



Safety Data Sheet

(according to 1907/2006/EC)

JKL 87

page 1 of 2
Date of Issue 30.07.09
Change state 30.07.09
Art.-No.: 1702097

1 Identification of substance

Trade name: JKL 87
Application of the substance: Dispersant for the cooling water conditioning
Item number.: 8839166, 8839167, 8839168

Manufacturer:
JUDO Wasseraufbereitung GmbH
Hohreuschstr. 39 – 41, D-71364 Winnenden
Phone: 0049(0)7195/692-0

Technical Information: Industrial Division
E-Mail: peter.mueller@judo-eu

Emergency Information: Service phone: Munich 0049(0)89/19240

2 Composition/information on ingredients

Chemical nature: Polyacrylic acid, modified

3 Possible Hazards

None

4 First Aid Measures

General advice: Remove contaminated clothing
Eye contact: Wash with plenty of water for at least 15 minutes and seek medical advice
Skin contact: Wash with soap and water
Ingestion: Drink large quantities of water

5 Fire Fighting Measures

Extinguishing agents: Water spray, dry extinguishing media, foam, carbon dioxide

Unusual hazards: -

Personal protective equipment: Wear self-contained breathing apparatus and full protective gear. Contaminated extinguishing water must be disposed of in accordance with local regulations

6 Accidental Release Measures

Personal protection: Appropriate protective equipment must be worn when handling a spill of this material (see section 8: Exposure controls/personal protection, for recommendations). If exposed to material during clean-up operations, (see section 4: First Aid Measures for actions to follow).

Procedures: Keep spectators away. Floor may be slippery, use care to avoid falling. Contain spills immediately with inert material (e.g. sand, earth). Transfer liquids and solid diking material to separate suitable containers for recovery or disposal. Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

7 Handling and Storage

Handling: No special measures necessary
Storage: No special measures necessary

8 Exposure Control/Personal Protection

Exposure limit information: CAS-no. -, Name: MAK value (mg/m³)

Respiratory Protection: A respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.



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page 2 of 2
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Eye protection: Use chemical splash goggles (ANSI Z87.1 or approved equivalent).

Hand protection: The glove(s) below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection: Neoprene

9 Physical and Chemical Properties

General information:

State:	liquid
Colour:	yellowish
Smell:	characteristic
Solidification point:	appr. -5 °C
Boiling point:	> 100 °C
Vapor pressure:	-
Specific gravity g/cm ³ :	appr. 1,05
Solubility in water (20 °C):	soluble
pH-value (10g/l):	appr. 6 - 7
Viscosity:	appr. 100 mPa.s

10 Stability and Reactivity

Instability: This material is considered stable.

Hazardous Decomposition Products: There are no known hazardous decomposition products for this material.

11 Toxicological Information

Acute Data: LD50/oral/rat: >2000 mg/kg

Skin Irritation: Non-irritant

Eye Irritation: Non-irritant

12 Ecological Information

Elimination (biodegradability): Elimination rate >20 - 70% , OECD 303, EEC 88/302, C: moderate to eliminate.

Environmental Toxicity: Fish: LC50 (96 h). > 100 mg/l *Leuciscus idus*

13 Disposal Consideration

Procedure: Incinerate liquid and contaminated solids in accordance with local, state and federal regulations.

14 Transport Information

Not classified as hazardous good according to transport regulation

15 Regulatory Information

Labelling according to EEC Directives Symbol(s): -

National legislation/regulations

Water hazard class: 1 (VwVwS, Germany, Annex 4 of 17/05/1999)

16 Other Information

This data is based on our current knowledge. However, it does not constitute a guarantee for any specific product feature and does not establish a legally valid contractual relationship.

Department issuing SDS:

Occupational health and safety division: Mr. P. Müller