

**SAFETY DATA SHEET**  
SPECTROLINE ESTER ADDITIVE

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

**Product name:** SPECTROLINE ESTER ADDITIVE  
**Company name:** Advanced Engineering Limited  
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**2. COMPOSITION / INFORMATION ON INGREDIENTS**

**3. HAZARDS IDENTIFICATION**

**Main hazards:** No significant hazard.

**4. FIRST AID MEASURES (SYMPTOMS)**

**Skin contact:** There may be mild irritation at the site of contact.  
**Eye contact:** There may be irritation and redness.  
**Ingestion:** Nausea and stomach pain may occur.  
**Inhalation:** No symptoms.

**4. FIRST AID MEASURES (ACTION)**

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.  
**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.  
**Ingestion:** Do not induce vomiting. Transfer to hospital as soon as possible.  
**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. If conscious, ensure the casualty sits or lies down. If unconscious, check for breathing and apply artificial respiration if necessary. Transfer to hospital as soon as possible.

**5. FIRE-FIGHTING MEASURES**

**Extinguishing media:** Carbon dioxide. Dry chemical powder. Water fog.  
**Exposure hazards:** In combustion emits toxic fumes of carbon monoxide.  
**Protection of fire-fighters:** Wear self-contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Eliminate all sources of ignition. Turn leaking containers leak-side up to prevent the escape of liquid.  
**Environmental precautions:** Do not discharge into drains or rivers.  
**Clean-up procedures:** Absorb into dry earth or sand. Refer to section 13 of SDS for suitable method of disposal.

[cont...]

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**7. HANDLING AND STORAGE**

- Handling requirements:** Avoid the formation or spread of mists in the air.
- Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed.
- Suitable packaging:** Must only be kept in original packaging.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

- Engineering measures:** Ensure all engineering measures mentioned in section 7 of SDS are in place.
- Respiratory protection:** Respiratory protection not required.
- Hand protection:** PVC gloves. Nitrile gloves. Viton gloves.
- Eye protection:** Safety glasses.
- Skin protection:** Oil-resistant protective clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- State:** Liquid
- Colour:** Yellow-gold
- Odour:** Barely perceptible odour
- Evaporation rate:** Negligible
- Oxidising:** Non-oxidising (by EC criteria)
- Viscosity:** Oily
- VOC g/l:** L

**10. STABILITY AND REACTIVITY**

- Stability:** Stable under normal conditions.
- Conditions to avoid:** Sources of ignition. Heat.
- Materials to avoid:** Strong oxidising agents.
- Haz. decomp. products:** In combustion emits toxic fumes of carbon monoxide.

**11. TOXICOLOGICAL INFORMATION****12. ECOLOGICAL INFORMATION**

- Mobility:** Floats on water.
- Persistence and degradability:** No data available.
- Bioaccumulative potential:** No data available.
- Other adverse effects:** No data available.

**13. DISPOSAL CONSIDERATIONS**

- Disposal operations:** D10 Incineration on land.
- Disposal of packaging:** Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.
- NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**14. TRANSPORT INFORMATION**

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**ADR / RID**

**IMDG / IMO**

**IATA / ICAO**

**15. REGULATORY INFORMATION**

**Hazard symbols:** No significant hazard.

**Safety phrases:** S2: Keep out of the reach of children.

S3/7: Keep container tightly closed in a cool place.

S16: Keep away from sources of ignition - No smoking.

S37/39: Wear suitable gloves and eye / face protection.

S41: In case of fire and / or explosion do not breathe fumes.

**16. OTHER INFORMATION**

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.