

MATERIAL SAFETY DATA SHEET



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

Commercial Name: Binol Proc 32
Manufacturer name: AarhusKarlshamn Sweden AB
address: SE-374 82 KARLSHAMN, SWEDEN
phone no: +46 454 828 00
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Substance or Composition: Vegetable oil
Hazardous components: None
Hazardous impurities: Not concerned

3. HAZARDS IDENTIFICATION

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: CO₂, 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 soaked clothes.

Storage

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

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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):	36 mm ² /s (cSt)
Viscosity (100°C):	8 mm ² /s (cSt)
Viscosityindex:	220
Colour:	Yellow
Odour:	Vegetable oil related
pH value:	Not applicable
Flash point:	>215 °C
Pourability:	-16 °C
Auto ignition temperature:	Not concerned
Explosion range:	Not concerned
Vapour pressure:	Negligible under normal conditions
Density (20°C):	910 kg/m ³
Density (15°C):	923 kg/m ³
Solubility in water:	Insoluble

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 ₅₀ rat >5000 mg/kg, i.e. not toxic
Acute dermal toxicity (OECD 402):	LD ₅₀ rat >4000 mg/kg, i.e. not toxic
Skin irritation (OECD 404):	Not irritating (rabbit)
Eye irritation (OECD 405):	Not irritating (rabbit)
Mutagenesis (Ames test):	Not mutagen

12. ECOLOGICAL INFORMATION

Biodegradability:	The product is readily biodegradable according to the modified Sturm test, OECD 301 B (>75 % in 28 days) as well as CEC L-33-A-93 (>95 % after 21 days).
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13. DISPOSAL CONSIDERATIONS

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

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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