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PRODUCT SAFETY DATA SHEET

Oregon® 2 Stroke-SS2 Semi-Synthetic Two Stroke Oil

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Part Numbers – 104934 (100ml bottle), 90720 (1 Litre), 90891 (5 Litres) & 90845 (25 Litres)

1. PRODUCT AND COMPANY IDENTIFICATION

<u>Product name & No:</u>	Oregon® 2 Stroke
<u>Type:</u>	Semi-Synthetic Lubricant Containing Detergent/Dispersant/Anti-wear Additives.
<u>Application:</u>	Self mix two stroke engine lubricant.
<u>Company:</u>	Blount UK Limited Oregon® Cutting Systems Division Unit 3 Arianda Warehouses, Steinhoff Business Park, Northway Lane Ashchurch, Tewkesbury, Gloucestershire, GL20 8GY Tel: 01684 297600 – Fax: 01684 855496

2. COMPOSITION/INFORMATION ON INGREDIENTS

General Hazardous Ingredient/s Risk Phrase	Contains	% CONC
	None	
	None	

3. HAZARDS IDENTIFICATION

<u>Inhalation:</u>	Observe the oil mist limit. If the liquid is aspirated, serious respiratory tract disorders may occur.
<u>Skin:</u>	May cause de-fatting causing skin cracking which can be a source of secondary infections such as dermatitis. This risk is increased where the product has been used and contains other contaminants.
<u>Eyes:</u>	May cause irritation
<u>Ingestion:</u>	May cause nausea and laxative effect.

4. FIRST AID MEASURES

<u>Eyes:</u>	Irrigate with eye wash. See medical attention if irritation persists.
<u>Skin:</u>	Wash off with soap & water. Use skin moisturiser/barrier cream
<u>Inhalation:</u>	In liquid form-see medical attention immediately.
<u>Ingestion:</u>	DO NOT INDUCE VOMITING IN CASE OF ASPIRATION. If vomiting does occur turn to recovery position, give water to drink & seek medical attention.
<u>Pressure Injection:</u>	Always obtain immediate medical attention even though the injury may appear minor.

5. FIREFIGHTING MEASURES

<u>Flammability:</u>	Product not classified as flammable but is inherently combustible.
<u>Extinguishing Media:</u>	Use foam, power – DO NOT USE WATER JET.
<u>Flash Point (°C-pmcc)</u>	>50
<u>Products of Combustion:</u>	Fumes could include CO

6. ACCIDENTAL RELEASE MEASURES

<u>Personal precautions:</u>	Split product represents a significant slip hazard. Avoid exposure or the product to sources of ignition.
<u>Environmental precautions:</u>	Contain spillage. Do not allow into water courses.
<u>Decontamination Procedures:</u>	Remove using non-flammable absorbent medium. Large volumes should be uplifted by tanker.

7. HANDLING AND STORAGE

- Keep away from ignition source under cover, between 0°C & 25°C.
- Avoid sources of ignition.
- Keep in sealed containers, under cover.
- Bunded storage areas may be required.
- May soften certain rubbers.
- Provide suitable mechanical equipment for the safe handling of drums and heavy packages.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures: Use in well ventilated area if product misting occurs. Local exhaust may be necessary.

Personal Protection: Use barrier cream/glove, eye protection and overalls if regularly exposed. Change contaminated clothes and thoroughly clean before re-use.

Occupational Exposure Limits	Substance	8-Hour TWA	STEL	Source/Other Information
	Mineral Oil (see Oil Mist, Mineral)	5mg/m ³	10 mg/m	EH40

9. PHYSICAL AND CHEMICAL PROPERTIES

Code/Revision	REF-\\M166\-- \\Auto\H&S\SS2897.DOC	SOL. In Water	No.
Appearance	Red Liquid	Flash Point C	>50
Solubility in Organcis	Most	Odour	N/A
Evaporation Rate	N/A	Density Kg/L@15C	0.88
Vapour Density gm/L@20C	N/A	Viscosity cSt@40C	See Specific Data Sheet
Boiling Point C	>No Data	Freeze Point C	No Data
Auto Ignition Temp C	>No Data	Explosion Limits	N/A

10. STABILITY AND REACTIVITY

Stability: Stable under normal storage conditions.

11. TOXICOLOGICAL INFORMATION

The refined mineral base oils used in the formulation of this product are of a low order of toxicity in test animals. LD50 (rat) is above 10 g/kg. Although incidental contact with skin does not cause immediate irritation, prolonged and repeated contact may defat the skin and eventually cause dermatitis.

12. ECOLOGICAL INFORMATION

The base oil components are not expected to be dangerous to the aquatic environment. Not readily biodegradable.

13. DISPOSAL CONSIDERATIONS

Transport to authorised waste location, or incinerate under controlled conditions.

14. TRANSPORT INFORMATION

UN-No.: N/A
RID/ADR : (3, 32c)
IMO: 3.3
IATA/ICAO: 1993
Other:

15. REGULATORY INFORMATION

No EC exposure limit established.

EC Labelling/Classification:

Symbol(s): None

Contains:

R & S phrase(s): None

16. OTHER INFORMATION

CONCAWE report no. 5/87 "health aspects of lubricants".

Replaces sheet dated 1995-10-10

The information in this sheet has been compiled by Blount UK Limited on the basis of data available to them at the date stated above, but is not intended as an exhaustive description of the health and safety aspects of the use of the product and in particular the information takes no account of possible abnormal reactions of individuals.

Customers are responsible for the proper storage, use and handling of the product and for determining whether the product is fit for the use to which it is put. The information does not describe health and safety aspects of the products once it has been misused or mishandled or when it is mixed with any other product.

This document is in accordance with 91/155/EEC, 93/112/EC AND ISO 11014-1.