

# Material Safety Data Sheet

ACRAWAX C

Date prepared: 11 May 1999

Date revised: N/A (first issue)

0CON-295

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## 1. Identification of the Substance/Preparation and the Company/ Undertaking

Substance or preparation trade name: **Acrawax C Lubricant**

Unique reference number(s): **0CON-295**

Company/undertaking name & address: **Logitech Ltd.,  
Erskine Ferry Road, Old Kilpatrick, Glasgow  
G605EU, Scotland, UK**

Telephone: **(+44) 1389 875444**

Emergency telephone number: **As above**

## 2. Composition

Substance:	<b>Ethylenebisstearamide</b>	<b>Ethylenebispalmitamide</b>	<b>Fatty acid</b>
% content:	<b>65</b>	<b>35</b>	<b>2</b>
CAS number:	<b>110-30-5</b>	<b>5518-18-3</b>	<b>67701-02-4</b>

## 3. Hazards Identification

***Based upon available evidence this material is not considered hazardous. The material is not toxic upon ingestion and direct contact will produce mild eye irritation and no skin irritation.***

## 4. First Aid Measures

Inhalation: ***Remove from area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.***

Skin contact: ***Wash affected area with water, and soap if available. Seek medical attention if irritation develops and persists.***

Eye contact: ***Flush eyes with plenty of water for several minutes. Seek medical attention if irritation develops.***

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Ingestion:

***If swallowed, give 3-4 glasses of water but DO NOT induce vomiting. If vomiting does occur, administer more fluids. Seek medical attention to determine whether vomiting or evacuation of the stomach is required.***

***Do not give anything by mouth to an unconscious or convulsing person.***

## 5. Fire-Fighting Measures

Suitable extinguishing media:

***Foam, alcohol foam, dry chemical, water fog, CO<sub>2</sub>.***

Unsuitable extinguishing media:

***N/A***

Special exposure hazards in fire:

***Products of combustion are toxic. Treat as hot oil or fat. If water must be used, use a fog nozzle to avoid spattering of hot material and spread of burning liquid.***

***Airborne dusts of this product in an enclosed space and in the presence of an ignition source may constitute an explosion hazard.***

Required special protective equipment for fire-fighters:

***Must wear NIOSH/MSHA approved self-contained breathing apparatus and protective clothing. Cool fire exposed containers with water spray.***

## 6. Accidental Release Measures

Personal precautions:

***If spilled, wet floors may become slippery. Wear appropriate clothing and footwear. Self contained respiratory equipment is recommended where dusts or airborne particulates of unknown concentrations may be generated.***

Environmental precautions:

***Avoid generating dust. Keep spills out of sewers and open bodies of water.***

Methods for cleaning:

***Wet residue with water and absorb with inert material (sand or earth) and transfer into appropriate containers for recovery or disposal.***

## 7. Handling and Storage

Handling:

***Ensure that container lid remains closed until the product is to be used.***

Storage:

***Do not store next to a heat / ignition source.***

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## 8. Exposure Controls

Engineering measures:	<i>In processes where dusts or airborne particulates may be generated adequate ventilation must be provided in accordance with good ventilation practices.</i>
Respiratory protection:	<i>In processes where dusts or airborne particulates may be generated, a NIOSH/MSHA jointly approved respirator is advised in the absence of proper environmental controls.</i>
Hand protection:	<i>Rubber or neoprene protective gloves, to prevent hand contact, when required.</i>
Skin protection:	<i>Protective clothing (long sleeves, coveralls or other as appropriate).</i>
Eye protection:	<i>Wear safety goggles where there is a potential for eye contact. Use safety glasses with side shields under normal use conditions.</i>

## 9. Physical and Chemical Properties

Appearance:	<i>White to tan beads or prills.</i>
Odour:	<i>Slight amide.</i>
pH:	<i>Not known.</i>
Boiling point:	<i>Not known.</i>
Melting point:	<i>140 to 145°C</i>
Flashpoint (°C):	<i>285°C</i>
Closed cup / open cup	<i>COC</i>
Flammability (gas/solid):	<i>N/A</i>
Autoflammability:	<i>N/A</i>
Explosive properties:	<i>N/A</i>
Oxidising properties:	<i>N/A</i>
Vapour pressure:	<i>N/A</i>
Specific gravity (water=1):	<i>&lt;1 @ 140-145°C</i>
Solubility (water and fat):	<i>Insoluble.</i>
Other:	<i>Percent volatile (by weight): Nil</i>

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## 10. Stability and Reactivity

Conditions to avoid:	<b>None known.</b>
Materials to avoid:	<b>Strong oxidising or reducing agents.</b>
Hazardous decomposition products:	<b>Thermal decomposition may produce toxic organic vapours / fumes and oxides of carbon and nitrogen.</b>

## 11. Toxicological Information

Concise description of toxicological properties follows, including any special effects of constituents:

Inhalation:	<b>LD<sub>50</sub> (rat - 4 hours): &gt;6.3 mg/l; &gt;58 mg/l (2 tests).</b>
Skin contact:	<b>LD<sub>50</sub> (rabbit): &gt;2000 mg/kg; &gt;20000 mg/kg (2 tests).</b>
Eye contact:	<b>Instillation to the eye was found to cause mild irritation (rabbit).</b>
Ingestion:	<b>LD<sub>50</sub> (rat): &gt;5000 mg/kg; &gt;10000 mg/kg (2 tests).</b>
Chronic effects:	<b>No toxic effect level is 50000 ppm (rat); Non toxic at 100mg/kg/day (rat - 2 year feeding study). Carcinogenic (rat - 2 year feeding study): No @ 5% in the diet (about 2500 mg/kg/day). Product listed as carcinogenic by: National Toxicology Program - No, I.A.R.C. Monographs - No, OSHA - No</b>

## 12. Ecological Information

Possible effects:	<b>N/E</b>
Behaviour:	<b>Solid product at ambient temperatures.</b>
Mobility:	<b>Solid product at ambient temperatures.</b>

## 13. Disposal Considerations

Likely residues/waste product (if any):	<b>N/A</b>
Safe handling of any residues/waste product:	<b>Dispose of in compliance with all Federal, state and local laws and regulations. Incineration is the preferred method.</b>

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## 14. Transport Information

Special carriage precautions in carriage (on-site or externally):

***Do not place next to heat source.***

Classification data:

***Not classified as a dangerous product.***

## 15. Regulatory Information

Supply label information:

***Non-Hazardous.***

Regulations:

***Toxic Substances Control Act (TSCA Inventory) status: Found on US EPA TSCA Inventory.***

NOTE: THIS DATA SHEET DOES NOT CONSTITUTE A USER'S ASSESSMENT OF WORKPLACE RISK AS REQUIRED BY HSW ACT, COSHH, MANAGEMENT OF HEALTH AND SAFETY AT WORK REGULATIONS, OR OTHER HEALTH AND SAFETY LEGISLATION.

## 16. Other Information

Recommendations/restrictions:

***Ensure that employees are trained in the use of this product.***

Use:

***Bonding samples.***

Sources of key data used to compile Safety Data Sheet:

***Manufacturer's details.***

Abbreviations:

***N/A: Not Applicable.  
N/E: Not Established.***

The data contained in this Safety Data Sheet has been supplied as required by the Chemicals (Hazard Identification and Packaging) Regulations 1993, as amended, for the purpose of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided.

Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information.