

Date: 29<sup>th</sup> June 2005

**LUBYSIL BCS 28CF**  
Health & Safety Data Sheet

**1. Identification of the Substance/Preparation & of the Company/Undertaking**

Identification of the substance or preparation:

Name: LUBYSIL BCS 28 CF

Company/undertaking identification:

Name: John Clayden & Partners (Lubysil) Ltd

Address: 9, Frensham Road, Sweet Briar Industrial Est.,  
Norwich, Norfolk. NR3 2BT

Telephone: 01603 789924

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**2. Composition/Information on Ingredients**

Full risk phrases appearing in Section 2 see 16

Index	CAS	EC	Name	Sym.	R:	%
	103818-93-5		Alcohols, C9-C11, Etoxylated Propoxylated	Xi		0 <= x % < 2.5
603-709-00-5	105-59-9	203-312-7	Methyldiethanolamine N-	Xi	36	2.5 <= x % < 10
	*141-43-5	*205-483-3	2- Aminoethanol in Compound with Contained Acids	Xn	20/21/22	2.5 <= x % < 10
	173832-45-6		Fatty Acid Ester		52/53	0 <= x % < 2.5
	34375-28-5	251-974-0	2-(Hydroxymethylamino) Ethanol	Xn	36/38 22	2.5 <= x % < 10

Other substances with occupational exposure limits:

No known substances in this category present.

Other components:

This product contains severely refined and/or solvent hydrotreated mineral oils. According to IP346 method, the PAH content is <3% (note L), therefore they are not classified according to directive 94/69/EC 21<sup>st</sup>-22<sup>nd</sup> ATP to directive 67/548/EC) TLV-TWA: 5mg/m<sup>3</sup>.

**3. Identification of Hazards**

This product is not classed as flammable. Refer to the recommendations regarding the other products on the site. This preparation is not classed as hazardous to health by directive 1999/45/EC

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#### **4. First Aid Measures**

As a general rule, in case of doubt or if symptoms persist, always call a doctor.  
NEVER induce swallowing in an unconscious person.

Inhalation:

In case of inhalation, take affected person to fresh air.

Splashes or Contact with Eyes:

Rinses eyes thoroughly with clean and fresh water

Contact with Skin:

Wash with water. Do not use solvents or thinners.

Swallowing:-

In the event of swallowing, rinse mouth with water and consult a doctor. DO NOT induce vomiting.

#### **5. Fire Fighting Measures**

The product itself does not burn because of the water content.

Suitable Extinguishing Media:

Water spray or fog, foam CO<sub>2</sub>, dry chemical powder.

Special Protective Equipment for Fire-Fighters

No special measures required

Special Exposure Hazards arising from the Substance or Preparation itself, Combustion Products, Resulting Gases:

This product only burns after evaporation of water by the extremely high temperatures during fire.

Combustion produces a complex mixture of gases and airborne particulates, including:

CO<sub>x</sub>

NO<sub>x</sub>

Unidentified organic and inorganic compounds

SO<sub>x</sub>

#### **6. Accidental Release Measures**

Personal precautions:

Consult the safety measures listed under headings 7 and 8

Environmental precautions:

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal. Prevent any material from entering drains or waterways.

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Methods for leaning Up:  
Clean preferably with a detergent, do not use solvents

## **7. Handling & Storage**

The regulations relating to storage premises apply to workshops where the product is handled.

Handling:  
Handle in well-ventilated areas

Fire prevention:  
Prevent access by unauthorized personnel

Recommended Equipment & procedures:  
When not in use, keep the containers tightly closed, and in vertical position.

Prohibited Equipment & Procedures:  
Smoking, eating & drinking are prohibited in areas where the preparation is used.

Storage:  
Storage temperature: 5-40°C (frost free storage)  
Do not store together with strong oxidizing agents

## **8. Exposure Controls/Personal Protection**

Use personal protection equipment as per Directive 89/686/EEC.

Technical Measures:  
Personnel shall wear regularly laundered overalls.

Respiratory Protection:  
In case of higher concentration than exposure limits, wear approved and appropriated respirator apparatus

Hand Protection:  
Minimise or avoid skin contacts. Wear protective gloves if advisable under safety aspects.

Eye & Face Protection:  
Use glasses or face shield if there is a risk of spurting

Skin Protection:  
Remove contaminated clothing. Wash affected skin with soap and water.  
Do not keep contaminated rags in pockets of working clothes.

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## 9. Physical and Chemical Properties

General Information:

Physical State: Fluid liquid

Important Health & Safety & Environment Information:

pH of the substance or preparation: Slightly basic

When a pH measure is possible, it has a value of: Not stated

pH (aqueous solution): @ 3% 9.3-9.5

Boiling Point: Not relevant

Flash Point Interval: Not relevant

Vapour pressure: Not specified

Density: > 1

Density: 1.01-1.03 kg/dm<sup>3</sup> (ASTM D 1298)

Water Solubility: Soluble

Other Information:

Melting Point/Melting Range: Not relevant

Self-Ignition Temperature: Not relevant

Decomposition Point/ Decomposition Range: Not relevant

## 10. Stability & Reactivity

The preparation is stable at the handling and storage conditions recommended per § 7 of the data sheet.

Materials to Avoid:

Strong oxidising agents. Strong reducing agents

Hazardous Decomposition Products:

No dangerous decomposition products occur under normal storage and use conditions.

## 11. Toxicological Information

The toxicological information is based on data for the component(s) and/or is deduced from the results of the evaluation according to the criteria of the substances/preparation directive.

Exposure by Inhalation:

This product is not irritating to the respiratory system

Splashes & Contact with Skin:

Sensitisation by skin is not expected

Splashes or Contact with Eyes:

Slight irritation is possible

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Other Data:

The product is not expected to be carcinogenic, mutagenic, teraogenic, or toxic for reproduction  
Frequent and prolonged contact with products like mineral oils or light hydrocarbons, may cause lipidic extract of skin, particularly with hot temperatures.

## 12. Ecological Information

No ecological data on this product itself is available. The ecological information is based on data for the component(s) and/or is deduced from the results of the evaluation according to the criteria of the substance/preparation directive.

Mobility:

In the nature the product is liquid in most conditions

WATER: Partially soluble

SOIL: in consideration if it's physicochemical characteristics, the product is expected to be relatively mobile in soil.

Persistence & Degradability:

Not known

Bioaccumulative potential:

Potentially non bioaccumulable.

Ecotoxicity:

Toxic effects on aquatic organisms are not expected LC50/EC50/IC50 > 100 mg/l.

Other Adverse Effects:

Germany: WGK 1 (VwVwS vom 17/05/99, KBws)

## 13. Disposal Considerations

Do not pour into drains or waterways

Waste:

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste; do not dispose of waste into the environment.

Soiled Packaging:

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

**Codes of wastes (Decision 2001/573/EC, Directive 75/442/EEC, Directive 91/689/EEC on hazardous waste):**

12. 01 09\* machining emulsions and solutions free of halogens.

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**14. Transport Information**

Exempt from transport classification and labeling

**15. Statutory Information**

This preparation was classified in compliance with the directive known as <All preparations> 1999/45/EC and its adaptation. In addition directive 2004./73/EC with the 29° adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account. This preparation is not classed as to health by directive 1999/45/EC. This product is not classed as flammable.

Particular provisions:

Germany: WGK 1 (VwVwS vom 17/05.99, KBws)

**16. Other Information**

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations. It should not therefore be construed as guaranteeing any specific property of the product. The product is intended only for commercial/industrial processing or application.

All chapters have been up-dated.

**Full text of risk phrases in Section 2:**

R 20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R 22	Harmful if swallowed
R 36	Irritating to eyes
R 36/38	Irritating to eyes and skin
R 41	Risk of serious damage to eyes
R 52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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