Safety Data Sheet according to 91/155/EEC
Ultrasonic Coupling Paste for the Temperature Range -30°C to 130°C

Important note: The information given in this data sheet bases on the actual state of knowledge and experience. The safety data sheet is presented as a guidance for the purpose of determining safety measures. Flexim is not liable for the accuracy or completeness of the data and information.

1. Identification of Substance/Preparation and Company

Product designation:	Ultrasonic Coupling Paste for the Temperature Range -30°C to 130°C
Product type	Complex special lubricating fat (EP calcium sulfonate complex fat, NLGI class 2 acc. to DIN 51818)
International specification:	ISO 6743-9: L-XBFIB 2 DIN 51825: KP2R-25
Company name:	FLEXIM GmbH
Address and telephone number:	Wolfener Str. 36 12681 Berlin, Germany Phone: +49 (0)30 / 936 676 60
Emergency Contact:	Poison Information Center Berlin, phone: +49 (0)30 19240 (24 hours)

2. Composition/Information on Ingredients

Chemical designation:	Lubricating fat
Hazardous ingredients:	None

3. Hazards Identification

Dangerous substances:	None

4. First Aid Measures

- After inhalation:	Not applicable
- contact with the skin:	Wash thoroughly with soap and water.
- contact with the eyes:	Wash immediately with plenty of water.
- After ingestion:	Do not induce vomiting. Seek medical attention.

5. Fire Fighting Measures

Extinguishing Media	
- suitable:	Carbon dioxide, powder type fire extinguisher for the given fire class, or foam.
- unsuitable:	Water jet
Endangering:	In case of fire: With oxygen supply carbon dioxide and water steam; with oxygen shortage mainly carbon monoxide, soot and cracked products (aldehydes, ketones)
Protection measures for fire fighting:	Wear gas masks in case of strong smoke or vapour development.

6. Accidental Release Measures

See points 8 and 13.	
After spillages	
- on the ground:	Remove product with physical means. Clean the contaminated area with detergent. Dispose according to local or national waste disposal regulations.
- in water:	Take up product and dispose according to disposal code.

7. Storage and Handling

Technical protection measures	
Handling:	No data available.
Storage:	See point 8. Use only receptacles, joints, conduits, etc. which are compatible with the following materials: Hydrocarbons.

8. Exposure Controls and Personal Protection

Exposure limits	
Maximum concentrations at working place:	Not applicable
Personal protective equipment	
- skin:	Industrial gloves
- eyes:	Safety glasses
Working hygiene:	Keep product away from foodstuff and beverages. Do not wash hands with already contaminated clothes.

9. Physical and Chemical Properties

Appearance	
Physical state at 20°C:	paste
Color:	yellow to amber-coloured
Odor:	characteristic
Phase change at 1013 hPa:	
Drop point (°C):	340
Flash point (ASTM D 92) (°C):	>250
Density at 20°C (kg/m³):	± 1000
Behavior in water at 20°C:	absorbs water, soaps are dispersable

10. Stability and Reactivity

Stability:	Stable under normal conditions (for stocking, manipulation and employment)

11. Toxicological information

Other:	According to the latest knowledge, this product presents no risk to healt when used for the intended purpose and when the elementary rules of safety and hygiene at work are respected.

12. Ecological information

Ecological information	Respect the elementary rules of work hygiene, doe no spill in the environment.
Mobility	
- Water/Air:	The losses through evaporation are low.
- Ground:	Because of its physical and chemical properties, the product has a low mobility in the ground.
- Water:	The product is not water-soluble.
- Biological degradability:	not easily biologically degradable
Ecotoxicity:	No data available.

13. Disposal Considerations

Waste disposal:	Disposal observing the official local regulations. This product must be disposed of or recycled according to the waste disposal laws. The product must not be discharged into the ground, sewerage system and open bodies of water or ground water.
Disposal:	Disposal code: D 542 02 Disposal code: EU 12 01 12 Waste designation: "Fat waste"
Container Disposal:	Disposal code: 571 27 Waste designation: "Plastic Packaging with harmful Rest Content"
Disposal code EU:	

14. Transport Information

Other:	Not an hazardous transport good.

15. Regulatory Information

Marking and classification EEC:	Not an hazardous substance according to the statutory order on dangerous substances and the relevant EC directives 67/548/EEC (dangerous substances) and 1999/45/EEC (dangerous preparations). (Remark: the classification as carcinogenic substance is not compulsory when the whole raffination process is known and it can be proved that the original substance is not carcinogenic.) The original substance is not carcinogenic.
Water contaminant class (Germany):	WGK 2: water-contaminant. Classification according to the general directives of the water resources law about the classification of water-contaminating substances in water-contaminant classes.

16. Other Information

Further information:	No data available

Important note:
The information given in this data sheet bases on the actual state of knowledge and experience. The aim of the safety data sheet is to give the essential physical, toxicological and ecological data and safety relevant information necessary for the handling of chemical substances and preparations and to give recommendations concerning the storage, use and transport of these chemicals. It is meant to serve the protection of human beings and of the environment. These specialized information concerning safety standards at work and the protection of health is essential for the work of security officers and engineers, occupational physicians, toxicologists and state control commissions.
Please transmit the information to the competent authority.

Revised: 22/11/2005