of the lack of occupational exposure limits, the following is recommended
- **Personal protection:**
  - ❖ **Respiratory** Wear mask in case of aerosol or vapour formulation, preferably a filter mask with filter type P2.
  - ❖ **Hand** Wear safety gloves (neoprene, PVC)
  - ❖ **Eyes** Wear closed eye protection.
  - ❖ **Skin and body:** Wear protective clothing. The usual precautions for handling chemicals should be considered.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance, colour, odour** A limpid, homogeneous yellowish oily liquid with perceptible odour
- **Boiling point** 411.5°C
- **Flash point** > 250 °C (based on vegetable oil)
- **Auto-ignition temperature** > 285 °C (based on vegetable oil)
- **Explosion properties** No explosive properties
- **Flammability** Not flammable
- **Oxidising properties** No oxidising properties
- **Density** 0.93
- **pH** 6.3
- **Viscosity** 88,3 - 100.7 mPa at 20 °C  
29.8 - 40.1 mPa at 40 °C
- **Solubility in water** Dispersible in water

### 10 STABILITY AND REACTIVITY

- **Stability:** Stable under recommended use and storage conditions.
- **Materials to avoid:** Reacts with oxidizing agents
- **Conditions to avoid:** Avoid contact with aerosols or vapours.
- **Hazardous decomposition products:** CO, CO<sub>2</sub> and SiO<sub>2</sub> could be formed.

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### 11 TOXICOLOGICAL INFORMATION

- **Basis for assessment :** Information given is based on the formulation containing rape seed oil unless different specified.
- **Acute toxicity oral:** LD<sub>50</sub> > 2000 mg/kg
- **Acute toxicity dermal:** LD<sub>50</sub> > 2000 mg/kg
- **Acute respiratory toxicity:** Not applicable
- **Skin irritation:** Not irritant
- **Eye irritation:** Not irritant
- **Skin sensitisation:** Not sensitising (M&K)
- **Chronic effects:** ADDIT contains > 80% edible food grade rape seed oil. Therefore no chronic, neither acute effects can be expected.

### 12 ECOLOGICAL INFORMATION

- **Basis for assessment:** based on food grade rape seed oil.
- **Mobility:** not applicable due to rapid degradation
- **Persistence / degradability:** biodegradable
- **Bioaccumulation:** low potential due to rapid degradation
- **Acute toxicity aquatic organisms:**
- **Algae (EbC<sub>50</sub> 72h.)** Rape seed oil (96%) 41.1 mg a.i./L
- **Daphnids (EC<sub>50</sub> 48h.)** Rape seed oil (96%) 4.5 mg a.i./L
- **Fish (LC<sub>50</sub> 96 h.)** Rape seed oil (96%) 7.48 mg a.i./L

### 13 DISPOSAL CONSIDERATIONS

- **Precautions:** Wear suitable protective clothing
- **Product disposal:** Comply with the local legislation regarding recovery or waste disposal
- **Contaminated packaging:** In case of re-use or disposal of contaminated containers, the recipient should be informed with the possible hazards of the preparation.

### 14 TRANSPORT INFORMATION

Food grade rape seed oil is not dangerous for transport according to ADR/RID (road transport), IMDG (sea transport) and IATA/ICAO (air transport)

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### **15** REGULATORY INFORMATION

- **Label name:** ADDIT
- **Symbol(s):** non
- **R(isk) phrase(s):** non
- **S(afety) phrase(s):** non

### **16** OTHER INFORMATION

This information only concerns the above mentioned product and does not need to be valid if used with other product(s) or in any process.

This document contains important information regarding a safe disposal, handling and use of this product. The information should be brought to the attention of the health / safety / environment-consultant of your organisation. The information from this document should be announced to anyone working with this product. The information is to our best present knowledge correct and complete and is given in good faith but without warranty. It remains to the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.