



PRODUCT SAFETY DATA SHEET

Oregon® ARBOROL

Page 1

Part Number – 104935, 104936, 104937

1. PRODUCT AND COMPANY IDENTIFICATION

<u>Product name:</u>	Oregon ARBOROL
<u>Application:</u>	Biodegradable Chain and Bar 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

<u>Hazardous ingredient(s):</u>	None
<u>Risk Phrase:</u>	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>	None
<u>Eyes:</u>	May Cause slight irritation
<u>Ingestion:</u>	May cause nausea and laxative effect

4. FIRST AID MEASURES

<u>Eye contact:</u>	Irrigate with eye wash. Seek medical attention if irritation persists.
<u>Skin contact:</u>	Wash off with soap and water.
<u>Inhalation:</u>	In Liquid form-see medical attention immediately.
<u>Ingestion:</u>	Not Applicable

5. FIREFIGHTING MEASURES

<u>Extinguishing media:Recommended:</u>	Use foam, powder.
<u>Not to be used:</u>	Water Jet
<u>Flash Point (°C/°F):</u>	>150.
<u>Flammability:</u>	Product not classified as flammable but is inherently combustible.
<u>Products of combustion:</u>	Fumes could include CO.

6. ACCIDENTAL RELEASE MEASURES

<u>Personal Precautions:</u>	Spill product represents a significant slip hazard. Avoid exposure of 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

<u>Handling:</u>	Provide suitable mechanical equipment for the safe handling of drums and heavy packages.
<u>Storage:</u>	Under cover between 0°C & 25°C. Keep in sealed containers under cover. Avoid ingress of moisture. Bonded storage areas may be required.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Exposure Controls:</u>	Use in well ventilated area.
<u>Personal Protection:</u>	Use barrier cream/glove, eye protections and overalls if regularly exposed. Change contaminated clothes and thoroughly clean before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Amber Colour
Odour	: Veg Oil
Evaporation Rate	: N/A
Density	: N/A
Flash point °C	: 180
Viscosity cST@40c	: See Specific data sheet
Density Kg/L@15c	: 0.9
Boiling Point	: >200
Freeze Point °C	: -25
Auto Ignition Temp C	: >200
Sol in water	: No
Solubility in Organcis	: Most

10. STABILITY AND REACTIVITY

<u>Stability:</u>	Stable under normal storage conditions
<u>Conditions to avoid:</u>	Temperatures above 130
<u>Materials to avoid:</u>	Strong oxidising agents
<u>Hazardous decomposition materials:</u>	Irritant fumes. Do not breath products of decomposition.

11. TOXICOLOGICAL INFORMATION

<u>Skin:</u>	Unlikely to cause harm on occasional contact
<u>Eyes:</u>	May cause transient irritation.
<u>Ingestion:</u>	May cause nausea, vomiting and diarrhoea
<u>Inhalation:</u>	Hazardous in liquid form, may cause pneumonia
<u>Chronic:</u>	None Known
<u>Other:</u>	Products which have become contaminated in use or from external sources may present more serious health effects.

12. ECOLOGICAL INFORMATION

<u>General:</u>	This product is harmless to the environment when present in small quantities like any biodegradable product care must be taken that large quantities are not concentrated in water courses because of disruption to the food chain and the ecosystem
<u>Biodegradable:</u>	>90%
<u>Chemical Oxygen Demand:</u>	Not determined

13. DISPOSAL CONSIDERATIONS

Place used and contaminated materials/packaging in suitable containers. Dispose of the controlled waste in accordance with Duty of Care regulations (Environmental Protection Act 1990 – section 34(7)) using a licensed waste disposal company.

14. TRANSPORT INFORMATION

Special Carriage Precautions: Not classified as hazardous for transport
Marine Pollutant: NO

15. REGULATORY INFORMATION

Hazard Label Data: This Product is not classified as dangerous for supply in the U.K.

Label risk Phrases: N/A

EC Directives: Framework Waste Directive, 91/156/EEC Waste Oil Directive, 87/101/EEC

Statutory Instruments: The Health & safety at work act 1974, The Consumer Protection act 1987, Environmental Protection act 1990, Control of Substances Hazardous to Health Regs 1988, Chemical (hazard information & Packaging) Regulations 1993, **Approved codes of practice.** COSHH Regulations 1988 SI1657, Control of pollution Act 1974, Environmental Protection (Duty of Care) regulations 1992 SI2839, Highly Flammable Liquids and petroleum Spirit Regulations 1972 SI 917, Carriage of Dangerous goods by road and rail Regs 1994 SI669, EH40 Occupational Exposure Limits.

16. OTHER INFORMATION

The data and advice given apply when the product is sold for the stated application. The product is not sold as suitable for any other application. Use of the product for other applications may give rise to risks not stated here. Other uses should be referred to the document originator.

If you have purchased the products for supply to a third party for use at work, it is your duty to take all necessary steps to ensure that the person/s using or handling the products is provided with the information in this sheet.

If you are an employer, it is your duty to tell your employees and others who may be effected of any of the hazards described in this sheet of any precautions which should be taken.

This M.S.D.S. has been prepared in accordance with the CHIP regulations 1993. Transport, storage, use and disposal of the material should be in accordance with the following additional legislation/publications, where applicable:

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.