

Chemico Sales & Overseas Ltd
PRODUCT SAFETY DATA SHEET

1. Identification of the Substance/Preparation & Supplier.

Product Name: Chemico Lapping Paste (all grades)
Product Type: Lapping and Grinding Compound
Supplier: Chemico Sales & Overseas Ltd,
PO Box 12905
Solihull
B93 3AY
UK
Emergency Information: Emergency phone number
(Office hours only): 01564 742517
Fax no: 01564 742617

2. Hazards Identification.

Hazard designation:
Not classified as Hazardous under CHIP regulations.

Information pertaining to particular dangers for man and environment: Not applicable.

Classification system:

The health and environmental hazards of this preparation have been assessed by the conventional method described in annex II and III of the preparations Directive 1999/45 EC.

3. Composition/Information on Ingredients.

Hazardous component:	EINECS	Cas No.	Index	Risk Phrases:	Concentration:
Monoethanolamine	205-483-3	141-43-5	C	R34, R20/21/22	<1%

Additional Information: For the wording of the listed risk phrases refer to section 16.

4. First Aid Measures.

Eye Contact: Flush with plenty of clean water for 10-15 minutes. If irritation persists obtain medical attention.

Skin Contact: Wash off with water. The application of skin reconditioning (emollient) cream, can be beneficial.

Inhalation: Remove to fresh air. If symptoms persist, seek medical advice.

Ingestion: Milk or water to drink may be beneficial. Do not induce vomiting without medical advice.

5. Fire Fighting Measures:

Suitable Extinguishing Media: Foam, Dry Powder, Co2, Halon, fine water spray suitable.

Unsuitable Extinguishing Media for Reasons of Safety: None

Special Hazards caused by the material, its products of combustion or flue gases:
Not combustible. May evolve noxious fumes in a fire.

Protective Equipment: Standard protective equipment, breathing apparatus.

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6. Accidental Release Measures.

Personal safety precautions: Wear protective equipment. Keep unprotected persons away. Use protective clothing, chemical eye goggles and PVC or rubber gloves.

Measures for environmental protection: Inform authorities in case of contamination of water or sewage system.

Do not allow product to soak into drains or water courses.

Methods for cleaning/collecting: Collect solids in a container. Wash down floor area as spillages can be slippery. Dispose only in accordance with Local Authority regulations, via authorised waste disposal agent.

7. Handling and Storage.

Handling: Avoid contact with skin and eyes. Observe good standards of industrial hygiene.

Information for safe handling: Keep in tightly closed containers. Take note of emission threshold.

Storage: Requirements to be met by storerooms and containers:
Store between 10-35°C. Protect from frost.

Information about storage in a common storage facility:
Do not store in extremes of temperature or near foodstuffs.

Specific Uses: To be used as a grinding/lapping compound.

8. Exposure Controls/Personal Protection.

Exposure limit values:

Ingredient Name		8hr TWA	15min STEL
Monoethanolamine	WEL	7.6mg/m3	15mg/m3
Monoethanolamine	WEL (Skin)	2.5mg/m3	7.6mg/m3

Occupational exposure controls:

Respiratory Protection: Unlikely to be necessary where adequate ventilation is provided.

Eyes: Chemical eye goggles should be worn.

Hand: PVC or rubber gloves are recommended.

Skin: Use protective clothing. Remove contaminated clothing and wash with soap and water.

Environmental exposure controls:

Dispose only in accordance with Local Authority regulations, via authorised waste disposal agent.

9. Physical and Chemical Properties.

Appearance:	Grey/Black Soft Gel
Odour:	Bland
pH Neat:	10.5 typical
Boiling Point:	100°C
Flammability:	Non-Flammable
Water Solubility:	Soluble
Specific Gravity @ 20°C:	1.33 typical

10. Stability and Reactivity.

Conditions to Avoid: Naked flames, hot surfaces, other high temperature sources.

Materials to Avoid: Strong oxidising agents.

Hazardous Decomposition: Oxides of carbon, water vapour and unidentified compounds, some of which could be toxic may be evolved. Product is stable under normal conditions.

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11. Toxicological Information.

Eyes: Product is not classified as an eye irritant. Contact with the product is likely to cause irritation and stinging.

Skin: Product is not classified as a skin irritant. Brief or occasional contact is unlikely to cause any significant reaction. Prolonged or repeated contact with the undiluted product may lead to de-fatting of the skin and/or slight irritation.

Inhalation: Unlikely to present any significant hazard at ambient temperature.

Ingestion: Swallowing of small amounts is not likely to cause serious discomfort. If swallowed in larger quantities may cause vomiting and diarrhoea.

Ingredient Name	LD50 (Animal/Oral)
Monoethanolamine	1720mg/kg (rat)

12. Ecological Information.

Eco-toxicity: There is no data available on the product itself.

Mobility: The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

Persistence and Degradability: The components of the product exhibit good to moderate bio-degradability and are readily broken down by sewage treatment plants.

Bio-accumulative Potential: Not expected to bio-accumulate.

13. Disposal Recommendations.

Product should be disposed of via an authorised waste disposal contractor in accordance with all local and national regulations. Dispose of empty containers in accordance with local and national regulations. Advice can be obtained from the Waste Regulation Authority whether special waste regulations apply to this product.

14. Transport Information.

Product is not classified as hazardous for transport.

15. Regulatory Information.

Designation according to EC guidelines:

The product has been classified and labelled in accordance with EC Directives / Ordinance on Hazardous Materials (CHIP).

Risk Phrases: None
Safety Phrases: S2: Keep out of reach of children
S24/25: Avoid contact with skin & eyes

National Regulations:

Regulations which may apply in event of accident:

Control of Major Accident Hazards (COMAH)

Critical quantity values according to the regulations on accidents should be adhered to.

16. Other Information.

Do not mix with other chemicals.

The information provided in this data sheet has been compiled in accordance with the requirements of the Chemicals (Hazard information and packaging) Regulations 2009 (CHIP 4).

This data sheet does not constitute an assessment of the workplace risks as required under

the provisions of the Health & Safety at Work act and the Control of Substances Hazardous to Health (COSHH).

R - Phrases relevant to the products hazardous ingredients:

R34: Causes burns

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed

Training Advice: Users should be trained in good industrial hygiene practise.

Recommended Restrictions on Use:

Department issuing data specification sheet: Health and Safety Department

Contact: K Escott 01564 742517 admin@chemico.co.uk

* Date compared to the previous version altered.

Legal Disclaimer:

The information supplied above is based upon the present state of our knowledge of the product at the time of publication. It is given in good faith and no warranty is implied with respect to the specification or quality of the product. The user must satisfy himself that the product is entirely suitable for his purpose.