

# MATERIAL SAFETY DATA SHEET

Date: 2008-12-12

Issued by: Rein S Jansson

Version: 5

## 1. Identification of the product and the company

Product name: **Fluolub 210**

Chemical characterisation: Severely refined white mineral oil thickened with modified montmorillonite with additives. The base oil meets the requirements of the US and British Pharmacopoeia as well as the US FDA as per CFR 172-878. Additives approved for incidental contact with foodstuffs.

Application: Lubricating grease

Address: **Ellsworth Adhesives AB** Botvids Center SE-145 84 STOCKHOLM  
Telephone: +46-8-681 82 80  
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## 2. Hazard identification

Health: Product is not classified as hazardous  
Environment: Product is not classified as hazardous  
Fire & explosion:

## 3. Composition & information on ingredients

Hazardous ingredients	CAS no.	%	Symbols	Risk phrase <sup>s1</sup>
Product is not classified as hazardous				

### Other ingredients

<sup>1</sup> Refer to section 16

## 4. First aid measures

Inhalation: N/A  
Skin: N/A  
Eyes: Irrigate immediately with copious quantities of water. If irritation persists, seek medical attention  
Ingestion: **DO NOT INDUCE VOMITING.** Wash out mouth with water. Obtain medical attention showing this sheet

## 5. Fire fighting measures

Extinguishing media:	Foam, dry powder, CO <sub>2</sub>
Flash Point:	>200 °C
Unusual fire fighting hazards:	Product is not classified as flammable but is inherently combustible
Fire fighting procedures:	
Combustion products:	Carbon and oxides of carbon

## 6. Accidental release measures

Personal precautions:	Spill product presents a significant slip hazard. Avoid exposure of this product to sources of ignition
Environmental precautions:	Prevent entry into drains, sewers and water courses
Cleanup procedures:	Scrape or shovel up and transfer to suitable containers. Clean affected area

## 7. Handling and storage

Handling:	Prevent slip hazards. Provide suitable mechanical equipment for safe handling of drums and heavy packages. Avoid eye contact
Storage:	Keep containers tightly closed. Store drums undercover in racking protected from mechanical impact. If stored outside, ingress of water should be avoided, e.g. by placing drums on their side. Storage temperatures 0-40 °C. Compatible with most common metals

## 8. Exposure controls and personal protection

Exposure controls:	Local exhaust ventilation is recommended when excessive product fuming occurs. Permissible concentration in air: 5mg/m <sup>3</sup> for mineral oil mist.
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Exposure controls for hazardous components:

Product	CAS no.	Exposure limits
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Personal protective equipment:

- Respiratory:
- Hand:
- Eye: Safety glasses
- Skin:
- Industrial hygiene:

## 9. Physical and chemical properties

Form:	Paste
Colour:	Natural coloured
Odour:	Mild
pH:	N/A
Boiling point:	N/A
Flash point:	> 200 °C (closed cup)
Melting point:	N/A
Vapour pressure:	N/A
Solubility in water:	Negligible
Vapour density:	N/A

## 10. Stability and reactivity

Stability:	Stable. Will not polymerise
Conditions to avoid:	Avoid high storage temperatures and sources of ignition
Materials to avoid:	Strong oxidising agents
Hazardous decomposition products:	Refer to section 5

## 11. Toxicological information

Inhalation:	N/A
Skin:	N/A
Eyes:	May cause transient irritation
Ingestion:	May cause nausea and diarrhoea
Others:	LD <sub>50</sub> : > 2g/kg (rat). Products which have become contaminated in use from external sources may present more serious health effects

## 12. Ecological information

Biodegradability:	No applicable test
Chemical Oxygen Demand	Not determined

### 13. Disposal Recommendations

Product disposal: Dispose in accordance with national regulations  
Packaging disposal:

### 14. Transport information

UNNO:	N/A	Road & rail transport (ADR/RID):	N/A
Sea transport (IMO/IMDG)	N/A	Air transport (ICAO/IATA):	N/A

### 15. Regulatory information

Classification: This product is not classified as hazardous.

EC Directives: Framework Waste Directives 91/156/EEC  
Waste Oil Directive 87/101/EEC

### 16. Other information

All information and instructions provided in this Material Safety Data Sheet (MSDS) are based on the current state scientific and technical knowledge at the date indicated on the present date and info 17.11.05. Ellsworth Adhesives AB shall not be held responsible for any defect in the product covered by this MSDS should the existence of such defect not be detectable considering the current state of scientific and technical knowledge.