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access: brickfield road



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head office
1277 coventry road
access: waterloo road
yardley
birmingham b25 8bp



Product Safety Data Sheet

Authorisation Status: Authorised, issued on 23.2.2003 / Dr. R. Krollmann (replaces issue 3. /15.10.2002)

Reference number: 21116/440101/307 Issue: 4.

Product Name: WENOL Metal Polish

1. PRODUCT AND COMPANY IDENTIFICATION

Supplier: U Group Ltd on behalf of the Manufacturer.
1277 Coventry Rd, Yardley, Birmingham, West Mid, B25 8BP
Tel. ++44 (0)121 764 6400 Fax. ++44(0)121 764 7380

Product Type: Metal Polishing Paste
Use: Cleaning and polishing metals
Appearance: Paste in an Aluminium tube with screw cap or Metal-container

Distributor: TO ADD THEIR NAME, ADDRESS, TELEPHONE AND FAX NUMBER HERE
as well as relevant details of national poison centers
where advice is available to medical practitioners only.

2. COMPOSITION

The Product contains the following hazardous components

Ammonia solution (25%) (CAS 1336-21-6)	1-5%	C, N	R34, R50
Kerosene 200-230	5-15%	Xn, Xi	R10, R38, R65, R66, (CAS 8008-20-6/64742-81-0)
White Spirit 150/200N R51/53 (CAS 64742-82-1)	5-15%	Xn, Xi, N	R10, R38, R65/66/67,
Aluminiumoxide (pigments) (CAS 1344-28-1)	20-30%	—	
Distilled Fatty Acids (CAS 67701-06-8)	5-15%	—	

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				

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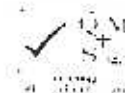
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3. HAZARDS IDENTIFICATION

<u>Eye Contact</u>	Contact with eyes may cause irritation and conjunctivitis.
<u>Skin Contact</u>	Irritating to skin (R38).
<u>Inhalation</u>	Repeated and prolonged exposure to high concentrations of vapour may result in central nervous system damage. When vapour pressure is low there are no adverse effects.
<u>Ingestion</u>	Ingestion or vomiting may cause health problems in digestive tract or breathing-system and cause nausea, diarrhoea, drowsiness and swelling of stomach.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

4. FIRST-AID MEASURES

<u>Eye Contact:</u>	Irrigate eye immediately with copious amounts of water. Continue to rinse with water for 15 minutes. If irritation persists seek medical advice
<u>Skin Contact</u>	Wash with water until soapiness is removed.
<u>Inhalation</u>	Remove to fresh air and keep at rest until symptoms resolve.
<u>Ingestion</u>	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.

5. FIRE-FIGHTING MEASURES

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

<u>Specific Dangers</u>	Combustion products may include carbon monoxide, oxides of nitrogen, oxides of sulphur, unburnt hydrocarbons.
<u>Extinguisher Type</u>	Use dry foam, dry chemical or water spray, carbon dioxide sand or earth to extinguish the fire.

6. ACCIDENTAL RELEASE MEASURES: see also sections 2 and 17

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.

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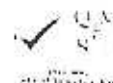
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13. Hazardous Substances

This preparation is classified as dangerous for supply in the EU as follows:



Xi - Irritant

Risk Phrases	Xi	Irritant
	R38	Irritating to skin
	R52/R53	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
	S46	If swallowed, seek medical advice immediately and show this container or label

The following Directives are relevant to the above classification and labelling of this preparation:

European Parliament & Council Directive 1999/45/EC of 31 May 1999 concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations.

16. 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.

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1. Identification and Use

Handling anticipated. Storage

Use in well ventilated areas, wear suitable gloves if prolonged exposure is anticipated.
Store in a cool, dry, frost free place, out of reach of children, closed in original packs..

2. EXPOSURE CONTROL AND PERSONAL PROTECTION

Occupational Exposure Limits:

The product contains white spirit which has an Occupational Exposure Limit of : OELsol 600mg/m³ (8 hour Time Weighted Average) (Source: UK Document EH40 Occupational Exposure Limits UK)

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.

3. PHYSICAL AND CHEMICAL PROPERTIES

<u>Physical State</u>	Paste
<u>Colour</u>	slightly red
<u>Odour</u>	slightly ammonia
<u>pH</u>	9.5 - 11.5
<u>Filled Product Density</u>	1.14 - 1.17
<u>Viscosity</u>	60000-80000 cps (20°C) More than 7x10 ⁶ m ² /sec (40°C)

10. STABILITY AND REACTIVITY

<u>Stability</u>	Stable under normal conditions.
<u>Conditions / Materials to avoid.</u>	Strong oxidising agents and temperatures in excess of 50°C.
<u>Decomposition Products</u>	none known - see section 5 for combustion products

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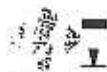
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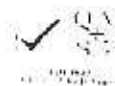
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11. TOXICOLOGICAL INFORMATION

$$2.5 \times 10^{-4} \text{ mol/L} \times 100 \text{ mL} = 2.5 \times 10^{-2} \text{ mol}$$

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 headache 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.

12. ECOLOGICAL INFORMATION: see also sections 8 - 13 and 15

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.

13. 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.

14. TRANSPORT INFORMATION

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



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