

# Material Safety Data Sheet

(according to 91/155 EC, amended with 2001/58/EC)



## ADDIT

Last Revision: 14/12/2007, Version 2.0

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

- **Product details**
- **Trade name:** ADDIT
- **Application of the substance / the preparation:** Adjuvant
- **Manufacturer/ supplier:** Koppert B.V.  
Veilingweg 17  
2651 BE Berkel en Rodenrijs  
Tel: +31 (0)10 514 04 44  
Fax: +31 (0)10 511 52 03
- **Emergency information:** Tel: +31 (0)10 514 04 44

### 2 COMPOSITION / DATA ON COMPONENTS

- **Components:** Mixture of vegetable oil, emulsifier and wetting agent.
- **Additional information:** The product contains a small amount of polyether trisiloxane (component of the wetting agent), CAS number 134180-76-0.

### 3 HAZARDS IDENTIFICATION

According to EC-guideline non hazardous

### 4 FIRST AID MEASURES

- **After inhalation** Move person to fresh air.
- **After skin contact** Take off contaminated clothing. Wash with soap and water.
- **After eye contact** Rinse thoroughly with plenty of water for at least 10 minutes. Seek medical advice.
- **After swallowing** Do not induce vomiting. Seek immediate medical advice at complaints.

### 5 FIRE FIGHTING MEASURES

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

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### **6** ACCIDENTAL RELEASE MEASURES

- **Person-related safety precautions:** For personal precautions see Section 8.
- **Measures for environmental protection:** Avoid contamination of soil and water. Avoid further leakage to 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.

### **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 filtermask with filtertype P2.
- **Hand:** Wear safety gloves (neoprene, PVC).
- **Eyes:** Wear closed eye protection (monogoggles).
- **Skin and body:** Wear protective clothing. The usual precautions for handling chemicals should be considered

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### **9** PHYSICAL AND CHEMICAL PROPERTIES

#### Expected data, based on separate components

- **Appearance** Liquid
- **Colour** Slightly yellow
- **Odour** Perceptible
- **Boiling point**  $411.5 \pm 2$  °C
- **Flash point** > 250 °C (based on vegetable oil)
- **Auto-ignition temperature** > 285 °C (based on vegetable oil)
- **Explosion / flammability** Not explosive
- **Density**  $0.930 \pm 0.001$
- **Solubility in water** Insoluble

### **10** STABILITY AND REACTIVITY

- **Stability:** Stable under recommended use and storage conditions.
- **Materials to avoid:** Reacts with strong oxidizing agents.
- **Conditions to avoid:** Avoid formation of aerosols or vapours.
- **Hazardous decomposition products** Not relevant.

### **11** TOXICOLOGICAL INFORMATION

- **Basis for assessment :** Information given is based on ADDIT
- **Acute toxicity oral:** LD<sub>50</sub> > 2000 mg/kg bodyweight
- **Acute toxicity dermal:** LD<sub>50</sub> > 2000 mg/kg bodyweight
- **Acute respiratory toxicity:** Not applicable
- **Skin irritation:** Not irritating to skin
- **Eye irritation:** Irritation to eyes
- **Skin sensitisation:** Not sensitising
- **Chronic effects:** Not applicable

### **12** ECOLOGICAL INFORMATION

- **Basis for assessment:** There is no eco-toxicological information specifically for this product. The data given is based on the separate components.
- **Mobility:** No data available.
- **Persistence / degradability:** Readily biodegradable.
- **Bioaccumulation:** No data available.
- **Acute toxicity aquatic organisms:** Not applicable.

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### **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

Not dangerous for transport according to ADR/RID, IMO and IATA/ICAO.

### **15** REGULATORY INFORMATION

- **Designation according to EC guidelines:** The product has been classified and labeled in accordance with EC Directives.  
Contains polyether modified trisiloxane.
- **Code letter and hazard designation of product:** Non
- **Risk phrases:** Non
- **Safety phrases:** Non
- **National regulations:** -
- **Other regulations, limitations and prohibitive regulations:** -
- **EC-NUMBERS:** EINECS exempt (polymer).

### **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.

This MSDS replaces the MSDS 02/05/2005, version 1.1.