

MATERIAL SAFETY DATA SHEET- WAXBREAKER GOLD

Kamco Limited

Unit 9, Curo Park, Frogmore, St Albans, AL2 2DD.

Tel: 01727 875020 Fax: 01727 875335

email: info@kamco.co.uk

1. Product name / description:

WAXBREAKER GOLD diesel fuel additive.

2. Composition / information on ingredients:

Blend of olefin-alkyl ester copolymer, organic ester, and paraffinic and aromatic solvents.

CAS nos.: 64742-52-5; 108-10-1; 8008-20-6.

3. Hazards identification:

Low hazard. Material can form flammable mixtures, or can burn on heating to temperatures at or above the flash point. Toxic gases may form on combustion.

Negligible hazard at ambient temperatures. Long over-exposure to vapour may cause headache and dizziness.

4. FIRST AID MEASURES:

Eyes: Immediately flush eyes with large amounts of water for at least 15 minutes. Seek medical attention.

Skin: Remove all contaminated clothing. Wash off with water & soap if available. Launder clothing before re-use. Dry and air contaminated footwear before re-use.

Ingestion: Wash out the mouth with water, and if thought to have been swallowed, send to hospital immediately. **DO NOT INDUCE VOMITING**. Keep at rest.

Inhalation: Remove the affected person to fresh air, and if there is any sign of respiratory distress, obtain medical attention immediately.

5. Fire fighting measures:

Procedures: Use water spray to cool surfaces exposed to the fire. If possible, shut off source of fuel to the fire. Use foam, dry chemical, or water spray to extinguish fire.

Fire precautions: Respiratory and eye protection required for fire fighting personnel.

Hazardous combustion products: Fumes, smoke, carbon dioxide, and carbon monoxide.

6. Accidental release measures:

Eliminate sources of ignition. Avoid inhaling the vapour. Absorb the spilt liquid with sand or earth, then remove to a safe place for subsequent disposal by burying or burning.

7. Handling & storage:

Keep container closed when not in use. Store under cover. Store in a cool, well ventilated place. Keep away from open flame, sources of heat and sources of ignition.

8. Exposure controls / personal protection:

Occupational exposure limit: Recommended max. 100 ppm.

Personal protection: Where contact is likely, wear solvent resistant gloves, and safety glasses with side shields to avoid splashes. Avoid prolonged or repeated contact with the skin. Avoid prolonged or repeated breathing of vapour. Use with adequate ventilation.

9. Physical & chemical properties:

- Appearance: amber liquid with characteristic ester smell.
- Density: 0.84 at 20°C.
- Solubility in water: negligible.
- pH of 1% solution: not applicable.
- Flashpoint: 65°C (PMCC).

<p>10. Stability & reactivity: Stable. Avoid strong oxidising agents.</p>
<p>11. Toxicological information: <u>Eye contact:</u> Slightly irritating, but does not injure eye tissue. <u>Skin contact:</u> Low order of toxicity. Frequent or prolonged contact may irritate. <u>Ingestion:</u> Minimal toxicity. <u>Inhalation:</u> Negligible hazard at ambient temperatures. Vapour concentrations above recommended exposure levels are irritating to the eyes and the respiratory tract, and may cause headache and dizziness.</p>
<p>12. Ecological information:</p>
<p>13. Disposal considerations: Empty drums should be taken for re-cycling, recovery, or disposal through a suitably qualified contractor. The product is not suitable for disposal by either landfill, or via municipal sewers, drains, natural streams or rivers. The product is ashless and can be burned directly in appropriate equipment.</p>
<p>14. Transport information:</p> <p>TREMCARD PRODUCT NAME: WAXBREAKER GOLD DIESEL ADDITIVE</p> <ul style="list-style-type: none"> • UN Number 1993 Flammable Liquid n.o.s. • Primary Hazard: Flammable Liquid • Class 3.3. • IMDG code page: <p>Packing Group: III</p>
<p>15. Regulatory information:</p> <p>● <u>RISK PHRASES:</u> R10 Flammable. R36/7 Irritating to eye and respiratory system. R52 Harmful to aquatic organisms. R67 Vapours may cause drowsiness and dizziness.</p> <p>● <u>SAFETY PHRASES:</u> S2 Keep out of the reach of children. S7 Keep container tightly closed. S15 Keep away from heat. S16 Keep away from sources of ignition. S25/26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37 Wear suitable gloves. S51 Use only in well ventilated areas.</p>
<p>16. Other information: This product is usually used for preventing freezing / waxing of diesel fuels at low temperatures.</p> <p>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 specification of the product. The user must satisfy himself that the product is entirely suitable for his purpose.</p>

Issue date: 03.11.08