

**OIL TECHNICS LIMITED**

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MATERIAL SAFETY DATA SHEET
PRODUCT
SOBO S Gold 08

1. DESCRIPTION / PROPERTIES (nature, reactivity):

Water soluble degreaser and cleaner concentrate containing surface active agents. pH of 8 – 9.5 as supplied. Readily biodegradable.

2. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENT	CAS NO	EINECS	% CONCENTRATION	HAZARD	RISK PHRASES	WEL
Tetra potassium pyrophosphate	7320-34-5	230-785-7	5 → 10%	X _i	R36	-
Alkyl Glucoside	-	Polymer	0 → 5%	X _i	R41	-

3. HAZARDS IDENTIFICATION**a) Fire/Explosion Hazard (stability, flammability, combustion products):**

Not classified as flammable or combustible (Material is water based).

b) Health Hazard (inhalation, ingestion, contact with skin or eyes):

Irritating to eyes. May cause irritation on prolonged or repeated skin contact. As with all surface-active chemicals, care should be taken to avoid prolonged skin contact. Oral toxicity; LD50 greater than 2000 mg/kg. The product is non-volatile and aqueous based so that inhalation risk is minimal.

c) Environmental Hazard:

Not classified as hazardous to the environment.

4. FIRST AID MEASURES

- INHALATION** - Low risk in normal usage. Remove to fresh air. Rest and keep warm.
SKIN CONTACT - Wash thoroughly with water. Remove contaminated clothing and launder before reuse.
EYE CONTACT - Irrigate with copious supply of clean water. Obtain medical attention.
INGESTION - Do not swallow, rinse mouth with water. If swallowed, drink water. Obtain prompt medical attention.

5. FIRE FIGHTING MEASURES**Suitable extinguishing media:**

Since the product is not combustible or flammable, if involved in a fire, use extinguishing media appropriate to the source of the fire.

Protection for fire fighters:

Wear self-contained breathing apparatus. Wear protective clothing.

6. ACCIDENTAL RELEASE MEASURES**Personal Precautions:**

Mark out contaminated area with signs and prevent access to unauthorised personnel.

Environmental Precautions:

Prevent discharge of large quantities to drain or water courses.

Clean up Procedures:

Disperse small spillages with large excess of water. Large spillages - contain, absorb and pick up, place in sealed containers for disposal via licensed contractor. Wash down traces with excess of water.

7. HANDLING AND STORAGE**Handling:**

Does not require any specific measures.

Storage:

May be stored for periods over six months in plastic containers as supplied.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Component Exposure Limits:**

Component Name	Concentration in preparation	8 hour exposure limit	Short term exposure limit
None applicable	-	-	-

References: EH40/2005 Workplace Exposure Limits 2005.

In normal usage of this product, respiratory protection is unlikely to be required.

Engineering Controls: Provide eyewash station

Personal Protection:

Hand: Use protective gloves made of neoprene or nitrile.

Eyes: Wear safety glasses or goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Density at 20°C	:	1.05
Vapour Pressure at 20°C	:	Essentially water vapour
Solubility in water at 20°C	:	Complete
pH Value	:	8.0 - 9.5
Flash Point	:	None measurable

10. STABILITY AND REACTIVITY

Stability: Stable.

Materials to avoid: No known adverse reactions.

Hazardous decomposition products: No typical hazardous decomposition products known.

11. TOXICOLOGICAL INFORMATION**Health Effects:**

Respiratory: Not likely to occur (material is aqueous based).

Skin: May cause irritation to the skin on prolonged or repeated contact.

Eyes: Irritating to the eyes.

Ingestion: Low acute toxicity. May cause irritation to mucous membranes in mouth, throat, stomach and intestinal canal.

Toxicological Data:

Acute toxicity: Low.

12. ECOLOGICAL INFORMATION**Ecotoxicity:****Component:** Alkyl Glucoside

<i>Algae</i>	72 hour EC50 = >150 mg/L
<i>Daphnia Magna</i>	48 hour LC50 = >450 mg/L
<i>Fish</i>	96 hour LC50 = >400 mg/L

Degradability: Readily and Ultimately biodegradable (see note below).**Bioaccumulation:** No bioaccumulation is expected. The substance is biodegradable and water-soluble.**Partition coefficient:** Log₁₀ P_{ow} < 2.0**13. DISPOSAL CONSIDERATION****Disposal Methods:**

Dispose of in accordance with local regulations and local authority requirements.

14. TRANSPORT INFORMATION

Not classified as hazardous for transportation purposes.

15. REGULATORY INFORMATION

Xi Irritant

R36, Irritating to eyes

S26, In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Regulatory Information:**Denmark**

PR-nr. 1684265

UK Regulatory References:

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.

EH40/2005: Workplace Exposure Limits 2005.

EC Directives:

Dangerous Preparations Directive (1999/45/EC).

Safety Data Sheets Directive (2001/58/EC).

Approved Code of Practice:

The Compilation of Safety Data Sheets.

16. OTHER INFORMATION**PLEASE NOTE:**

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

Signature: _____

Date: 10th June 2008