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Alpacon 009

1. Identification of the substance/preparation and of the company/undertaking

Trade Name:	Supplier:
Alpacon 009	ALFA LAVAL AB
	Hans Stahles väg
Product Type:	S-147 80 Tumba
Emulsion breaker	Sweden
	Tel: +46 8 530 650 00

e-mail: sds.question@alfalaval.com

Emergency number: +46 8 33 70 43 open 24 h

2. Hazard identification

The surfactant might cause serious damage to eyes and may cause long-term adverse effects in the aquatic environment

If the product is used as recommended the surfactants will be soluble in oil and therefore they will be excluded in the water- phase.

3. Composition/information on the ingredients

Hazardous ingredients	Weight-%	CAS No	EC No	Classification	Risk Phrases
Polymer	5 – 15	-	-	None	
Surfactants	5 – 10	68989-03-7	-	Xi, N	R41, 51/53

See section 16 for explanations to R-phrases.

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4. First –aid measures

First aid – Inhalation	Move to fresh air.
First aid – Skin contact	Wash off with plenty of water.
First aid – Eye contact	Rinse immediately with tepid water for several minutes. Proceed the rinse during transport to hospital. Obtain medical attention.
First aid – Ingestion	Rinse mouth and drink at least 1-2 glasses of water. Do not induce vomiting. Obtain medical attention.

5. Fire- fighting measures

Extinguishing media	All extinguishing media are suitable.
Special hazards of product	The product is not flammable. In case of fire the product might form hazardous gases as NOx and COx.
Protective equipment for fire fighting	Not applicable.
Fire –fight	If the fire is extinguished with water environmental dangerous substances might be entering the environment.

6. Accidental release measures

Personal precautions	Wear suitable goggles and gloves.
Environmental precautions	Prevent spills from reaching sewage, wells and watercourses.
Spillage	Absorb spills with sand, earth or other inert material. Collect and remove for destruction.
Large spillage	Contact local authority

7. Handling and storage

Handling	Do not mix with other chemicals. Use recommended personal protection according to section 8.
Storage	Store in a closed container.

8. Exposure control / personal protection

Respiratory protection	Appropriate ventilation. Provide facilities for rinsing eyes.
Skin protection	Protective gloves of nitrile.
Eye protection	Safety goggles.
Ingestion	Do not eat or drink during use. Wash hands before eating.

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9. Physical and chemical properties

Physical state	Clear liquid.
Colour	Slightly yellow.
Odour	Weak smell.
Density at 20 °C (g/ml)	1.025± 0.005.
pH (as is) at 20 °C	7-9
°brix	17.8±0.6.
Viscosity at 25 °C (SP01/20 rpm) (cP)	1368±130.
Cloud point during heating (°C)	50°C.
Flash point	>100 ° C

10. Stability and reactivity

Stability	The product is stable under normal conditions, but it decomposes at high temperatures.
Conditions to avoid	Extreme heat
Materials to avoid	None known
Hazardous decomposition products	None known if the product is handled as recommended. In case of fire the product might form hazardous gases as NOx and COx.

11. Toxicological information

Skin	At prolonged or frequently use of the product blush might occur.
Eyes	The product might cause serious damage to eyes.
Consumption	Low acute toxicity . Might be irritating to mucous membrane.
LD50 oral rat	4500mg/kg
Skin irritation test rabbit	Slightly irritating
Eye irritation test rabbit	Strongly irritating
Sensibilisation	Not allergenic
Gen toxicity	Not mutagenic

12. Ecological information

LC50 96h (fish)	>100mg/l
NOEC 96 h (fish)	> 100mg/l
EC50 48h (Daphnia magna)	> 100mg/l

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NOEC 48 h (Daphnia magna)	> 100 mg/l
Degradation	No readily biodegradable

13. Disposal considerations

Disposal of product:	State and local disposal regulations may differ from federal disposal regulations. Always dispose in accordance with federal, state and local requirements.
Disposal of containers:	Containers should be reused or disposed of by landfill or incineration as appropriate.

14. Transport information

Not classified as a hazardous substance according to transport regulations.

15. Regulatory information

Label Symbol(s): Xi



Irritant

Risk Phrases:	R36 Irritating to eyes. R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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Safety Phrases:	S39 Wear eye/ face protection.
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16. Other information

Explanations to R-phrases in section 2	R41 Risk of serious damage to eyes. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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See also product label for product applications.

Important changes have been made in section: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 and 15.

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