

**Excerpt from the Producers' s  
Material Safety Data Sheet (09/2013)**

## Emery

### Regulatory information

- This substance is not classified as dangerous according to Directive 67/548/EEC.
- Hazard pictograms 
- Hazard statements: May be fatal if swallowed and enters airways.
- Precautionary Statements: If swallowed: Immediately call a poison center or doctor/physician. Do not induce vomiting.
- Water contaminating class (Germany): WGK1 Slightly water endangering

### First aid measures

- Move out of dangerous area. Show this material safety data sheet to the doctor in attendance. Do not leave the victim unattended. Material may produce a serious, potentially fatal pneumonia if swallowed or vomited.
- If inhaled: Move to fresh air. If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.
- In case of skin contact: If on skin, rinse well with water. If on clothes, remove clothes. If skin irritation persists, call a physician.
- In case of eye contact: Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
- If swallowed: Keep respiratory tract clear. Do not induce vomiting. If symptoms persist, call a physician.

### Physical and chemical properties

Name	Synfluid® PAO 4 cSt Synonyms: Polyalphaolefin, PAO
CAS-No.	PAO 4 - 1-Decene, homopolymer, hydrogenated (68037-01- 4, 500-183-1)
Molecular formulal	UVCB
Form, Physical State, Color, Odor	Liquid, Clear, Colorless, Odorless
Vapor pressure	1,70 MMHG
Flashpoint	219 °C (426 °F)
Autoignition temperature	343 °C (649 °F)
Boiling point/boiling range	414 °C (777 °F)

### Special Fire-fighting procedures

- Unsuitable extinguishing media: High volume water jet
- Wear self-contained breathing apparatus for firefighting if necessary.

### Ecological information

- Toxicity to fish: LC50: > 1.000 mg/l, Exposure time: 96 h, Species: Salmo gairdneri (Rainbow trout); LC50: > 750 mg/l, Exposure time: 96 h, Species: Pimephales promelas (fathead minnow)
- Toxicity to daphnia and other aquatic invertebrates: EC50: 190 mg/l, Exposure time: 48 h, Species: Daphnia magna (Water flea)



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### Handling and storage

- Do not breathe vapors/dust. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations.
- Keep container tightly closed in a dry and well-ventilated place. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

### Transport information

- Not regulated as a hazardous material or dangerous good for transportation

### Accidental release measures

- Personal precautions: Use personal protective equipment. Ensure adequate ventilation.
- Environmental precautions: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods for cleaning up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

### Stability and reactivity

- Chemical stability: This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

### Disposal Considerations

- Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.

### Toxicological information

- Synfluid® PAO 4 cSt, Acute oral toxicity: LD50: > 5.000 mg/kg, Species:rat
- Synfluid® PAO 4 cSt, Acute inhalation toxicity, LC50: > 5,2 mg/l, Expositionszeit: 4 h, Species: rat, Sex: male and female, Test atmosphere: dust/mist
- Synfluid® PAO 4 cSt, Acute dermal toxicity, LD50: > 2.000 mg/kg, Species: rat
- Synfluid® PAO 4 cSt, Skin irritation: No skin irritation
- Synfluid® PAO 4 cSt, Eye irritation: No eye irritation
- Sensibilisierung: Classification: Did not cause sensitization on laboratory animals.
- Synfluid® PAO 4 cSt, Aspiration toxicity: May be fatal if swallowed and enters airways. Substances known to cause human aspiration toxicity hazards or to be regarded as if they cause human aspiration toxicity hazard.

Wir sind zertifiziert nach  
DIN EN ISO 9001.



12 100 11908 TMS

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