

# MATERIAL SAFETY DATA SHEET



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

Commercial Name: Binol Weld 251S  
Manufacturer name: AarhusKarlshamn Sweden AB  
address: SE-374 82 KARLSHAMN, SWEDEN  
phone no: +46 454 828 00  
fax no: +46 454 75 20 70

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Substance or Composition: Composition based on vegetable oil.  
Hazardous components: None  
Hazardous impurities: Not concerned

## 3. HAZARDS IDENTIFICATION

Health: Under intended use, the product is considered as non-toxic and safe.  
Environment: Experiments made on this and similar products indicate that the product can be considered as of low danger to the environment. However, regulations forbid the disposal of lubricants in the environment without special permit.  
Physical-chemical hazards: No particular risk of ignition or explosion.  
Specific risks: None  
The product is considered not hazardous according to the EU Dangerous Substances/Preparations Directives classification scheme (67/548/EEG, last amended by EU Directive 1999/45/EG).

## 4. FIRST AID MEASURES

Inhalation: Not concerned.  
Skin contact: Wash with detergent and water.  
Eye splashes: Flush with generous amounts of temperate water for a minimum of 10minutes. Seek medical help if the problems remain.  
Ingestion: Drink water or milk. Do not induce vomiting.

## 5. FIRE-FIGHTING MEASURES

Extinguishing media recommended: CO<sub>2</sub>, dry powder, foam.  
not recommended: Water in a jet.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: None necessary.  
Environment protection: Avoid pollution of sewers and water.  
Cleaning means: Removal with inert absorbent or sand.

## 7. HANDLING AND STORAGE

### Handling

Personal protection: Avoid prolonged and repeated contact with skin. Remove

# MATERIAL SAFETY DATA SHEET



soaked clothes.

## Storage

**Recommended conditions:** Storage temperature  $\pm 0$  °C to +40 °C. Store in closed container, preferably as delivered.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Technical measures:** Exposure should be minimised preferably with technical measures rather than personal protective equipment.

### Personal protective equipment

**Respiratory protection:** Not necessary in normal use.

**Hand protection:** Impermeable gloves recommended (e.g. PVC or rubber gloves).

**Eye protection:** Safety goggles recommended.

**Others:** Not necessary.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Oil  
**Viscosity (40°C):** 12 mm<sup>2</sup>/s (cSt)  
**Viscosity (20°C):** 23 mm<sup>2</sup>/s (cSt)  
**Colour:** Yellow  
**Odour:** Vegetable oil related  
**pH value:** Not applicable  
**Pourability:** -11 °C  
**Auto ignition temperature:** Not concerned  
**Explosion range:** Not concerned  
**Vapour pressure:** Negligible under normal conditions  
**Density (20°C):** 892 kg/m<sup>3</sup>  
**Solubility in water:** Insoluble  
**Solubility in organic solvents:** Soluble

## 10. STABILITY AND REACTIVITY

**Stability:** Stable product under ordinary conditions.  
**Hazardous reactions:** None known.  
**Conditions to be avoided:** Elevated temperatures (>100°C), acids and strong oxidizing agents.  
**Hazardous decomposition products:** None known.

## 11. TOXICOLOGICAL INFORMATION

**Acute oral toxicity (OECD 401):** LD<sub>50</sub> rat >5000 mg/kg, i.e. not toxic  
**Skin irritation (OECD 404):** Not irritating (rabbit)  
**Mutagenesis (Ames test):** Not mutagen

## 12. ECOLOGICAL INFORMATION

**Fish toxicity (OECD 203, 48h):** LC<sub>50</sub> > 100 mg/l  
**Biodegradability:** The product is readily biodegradable according to CEC L-33-A-93 (>80 % in 21 days).

# MATERIAL SAFETY DATA SHEET



## 13. DISPOSAL CONSIDERATIONS

Used product: As per existing regulations.  
Used packaging: As per existing regulations.

## 14. TRANSPORT INFORMATION

The product is not classified as dangerous goods.

## 15. REGULATORY INFORMATION

Symbols: None  
Risk phrases: None  
Safety phrases: None

No labelling required according to EU Regulations.

## 16. OTHER INFORMATION