



Document number 1796302-ENG-06	First issued 1998-08-31	Revised date 2008-05-07	Revision 05	Issued by Jeanette Hasseson	Page 1 of 5
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Alpacon 302

1. Identification of the Substance/Preparation and Company/Undertaking

Trade Name:	Supplier:
ALPACON 302	Alfa Laval Tumba AB Hans Stahles väg
Product Type:	SE-147 80 Tumba
Oily water coagulant / flocculent	Sweden
	Tel: +46 8 5306 5000
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e-mail:	sds.question@alfalaval.com
	Emergency number: +46 8 33 70 43

2. Hazards Identification

The product contains aluminium sulphate. Aerosols of aluminium sulphate may cause serious damage to eyes.
The product may cause serious damage to aquatic organism.

3. Composition/Information on ingredients

Components	Weight-%	EC No	CAS No	Symbol	EEC-classification
Aluminium Sulphate	<20	233-135-0	10043-01-3	Xi	R41
Polyelectrolyte	2	-	-	Xi	R36

See section 16 for explanations of R-phrases.

4. First Aid Measures

First aid – Eyes	Rinse immediately with plenty of tepid water for several minutes. Seek medical advice.
First aid – Skin	Remove contaminated cloth. Wash off with plenty of soap and water.
First aid – Ingestion	Drink plenty of water. Do not induce vomiting. Seek medical attention.
First aid – Inhalation	Move to fresh air. Seek medical attention if you feel unwell.

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5. Fire-Fighting Measurements

Extinguishing media	All extinguishing media are suitable. The product itself is not combustible.
Unsuitable extinguishing media	Water jet
Special hazards of product	In case of fire, CO _x , SO _x and NO _x can be set free.
Protective equipment for fire fighting	Use chemical protection suit, suitable gloves, boots and self contained breathing apparatus.
Exposure hazards	Do not release contaminated water into drains, soil or surface water. Dispose contaminated water and soil according to local regulations.

6. Accidental Release Measures

Personal precautions	See section 8. The product may cause sleepiness.
Environmental precautions	Prevent spills from reaching sewage, wells and watercourses.
Spillage – large	Absorb spills with sand, earth or other inert material. Collect and remove for destruction.
Spillage- small	Pick up and collect and remove for destruction.

7. Handling and Storage

Handling	Do not mix with other chemicals. Avoid direct contact with the product.
Storage	Store in a closed container.

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8. Exposure Controls/Personal Protection

Exposure limits

Substance	CAS nr	8h	15 min
Aluminium Sulphate	10043-01-3	1 mg/m ³	-
Polyelectrolyte inhalation dust	-	10 mg/m ³	-
Polyelectrolyte respiratory dust.	-	5 mg/m ³	-

General	Provide for good ventilation. Handle the product with good industrial hygiene.
Respiratory protection	Normal not necessary. If working at insufficient ventilation use breathing mask with dust filter P2.
Hand protection	Protective gloves.
Eye protection	Safety goggles.
Body protection	Normal work wear.

9. Physical and Chemical Properties

Physical state	Liquid
Colour	Yellow, opalescent
Odour	Weak
pH at 20 °C (68 °F)	3.1
Density at 20 °C (68 °F)	1.136 g/ml
Viscosity at 20 °C (68 °F)	2700 cP
Solubility in water	Soluble

10. Stability and Reactivity

Stability	The product is stable under normal conditions.
Hazardous decomposition products	Combustion may give SO _x , NO _x and CO _x .
Materials to avoid	Strong alkaline agents.

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11. Toxicological Information

The products toxicological effects are based on the products composition.

Eyes	May give serious damage to eyes
Sensitization	No
Carceingic	No
Mutagen/ toxic to reproduction	No
Aluminium sulphate	LD50 oral rat > 5000 mg/kg LD50 skin rabbit > 5000 mg/kg
Polyelectrolyte	LD50 oral rat > 2000 mg/kg

12. Ecological Information

The products ecological effects are based on the products composition.

Aluminium sulphate	LC50 96 h Danio rerio >1000 mg/l NOEC Danio Rerio > 1000 mg/l EC50 48 h Daphnia magna > 160 mg/l NOEC Daphnia magna > 160 mg/l
Polyelectrolyte	LC50 96 h Fish 1-10 mg/l EC50 48 h Daphnia magna 10- 100 mg/l EC50 72 h Algae 1-10 mg/l

The products pH value is low and may cause damage to aquatic organism

13. Disposal Considerations

Disposal of product:	Do not release product into drainage or surface water. 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 regulated according to RID/ADR, IMDG or ICAO-TI/IATA-DGR.

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15. Regulatory Information

Symbol(s)

Xi



Irritant

R-phrases

R41 Risk of serious damage to eyes.

S-phrases

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S39 Wear eye/face protection.

16. Other Information

See also product label for product applications.

Explanation to R-phrases

R36 Irritating to eyes.
R41 Risk of serious damage to eyes.

Changes have been made in this revision in section 1, 3, 4, 5, 6, 8, 11, 12 and 15.

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