

Product Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION:

Product Name: Miroxol Metal Polish
Distributor: Miroxol UK, Feldon House, Main Street, Carlton, Northamptonshire OX173DL, United Kingdom.
Phone: 0044 7920483461
Mail: clodaghgreen1@hotmail.com / clodagh@miroxol.co.uk
Product Type: Metal Polishing Paste.
Use: Cleaning and polishing metals.
Appearance: Paste in an aluminium squeeze tube with screw on cap.

2. COMPOSITION:

This product contains the following hazardous components:

NAME	CAS NO.	CLASS	%
White Spirit	64742-88-7	Xn, Xi, N R10, R38, R65/66/67, R51/53	5-15%
Kerosene 150/200	111-65-9	Xn, Xi R10, R38, R65, R66	5-15%
Fatty Acids	67701-05-7	-----	5-15%
Aluminium Oxide	1344-28-1	-----	20-30%
Ammonia solution (25%)	1336-21-6	C, N R34, R50	<5%

Key to Risk Phrases:

R10 Flammable **R34** Causes burns **R38** Irritating to skin
R50 Very toxic to aquatic organisms
R51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment
R65 Harmful: May cause lung damage if swallowed
R66 Repeated exposure may cause skin dryness or cracking
R67 Vapours may cause drowsiness and dizziness

3. FIRST- AID MEASURES:

Eye Contact: Irrigate eye immediately with copious amounts of water. Continue to rinse with water for 15 minutes. If irritation persists seek medical advice.
Skin Contact: Wash with water until soapiness is removed.
Inhalation: Move to fresh air and keep at rest until symptoms resolve.
Ingestion: Give water to drink to wash alkaline product into stomach. Do not induce vomiting. Milk may be used to reduce the irritant effects of kerosene. Seek medical advice.

4. FIRE- FIGHTING MEASURES:

This preparation is not flammable and does not support combustion. The following applies for a fire involving this preparation.

Specific Dangers: Combustion products may include carbon monoxide, oxides of nitrogen, oxides of sulphur, unburnt hydrocarbons.

Extinguisher Type: Use dry foam, dry chemical or water spray, carbon dioxide sand or earth to extinguish the fire.

5. ACCIDENTAL RELEASE MEASURES:

Spillages of up to 5 litres may be mopped up with a cloth.

Larger spillages: If possible ventilate the area. The spillage should be scooped into a suitable container for subsequent disposal.

Consult your local waste authority, Environmental Protection Agency, local council or an expert on advice for disposal.

6. HANDLING AND STORAGE:

Handling: Use in well ventilated areas, wear suitable gloves if prolonged exposure is anticipated.

Storage: Store in a cool, dry, frost free place, out of reach of children, closed in original packaging.

7. EXPOSURE CONTROL AND PERSONAL PROTECTION:

Engineering Controls: Avoid contact with skin and eyes.

Personal Protective Equipment:

Respiratory Protection: None necessary under normal working conditions.

Hand Protection: PVC or rubber gloves with prolonged use.

Eye Protection: Chemical resistant goggles if eye contact can accidentally occur.

Skin Protection: Wear an apron or coveralls if exposure is likely to be prolonged.

The product does not present a significant hazard in normal use. Data above refers to prolonged contact with large quantities of product.

8. PHYSICAL AND CHEMICAL PROPERTIES:

Physical State:	Paste	Colour:	Pink to slightly red
Odour:	Slightly to ammonia	pH:	9.5 - 11.5
Filled Product Weight:	1.08 - 1.13grams		

9. STABILITY AND REACTIVITY:

Stability: Stable under normal conditions.

Conditions-/Materials to avoid: Strong oxidizing agents and temperatures in excess of 50°C.

Decomposition Products: None known.

10. TOXICOLOGICAL INFORMATION:

This product contains white spirit and kerosene for which the following apply:

- Inhalation:** Vapour concentrations above recommended exposure limits are irritating to the eyes and respiratory tract, may cause headaches and dizziness, are anesthetic and may have other central nervous system effects.
- Skin contact:** Low order of toxicity, frequent or prolonged contact may cause dermatitis.
- Eye contact:** Irritating, but does not injure eye tissue.
- Ingestion:** Minimal toxicity. The viscosity of this preparation mitigates the risk of aspiration into the respiratory system during ingestion or vomiting.

11. ECOLOGICAL INFORMATION:

This product contains 10-20% of white spirit which is highly volatile and will rapidly evaporate to the air if released into the environment. Based upon data for similar materials white spirit is classified as R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

White spirit is expected to biodegrade rapidly and be "readily" biodegradable according to OECD guidelines. It can degrade rapidly in air and is expected to be removed in a waste water treatment facility.

Although data exists to show that white spirit is not expected to persist in the aquatic environment, European Classification rules require that it be classified as, as potentially causing long-term adverse effects in the aquatic environment.

12. DISPOSAL CONSIDERATIONS:

- Consumer Instructions:** Empty tubes and small quantities (up to 500 g) may be disposed of with normal household waste.
- Bulk Quantities:** Dispose of in accordance with local, regional or national requirements.
- (Unsold stock):** For further information contact your local waste authority.

13. TRANSPORT INFORMATION:

Not classified as hazardous for international transport by land, sea or air.

14. REGULATORY INFORMATION:

This preparation is classified as dangerous for supply in the EU as follows: *Xi - Irritant*

Risk Phrases

- Xi** Irritant
- R38** Irritating to skin.
- R52/53** Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrases

- S2** Keep out of the reach of children
- S24** Avoid contact with skin.
- S26** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S28** After contact with skin, wash immediately with plenty of water.

15. OTHER INFORMATION:

This document complements the technical usage instructions but does not replace them. The information contained herein is based on our best current technical knowledge of the product concerned and is given in good faith.

The attention of recipients is drawn to (amongst other things) the element of risk consequent to use of the product for a purpose other than that for which it was intended.

In no way does this document remove the need of the recipient of the product to fully understand and apply statutory requirements. It is the recipient's sole responsibility to take due precautions relative to the use made of the product.

All information contained herein is included only to assist the recipient in fulfilling his or her statutory duty connected with the use of hazardous materials.

This list of information must not be considered as exhaustive, and does not exonerate the recipient from taking other precautions described in documents other than those mentioned, concerning the storage and use of the product.