

Trend Machinery & Cutting Tools Ltd.	
PAGE 1 of 6	SAFETY DATA SHEET
REVISION: 2	DRILL LUBE
	COPIED: NJM
	ISSUE DATE: 16th AUG 2004

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product Name: Cutting Fluid

Product Ref: DRILL/500

Application: Specialist aerosol cutting fluid spray for metal cutting tools.

Suppliers Trade Name: Speciality Cutting Fluid

Supplier: Wessex Chemical Factors
 9 Crane Way
 Woolsbridge Industrial Park
 Three Legged Cross
 Wimborne
 Dorset
 BH23 6FA

Tel: 0044(0) 1202 823 699
 Fax: 0044(0) 1202 813 863

Emergency Telephone: 0044(0) 1202 823699

2. COMPOSITION / INFORMATION ON INGREDIENTS

A blend containing severely refined mineral oils and specialised performance additives propelled with butane/propane propellant.

Ingredient Name	CAS No.	EINECS No.	Wt (%)	Health (Class)	Risk Phrase (R. No.)
N-BUTANE	106-97-8	203-448-7	10-30%	-	EXTREMELY FLAMMABLE
ISO-BUTANE	75-28-5	200-857-2	10-30%	-	Occupational Exposure Standard (O.E.S.) Set. Refer To Section 8 For Exposure Levels
PROPANE	74-98-6	200-827-9	10-30%	-	EXTREMELY FLAMMABLE

Trend Machinery & Cutting Tools Ltd.	
PAGE 2 of 6	SAFETY DATA SHEET
REVISION: 2	DRILL LUBE
	COPIED: NJM
	ISSUE DATE: 16th AUG 2004

3. HAZARD IDENTIFICATION

Main hazard: Product is not classed as hazardous under Chemicals (Hazard Information and Packaging) Regulations 1993, however common-sense precautions must be observed.

4.1 FIRST-AID MEASURES (SYMPTONS)

Skin contact: There may be irritation and redness at the site of contact.

Eyes contact: There may be irritation and redness at the site of contact. Corneal burns at the site may occur.

Inhalation: Exposure may cause coughing or wheezing. There may be congestion of the lungs causing severe shortness of breath. There may also be loss of consciousness.

Ingestion: Nausea and stomach pain may occur. There may be vomiting and diarrhea. There may be loss of consciousness. Convulsions may occur.

4.2 FIRST-AID MEASURES (ACTIONS)

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to the skin. Drench the effected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

Eyes contact: Rinse well with large quantities of clean water. If irritation Persists, seek medical attention.

Inhalation: Move patient to fresh air. Seek medical attention if difficult persists.

Trend Machinery & Cutting Tools Ltd.	
PAGE 3 of 6	SAFETY DATA SHEET
REVISION: 2	DRILL LUBE
	COPIED: NJM
	ISSUE DATE: 16th AUG 2004

5. FIRE-FIGHTING MEASURES

Fire fighting measures: Heating aerosol containers whether full or empty will cause pressure rise, with risk of bursting. Bursting cans can be forcibly ejected from a fire. In case of fire aerosol cans should be kept cool by using water spray. Product contains a butane-based propellant. Butane/air mixtures 1.8% to 9% are explosive.

6. ACCIDENTAL RELEASE MEASURES

Clean-up procedures: Accidental release would not normally occur with aerosols, however if a can or cans were leaking ensure good ventilation and that all sources of ignition are removed.

7. HANDLING AND STORAGE

Storage Precautions: Store away from children.
Store in a dry store in an upright position away from sources of heat including the sun.
Store away from flammable and corrosive products.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure controls: Use only according to directions.
Avoid excessive use in confined areas.
Do not use near flames, hot or incandescent material.
Never puncture or incinerate aerosol cans even when empty.

Occupational Exposure
Limit (O.E.S.):

N-BUTANE
L.T.E.L. 8 hours - 600 pm

ISO-BUTANE
S.L.T.E.L. 15 minutes - 750 pm

Trend Machinery & Cutting Tools Ltd.	
PAGE 4 of 6	SAFETY DATA SHEET
REVISION: 2	DRILL LUBE
	COPIED: NJM
	ISSUE DATE: 16th AUG 2004

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Oil.
Colour:	Clear amber.
Odour:	Low "oily odour".
Flash point:	Propellant less than -74°C.
Solubility:	Insoluble in water.
Density:	0.822kg/litre (can contents).
pH:	Not applicable.

10. STABILITY AND REACTIVITY

Conditions to avoid:	Avoid temperatures greater than 50° when aerosol cans are likely to explode to increased internal pressures.
----------------------	--

11. TOXICOLOGICAL INFORMATION

	No significant health hazard when properly used for the application it was designed for. Effects due to overexposure when:
Inhaled:	Acute exposure will cause irritation of nose and throat and may cause headache, nausea and dizziness.
Ingested:	Accidental ingestion is unlikely due to the nature of the product and packaging.
Skin:	Regular or prolonged contact may lead to skin problems such as dermatitis.
Eyes:	Product will cause irritation and redness.

Trend Machinery & Cutting Tools Ltd.	
PAGE 5 of 6	SAFETY DATA SHEET
REVISION: 2	DRILL LUBE
	COPIED: NJM
	ISSUE DATE: 16th AUG 2004

12. ECOLOGICAL INFORMATION

Ecological information: Whilst this product could not be considered biodegradable, it would not normally be expected to enter a water discharge system.

13. DISPOSAL CONSIDERATIONS

Disposal method: Dispose in licensed special waste.

14. TRANSPORT INFORMATION

Road

ADR UN No: 1950

Classification code: -

ADR class: 2

Shipping name: AEROSOLS

Rail

RID UN No: 1950

Classification code: -

Shipping name: AEROSOLS

Sea

IMDG/IMO UN No: 1950

Class: 9

Packaging group: II

Trem card No: 4

IMDG page no: 9022

Trend Machinery & Cutting Tools Ltd.	
PAGE 6 of 6	SAFETY DATA SHEET
REVISION: 2	DRILL LUBE
	COPIED: NJM
	ISSUE DATE: 16th AUG 2004

15. REGULATORY INFORMATION

Classification: Product is not classed as hazardous under CHIP Regulations.

Safety Phrases: S2: Keep out of reach of children.

Precautionary phrases: Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn after even use. Do not spray on a naked flame or any incandescent material. Keep out of reach of children.

16. OTHER INFORMATION

Note: The responsibility to ensure safe working conditions within the workplace remains with the user. The health hazard and general information contained within this Safety Data Sheet are given as a guide to the precautions required to maintain a safe work environment.

User notes: Sections revised: - 1, 9.

Information sources: Supplier's own safety data sheet, issued 01/2005, revision No.2

Revisions comments: Change in regulations.

Trend SDS ref: LEAF/HS/DRILL