

# SAFETY DATA SHEET

---

## *Aseol EMK 1800*

---

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

<b>Use of the Substance/Preparation</b>	Base oil
<b>Chemical characterization</b>	Polyolester with antioxydants.
<b>Product code</b>	18-212
<b>Supplier</b>	Shell Aseol AG Steigerhubelstrasse 8 CH-3000 Bern 5, Switzerland Tel. +41 (0)31 380 77 77 Fax +41 (0)31 380 78 78
<b>Emergency telephone number</b>	+41 (0)1 251 51 51 (Tox Center)
<b>Revision Date</b>	10.12.2002
<b>Number</b>	1

---

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Hazardous components</b>	None.
-----------------------------	-------

---

### 3. HAZARDS IDENTIFICATION

None.

---

### 4. FIRST AID MEASURES

<b>General advice</b>	Wash contaminated clothing before re-use.
<b>Inhalation</b>	Move to fresh air. Consult a physician after significant exposure.
<b>Skin contact</b>	Wash off with soap and plenty of water. If skin irritation persists, call a physician.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.
<b>Ingestion</b>	Do not induce vomiting without medical advice. Consult a physician if necessary.

---

## 5. FIRE-FIGHTING MEASURES

<b>Suitable extinguishing media</b>	Carbon dioxide (CO <sub>2</sub> ). Foam. Dry chemical.
<b>Extinguishing media which must not be used for safety reasons</b>	High volume water jet.
<b>Specific hazards</b>	None.
<b>Special protective equipment for firefighters</b>	Standard procedure for chemical fires.
<b>Specific methods</b>	No special measures required.

---

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Sweep up to prevent slipping hazard.
<b>Environmental precautions</b>	Advise water authority if spillage has entered water course or drainage system.
<b>Methods for cleaning up</b>	Soak up with inert absorbent material and dispose as hazardous waste.

---

## 7. HANDLING AND STORAGE

<b>Handling</b>	When using, do not eat, drink or smoke. Avoid contact with skin and eyes.
<b>Storage</b>	Keep out of reach of children. Keep locked-up. Store at room temperature in the original container. BVD-Code: F 4   Fu PN4

---

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering measures to reduce exposure</b>	Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation, especially in confined areas.
<b>Personal protection equipment</b>	
<b>Respiratory protection</b>	Not required; except in case of aerosol formation.
<b>Hand protection</b>	Protective gloves.
<b>Eye protection</b>	Avoid contact with eyes.
<b>Skin and body protection</b>	Remove and wash contaminated clothing before re-use.

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form</b>	Liquid.
<b>Colour</b>	Light yellow.
<b>Odour</b>	Characteristic.
<b>Physical and chemical properties</b>	
	Flash point 248 °C.
	Density 15°C. 970 g/l.
	Viscosity 40°C. 30.7 mm <sup>2</sup> /s.
	Viscosity 100°C. 5.7 mm <sup>2</sup> /s.
	Water solubility: insoluble.

---

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable at normal conditions.
<b>Materials to avoid</b>	None.
<b>Hazardous decomposition products</b>	None under normal use. Carbon oxides.

---

## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	LD50/oral/rat = >2000 mg/kg.
<b>Local effects</b>	May cause skin and eye irritation in susceptible persons.
<b>Long term toxicity</b>	Prolonged skin contact may cause skin irritation and/or dermatitis.
<b>Sensitization</b>	None.
<b>Further information</b>	Health injuries are not known or expected under normal use.

---

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	No information available.
<b>Mobility</b>	No information available.
<b>Persistence / degradability</b>	No information available.
<b>Bioaccumulation</b>	No information available.

---

### 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products**

Dispose of as special waste in compliance with local and national regulations. Waste-Code VVS (CH): 1480

**Contaminated packaging**

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

---

### 14. TRANSPORT INFORMATION

**Further Information**

Not classified as dangerous in the meaning of transport regulations.

---

### 15. REGULATORY INFORMATION

**Regulatory Information**

Swiss poison class: free.  
Registration no.: 617200.  
Water hazard class = 0.

**Symbol(s)**

None.

**R-phrases(s)**

None.

**S-phrases(s)**

S2: Keep out of reach of children.  
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

---

### 16. OTHER INFORMATION

**Recommended use**

For industrial application only.

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release. And is not to be considered a warranty or quality specification.