

Material Safety Data Sheet

According to EC directive 1907/2006/EC article 31

Product name:	Aka-Cool, Aka-Cool-2	Page:	1/3
Last revised date:	26-02-2008	Print date:	20-11-2003
Art.-no.:	9610-9640	Template:	1.0

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

Product name:	Aka-Cool, Aka-Cool-2		
Application:	Coolant	Container size:	1 l – 25 l
Supplier:	AKASEL ApS Vanløse Sand 2 DK-4370 St. Merløse Tel +45 57 84 05 01 Fax +45 57 84 06 01		

2. COMPOSITION/INFORMATION ON INGREDIENTS

Listing of components:

Chemical name:	CAS-No.:	%:	Hazard classification:	Notes:
Alcohol ethoxylates	-	<25	Xi, R36	-
Sodium Sulfonate	-	<10	Xi R53	-
Alcohol ethoxylates	68920-66-1	<10	Xi R38	-

3. HAZARDS IDENTIFICATION

Mix of mineral oil, emulgators and anticorrosives. No eminent hazards.

4. FIRST-AID MEASURES

Inhalation:	Supply fresh air; consult doctor in case of complaints.
Skin contact:	Remove contaminated clothes and rinse skin thoroughly with water. Seek medical advice if irritation develops. Launder clothes before reuse
Eye contact:	Immediately flush with plenty of water. Remove any contact lenses and open eyelids widely. Seek medical advice if irritation persists
Ingestion:	Rinse mouth, give water to drink. Seek doctor if symptoms persist.

5. FIRE-FIGHTING MEASURES

Extinguishing media:	Use sand, carbon dioxide or powdered extinguishing agent. Not water.
Specific hazards:	Sulphur dioxide, Carbon monoxide
Protective equipment:	Respiratory protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal	Avoid contact with skin and eyes. For personal protection, see point 8.
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precautions:

Environmental Do not discharge into drains, water courses or onto the ground.

precautions:

Methods for cleaning up: Absorb spillage with non-combustible, absorbing material e.g. vermiculite.

7. HANDLING AND STORAGE

Safe handling advice: Avoid contact with skin and eyes.

Technical measures for safe storage: No special precautions.

Storage conditions: Store in closed containers at ambient temperature. 5-35°C is recommended

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory equipment: No specific recommendations.

Hand protection: Wear nitrile rubber gloves. Avoid long term contact with skin.

Eye protection: Wear eye/face shield.

Skin protection: Wear protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Dark yellow liquid.

Odour: Oil like.

pH: 9.1 (5 % in water)

Boiling point: 100 °C.

Flash point: not relevant.

Explosive properties: not relevant.

Relative density: .96

Solubility: fully miscible with water.

10. STABILITY AND REACTIVITY

Stability: Stable under normal temperature conditions.

Conditions/materials to avoid: Protect from frost. Avoid strong oxidisers.

Hazardous

decomposition products: Carbon monoxide and Sulphur oxides

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11. TOXICOLOGICAL INFORMATION

Skin contact: Slightly irritating to skin but not sufficient for classification. Prolonged contact may defat skin and cause dermatitis.

Eye contact: Slightly irritating to eyes. Low reversible irritation

Ingestion: May irritate.

Additional toxicological information:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12. ECOLOGICAL INFORMATION

Water hazard class 1: Slightly hazardous for water. Do not allow product to reach ground water, water ways and sewage system.

13. DISPOSAL CONSIDERATIONS

Dispose of waste and residues according to agreement with local authorities.

14. TRANSPORT INFORMATION

Not classified as dangerous in any mode of transportation

15. REGULATORY INFORMATION

Labelling: none

16. OTHER INFORMATION

The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.