

# SAFETY DATA SHEET

## 1 IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND THE COMPANY / UNDERTAKING

Name of Preparation	<b>Dormer Supercut Chlorine-free</b>
Intended Use	<b>Metalworking fluid</b>
Supplier	<b>Dormer Tools Morse Way, Waverley, Sheffield S60 5BJ</b>
Telephone:	<b>0870 850 4466</b>
Fax:	<b>0870 850 8866</b>
Revision:	02/08/2005

## 2 COMPOSITION / INFORMATION ON INGREDIENTS

General	Blend of oleate esters and lubricity additives
Hazardous Ingredients:	None present

## 3 HAZARDS IDENTIFICATION

Human Health Effects:	Dormer Supercut Chlorine-free is not classified as hazardous to health
Environmental Effects:	Dormer Supercut Chlorine-free is not classified as dangerous for the environment

## 4 FIRST-AID MEASURES

Inhalation	Remove from exposure
Skin Contact:	Wash with soap and water.
Eye Contact:	If substance has got into eyes, immediately wash out with plenty of water.
Ingestion:	Wash out mouth with water.

## 5 FIRE-FIGHTING MEASURES

Extinguishing:	In case of fire use foam, carbon dioxide or dry agent
Exposure Hazards:	None known.
Protective Equipment for fire fighting:	No special recommendations

<b>6 ACCIDENTAL RELEASE MEASURES</b>	
Personal Precautions:	Oil resistant gloves
Environmental Precautions:	Prevent entry into drains and water courses
Methods for Cleaning Up:	Soak up with inert absorbent.

<b>7 HANDLING AND STORAGE</b>	
Handling:	Avoid overheating. Provide suitable mechanical equipment for safe handling of drums and heavy packages. Avoid release of this product to the environment and clear up any spillage promptly. Prevent slip hazards.
Storage:	Maximum recommended storage temperature 40°C. Keep containers closed when not in use.

<b>8 EXPOSURE CONTROLS AND PERSONAL PROTECTION</b>	
Exposure limit values	None applicable
Personal Protective Equipment:	Wear overalls and oil resistant gloves. Remove working clothes after work

<b>9 PHYSICAL AND CHEMICAL PROPERTIES</b>	
Physical State	Liquid
Appearance	Yellow
Odour	Fatty
pH	Neutral
Boiling point/range (°C)	>100
Flash Point (°C)(PMCC)	>150
Flammability – autoignition temp. (°C)	Not determined
Explosive properties	None
Oxidising properties	None
Vapour pressure (mbar @ 20°C)	Negligible
Relative Density (@15°C)	0.92
Solubility in water	Insoluble
Solubility in fat / solvent	Soluble
Partition coefficient (log Pow)	No data available
Viscosity (mPa.s @ 40°C)	80
Vapour density	not applicable
Evaporation rate	Negligible
Melting/Solidification Point (°C)	<5

<b>10 STABILITY AND REACTIVITY</b>	
Stability:	Stable under normal conditions
Conditions to avoid:	Avoid overheating
Materials to avoid	None
Hazardous decomposition products	None known

## **11 TOXICOLOGICAL INFORMATION**

The following information is derived using the conventional method:

EC guidelines 1995/45/EC and CHIP3 Regulations 2002

### **Acute Toxicity**

-oral	No data available
-inhalation	Low volatility makes inhalation unlikely at ambient temperatures
-dermal	Unlikely to cause harm on brief or occasional contact

### **Corrosivity/Irritation**

-eye	No data available
-skin	No data available
-respiratory tract	Low volatility makes inhalation unlikely at ambient temperatures

### **Sensitisation**

-skin	No evidence of sensitisation effects
-respiratory	No evidence of sensitisation effects

### **Repeated-dose toxicity**

No data available on effects of repeated skin contact

### **Mutagenicity**

No evidence of mutagenicity

### **Carcinogenicity**

No evidence of carcinogenicity

### **Reproductive toxicity**

No evidence of reproductive toxicity

## **12 ECOLOGICAL INFORMATION**

Ecotoxicity	Not classified as dangerous for the environment
Mobility	Insoluble in water
Persistence and degradability	Readily biodegradable
Bioaccumulative potential	No data available
Other adverse effects	None known

## **13 DISPOSAL CONSIDERATIONS**

Waste Residue:	Disposal should be in accordance with local or national legislation via an authorised waste disposal contractor to an approved waste disposal site in accordance with the Hazardous Waste Regulations (see section 15)
Packaging:	Dispose of through authorised waste contractor

## **14 TRANSPORT INFORMATION**

Transport Classification	Not classified as hazardous for transport
UN Number	N/A
Hazard Class	N/A
PSN	N/A
Packing Group	N/A
Marine Pollutant	No

## 15 REGULATORY INFORMATION

EC Label:	Not classified as hazardous for supply (CHIP3 regulations)
EC Directives	Dangerous Substances Directive 67/548/EEC as amended by 1992/32/EEC; Dangerous Preparations Directive 1999/45/EC; Safety Data Sheets Directive 91/155/EEC as amended
UK Legislation	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 (CHIP3), 2005 (CHIP 3.1) The Health and Safety at Work, etc. Act 1974 The Hazardous Waste (England and Wales) Regulations 2005 (SI 2005/894); The List of Waste (England) Regulations 2005 (SI 2005/895) The Control of Substances Hazardous to Health Regulations 2002, 2004

## 16 OTHER INFORMATION

### **Further References** (HSE publications available from HSE Books)

*COSHH essentials (HSG 193)*

*COSHH Approved codes of practice and guidance (L5)*

*Working safely with metalworking fluids (HSG 231)*

*Working safely with metalworking fluids (INDG 365)*

**All sections have been amended in this revision to comply with the requirements of CHIP3 2002 and SDS ACoP L130**