

Safety Data Sheet



Document number First issued Revised date Revision Issued by Page
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Alpacon 009

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

Trade Name: Alpacon 009 **Supplier:** ALFA LAVAL AB
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Product Type: Emulsion breaker S-147 80 Tumba
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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

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| 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

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| 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

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

16. Other information

| | |
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| 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. |
|--|---|

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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