

## SAFETY DATA SHEET

BCS V345

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

**Product name:** BCS V345

**Use / description of product:** Supplied as a metal working lubricant/coolant for use in suitable industrial applications only.

**Company name:** John Clayden & Partners (Lubysil) Ltd., 9, Frensham Road, Sweet Briar Industrial Estate, Norwich, Norfolk. NR3 2BT

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### 2. HAZARDS IDENTIFICATION

**Main Hazards:**

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous ingredients:**

BENZENAMINE, N-PHENYL, REACTION PRODUCTS WITH 2,4,4-TRIMETHYLPENTENE <1%

EINECS: 270-128-1 CAS: 68411-46-1

[N] R51/53

• MODIFIED FATTY ACID ALKYLOLAMIDE 1-10%

[Xi] R36/37/38

• 2-ETHYLHEXYL ZINC DITHIOPHOSPHATE 1-10%

CAS: 4259-15-8

[N] R51/53

• 3-iodo-2-propynylbutyl carbamate 30% in carrier solvent <1%

CAS: 55406-53-6

[N] R50; [Xi] R41; [Xn] R20/22

• METHYLENE BISMORPHOLINE 1-10%

CAS: 5625-90-1

[Xn] R22; [C] R34; [-] R52

### 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** No symptoms.

### FIRST AID MEASURES (ACTION)

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes.

**Ingestion:** Wash out mouth with water.

**Inhalation:** Consult a doctor.

Cont/d....

BCS V345 Health & Safety Cont/d.

## **5. FIRE-FIGHTING MEASURES**

### **Extinguishing media:**

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

### **Exposure hazards:**

In combustion emits toxic fumes.

### **Protection of fire-fighters:**

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## **6. ACCIDENTAL RELEASE MEASURES**

### **Personal precautions:**

Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

### **Environmental precautions:**

Do not discharge into drains or rivers. Contain the spillage using bunding.

### **Clean-up procedures:**

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

## **7. HANDLING AND STORAGE**

### **Handling requirements:**

Ensure there is sufficient ventilation of the area. Provide suitable mechanical equipment for the safe handling of drums.

### **Storage conditions:**

Store in cool, well ventilated area. Keep container tightly closed.

### **Suitable packaging:**

Must only be kept in original packaging.

## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

### **Respiratory protection:**

Respiratory protection not required.

### **Hand protection:**

Protective gloves.

### **Eye protection:**

Safety glasses. Ensure eye bath is to hand.

### **Skin protection:**

Protective clothing.

Cont/d....

BCS V345 Health & Safety Cont/d.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**State:**

Liquid

**Colour:**

Amber

**Solubility in water:**

Miscible

**Relative density:**

0.96

## 10. STABILITY AND REACTIVITY

**Stability:**

Stable under normal conditions.

**Conditions to avoid:**

Heat.

**Materials to avoid:**

Strong oxidising agents. Strong acids.

**Haz. Decomp. Products:**

In combustion emits toxic fumes.

## 11. TOXICOLOGICAL INFORMATION

**Hazardous ingredients:**

BENZENAMINE, N-PHENYL, REACTION PRODUCTS WITH 2,4,4-TRIMETHYLPENTENE

ORL RAT LD50 >2000 mg/kg

SKN RAT LD50 >2000 mg/kg

• MODIFIED FATTY ACID ALKYLOLAMIDE

ORL RAT LD50 >2000 mg/kg

• 2-ETHYLHEXYL ZINC DITHIOPHOSPHATE

ORL RAT LD50 4358 mg/kg

• 3-iodo -2 propynylbutyl carbamate 30% in carrier solvent

ORL RAT LD50 4050 mg/kg

SKN RAT LD50 >2000 mg/kg

• METHYLENE BISMORPHOLINE

ORL RAT LD50 550 mg/kg

**Routes of exposure:**

Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

Cont/d....

BCS V345 Health & Safety Cont/d.

## 12. ECOLOGICAL INFORMATION

### Hazardous ingredients:

BENZENAMINE, N-PHENYL, REACTION PRODUCTS WITH 2,4,4-TRIMETHYLPENTENE

BACTERIA 72H IC50 >100 mg/l

DAPHNIA 48H EC50 1.1 mg/l

FISH 96H LC50 >71 mg/l

• 2-ETHYLHEXYL ZINC DITHIOPHOSPHATE

DAPHNIA 96H LC50 1-10 mg/l

FISH 96H LC50 1-10 mg/l

• 3-iodo-2-propynylbutyl carbamate 30% in carrier solvent

DAPHNIA 48H EC50 696 µl/l

FISH RAINBOW TROUT 96H LC50 67 µl/l

### Mobility:

Readily absorbed into soil.

### Persistence and degradability:

Biodegradable.

### Bioaccumulative potential:

No bioaccumulation potential.

### Other adverse effects:

Harmful to aquatic organisms.

## 13. DISPOSAL CONSIDERATIONS

### Disposal operations:

Classified as hazardous waste under UK and European law.

### Disposal of packaging:

IBC's have a refundable deposit paid on them and should be returned. 205 litre unlined steel drums also carry a deposit but can be returned for recycling. All other packaging should be disposed of in a manner acceptable to the authorities.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## 14. TRANSPORT INFORMATION

### ADR / RID

UN no: -

### Shipping name:

NOT CLASSIFIED AS DANGEROUS IN THE MEANING OF TRANSPORT REGULATIONS.

### IMDG / IMO

UN no: - Marine Pollutant NO

### IATA / ICAO

UN no: -

Cont/d....

BCS V345 Health & Safety Cont/d.

## 15. REGULATORY INFORMATION

### **Hazard symbols:**

No significant hazard.

### **Risk phrases:**

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### **Safety phrases:**

S57: Use appropriate container to avoid environmental contamination.

S60: This material and its container must be disposed of as hazardous waste.

S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

### **Water hazard class:**

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

## 16. OTHER INFORMATION

### **Other information:**

The classification detailed on this Safety Data Sheet refer to the neat material only. Dilution of the product may reduce the classification.

This safety data sheet conforms to 2001/58/EEC.

Statutory Instruments: The Health and Safety at Work etc. Act 1974. Control of Substances Hazardous to Health Regulations 2002. Environment Protection Act 1990. Chemicals (Hazard Information and Packaging) Regulations 2002.

### **Risk phrases used in s.2:**

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R36/37/38: Irritating to eyes, respiratory system and skin.

R50: Very toxic to aquatic organisms.

R41: Risk of serious damage to eyes.

R20/22: Harmful by inhalation and if swallowed.

R22: Harmful if swallowed.

R34: Causes burns.

R52: Harmful to aquatic organisms.

### **Legal disclaimer:**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.