

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

NAME **Silicone Antifoam Emulsions** **S.D.S. No.** **S135**

Products covered by this s.d.s. Dow Corning Antifoams, 1500, 1510, 1520, DB110-A, DB310, RD, DSP * SEA5 * SEA10 * SEA20 * SEA30 * S * C 30% * Fespray A * Fespray C * Vo-foam 3340 * C Emulsion* FG-10 Emulsion* AF*

Supplied by: **Univar Ltd**

46 Peckover Street
BRADFORD
West Yorkshire
BD1 5BD

Tel: 01274 377000
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Emergency No. (Office hours): 01274 377070

2. Composition/information on ingredients.

Contains:

<u>Chemical</u>	<u>% Conc</u>	<u>Classification</u>	<u>Exposure</u>	<u>CAS</u>	<u>EINECS</u>
Polydimethylsiloxane					
DB310 and the SEA grades contain Polyethylene glycol stearyl ether	<3	Xi:R36/38		9005-00-9	

3. Hazards identification.

No significant hazards to man, some grades may cause transient irritation of eyes or mild skin irritation.

4. First Aid measures.

<u>Exposure Route</u>	<u>Symptom</u>	<u>Treatment</u>
Inhalation	Mild irritation of nose and throat.	Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete seek medical attention.
Skin Contact	Mild irritation.	Drench the skin with plenty of water. Remove contaminated clothing and wash before reuse. If large areas of the skin is damaged or if irritation persists seek medical attention.
Eye Contact	Mild transient irritation.	Irrigate thoroughly with water for at least 10 minutes. Obtain medical attention.
Ingestion	Mild discomfort.	Wash out mouth with water. Do not induce vomiting. If patient is conscious, give water to drink. If patient feels unwell seek medical attention.

Immediate Treatment / Antidote: Symptomatic treatment.

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5. Fire Fighting measures.

Suitable Extinguishers: Extinguisher suitable to fire conditions

Hazardous Combustion Products: Silica, Carbon Dioxide, Formaldehyde.

Special Equipment for Fire Fighting: Self contained breathing apparatus.

6. Accidental Release measures.

Safety Precautions: Wear appropriate PPE - See section 8

Environmental Precautions: Prevent entry into drains and water courses.

Clean up Procedure: Soak up with inert absorbent and hold in closed containers for waste disposal.

7. Handling & Storage.

Handling

Ventilation: General ventilation

Recommended procedures & equipment: Avoid contact with eyes. Avoid prolonged or repeated skin contact.

Storage

Temperature range: 5 - 50°C

Keep away from: See section 10

Suitable storage Media: Store in original containers.

8. Exposure Controls/personal protection.

Protective Measures

Respiratory: Type approved RPE for mists if required.

Hand: Rubber or plastic gloves

Eye: Goggles

Skin: Overalls

Hygiene Measures: Always wash thoroughly after handling chemicals.

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9. Physical & Chemical Properties.

Appearance	White creamy liquid
Boiling Point/range	ca. 100°C
Flash point	>100°C
Relative density	1.00 - 1.05
Solubility	Dispersible in water

10. Stability & Reactivity.

Stability: Stable at storage conditions

Conditions to avoid: Protect from frost

Materials to avoid: Strong oxidizing agents

Hazardous decomposition products: See section 5

11. Toxicological Information.

Effects

Low acute toxicity, some grades are permitted food additives. Unlikely to cause irritation in normal handling and use, however prolonged or repeated contact may produce irritation. Some grades have a potential to cause contact allergy (skin sensitization). Product may cause temporary discomfort if it enters the eyes.

12. Ecological Information.

Environmental Effects

These or similar products have been shown to be non-toxic to sewage sludge bacteria.

Mobility: Dispersible in water. With time the emulsion will break, any silicone polymer may initially float, but rapidly adsorbs to particulate and sediment.

Degradation: Product degrades in soil abiotically to form smaller molecules. These in turn are either biodegraded in soil or volatilized into the air where they are broken down in the presence of sunlight.

Bioconcentration: Because of the physical size of the molecule, it is unable to pass through or be absorbed by biological membranes.

Aquatic toxicity: Water endangering classification = WGK 1

Marine Pollutant: No

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13. Disposal considerations.

Substance: Via an authorized waste disposal contractor to an approved waste disposal site.

Container: As substance. Used containers must not be cut up or punctured until completely purged of product residues.

14. Transport Information.

Not regulated for road transport.

15. Regulatory Information.

Supply label details: CHIP 3 – Not classified as hazardous.

Label Name Silicone Emulsion

Symbols }

Risk Phrases } - No mandatory risk or safety phrases

Safety Phrases }

E.C. No

Manufacturer suggests grades 1510 and 1520 are labelled with S25 (Avoid contact with eyes) whilst grades RD and DB110A are labelled with S24 (Avoid contact with skin).

Use of this material may be governed by the following regulations:-

COSHH

Users are advised to consult these regulations for further information.

The information contained in this data sheet does not constitute an assessment of workplace risks.

16. Other Information.

This material is usually used for:

Foam control

It must not be used for:

Further details may be available upon request

Legal Disclaimer:

The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith, no warranty is implied with respect to the quality or the specification of the product. The user must satisfy himself that the product is entirely suitable for his purpose.

Revision No 9 Dated: May 2006

Replaces S.D.S. Dated: July 2003

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