



DESCRIPTION

SAMNOS AL is a lubricant specially developed for the machining of ALUMINIUM, which is optimised for minimum quantity lubrication.

APPLICATION

Due to the special cooling properties of the fluid, SAMNOS AL is used for machining operations on ALUMINIUM. In general, this fluid can be used for all materials. The lubricant is suitable for all common spraying devices

As this is an almost completely biodegradable liquid that does not require labelling, it is not classified as harmful from an ecological point of view. No occupational diseases have been reported to date. The SAMNOS AL speciality lubricant is free of mineral oil.

MATERIALS

- ALUMINIUM**
- High-alloy steels
- Stainless steel
- Non-ferrous metals
- Plastics

PROZESSE

- Sawing
- Dilling
- Engraving
- Rubbing
- Turning
- Milling

PROPERTIES

- Especially for aluminium processing
- No labelling required
- Mild odour
- Almost 100% biodegradable
- Universally applicable

CHEMICAL & PHYSICAL DATA

PARAMETER	VALUES
Consistency::	liquid
pH value:	approx. 7.4
Density at 20 °C:	approx. 1g/cm ³
Viscosity at 40 °C:	not determined
Flash point:	non-flammable
Boiling range:	approx. 100 - 105 °C

OCCUPATIONAL SAFETY & ENVIRONMENT

Metalworking and treatment media may contain potentially hazardous substances.

Information on this can be found in the safety data sheet. Proper handling of this type of liquid is a prerequisite (see safety data sheet).

TRANSPORT & STORAGE

Storage temperature: Do not store below 10°C. At temperatures below 3°C irreversible flocculation may occur.

Shelf life: 1 year unopened in the original container under suitable conditions.

