



SAFETY DATA SHEET METAL POLISH

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	METAL POLISH
Product number	MP325, MP325AU, MP325NL/F, MP325SP/P, MP325SCAN, MP325SW/F
Internal identification	MP/81/18701

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses	Solvent based abrasive polish for metals
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1.3. Details of the supplier of the safety data sheet

Supplier	Autoglym Works Road Letchworth Herts SG6 1LU UK sds@autoglym.com
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1.4. Emergency telephone number

Emergency telephone	+44 (0) 1462 489498 (24Hrs)
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards	Flam. Liq. 3 - H226
Health hazards	STOT SE 3 - H336
Environmental hazards	Not Classified

2.2. Label elements

Pictogram



Signal word	Warning
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Hazard statements	H226 Flammable liquid and vapour. H336 May cause drowsiness or dizziness.
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Precautionary statements	<p>P102 Keep out of reach of children.</p> <p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P261 Avoid breathing fume.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.</p> <p>P312 Call a POISON CENTER/ doctor if you feel unwell.</p> <p>P405 Store locked up.</p>
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Contains Naptha (Petroleum), Hydrotreated Heavy

Supplementary precautionary statements P501 Dispose of contents/ container in accordance with national regulations.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Naptha (Petroleum), Hydrotreated Heavy			30-60%
CAS number: 64742-48-9	EC number: 265-150-3	REACH registration number: 01-2119486659-16-XXXX	
Classification		Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 3 - H226		Carc. Cat. 2;R45 Muta. Cat. 2;R46 Xn;R65	
STOT SE 3 - H336			
Asp. Tox. 1 - H304			
Distillates (petroleum), hydrotreated light			10-30%
CAS number: 64742-47-8	EC number: 265-149-8	REACH registration number: 01-2119484819-18-XXXX	
Classification			
Asp. Tox. 1 - H304			
Ethanol			1-5%
CAS number: 64-17-5	EC number: 200-578-6	REACH registration number: 01-2119457610-43-XXXX	
Classification		Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 2 - H225		F;R11	

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Methanol		<1%
CAS number: 67-56-1	EC number: 200-659-6	REACH registration number: 01-2119392409-28-XXXX
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 2 - H225	F;R11 T;R23/24/25,R39/23/24/25	
Acute Tox. 3 - H301		
Acute Tox. 3 - H311		
Acute Tox. 3 - H331		
STOT SE 1 - H370		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Ingestion	Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention immediately.
Skin contact	Wash skin thoroughly with soap and water or use an approved skin cleanser.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 15 minutes and get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	The product contains organic solvents. Vapours may cause drowsiness and dizziness. May cause damage to mucous membranes in nose, throat, lungs and bronchial system.
Ingestion	May cause discomfort. Nausea, vomiting. Diarrhoea.
Skin contact	Prolonged contact may cause redness, irritation and dry skin.
Eye contact	Irritation of eyes and mucous membranes.

4.3. Indication of any immediate medical attention and special treatment needed

Specific treatments	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use alcohol-resistant foam, carbon dioxide or dry powder to extinguish.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards	Flammable liquid and vapour. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.
Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours. Carbon dioxide (CO ₂). Carbon monoxide (CO).

5.3. Advice for firefighters

Protective actions during firefighting	Do not use water jet as an extinguisher, as this will spread the fire. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke.
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Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with skin, eyes and clothing. No smoking, sparks, flames or other sources of ignition near spillage. Avoid inhalation of vapours.

6.2. Environmental precautions

Environmental precautions Do not allow to enter drainage system, surface or ground water. Prevent material from reaching sewage system, holes and cellars.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb small quantities with paper towels and evaporate in a safe place. Absorb spillage with non-combustible, absorbent material. No smoking, sparks, flames or other sources of ignition near spillage.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions For personal protection, see Section 8.

Advice on general occupational hygiene Do not eat, drink or smoke when using this product. Provide eyewash station. Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store at room temperature. Store in accordance with local regulations.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Ethanol

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m³

Methanol

Long-term exposure limit (8-hour TWA): WEL 200 ppm 266 mg/m³

Short-term exposure limit (15-minute): WEL 250 ppm 333 mg/m³

Sk

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

8.2. Exposure controls

Protective equipment



Appropriate engineering controls Avoid inhalation of vapours.

Eye/face protection Wear eye protection.

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Hand protection Wear protective gloves. The breakthrough time for any glove material may be different for different glove manufacturers.

Hygiene measures Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Creamy liquid.
Colour	Beige.
Odour	Organic solvents.
Odour threshold	No information available.
pH	Not applicable.
Initial boiling point and range	>180°C
Flash point	~ 29.0°C Setaflash closed cup.
Evaporation rate	No information available.
Evaporation factor	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	No information available.
Vapour density	No information available.
Relative density	~ 1.12
Solubility(ies)	Immiscible with water.
Partition coefficient	No information available.
Auto-ignition temperature	No information available.
Viscosity	Kinematic viscosity > 20.5 mm ² /s.
Explosive properties	No information available.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Under normal conditions of storage and use, no hazardous reactions will occur.

10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid Avoid contact with the following materials: Strong acids. Strong oxidising agents.

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10.6. Hazardous decomposition products

Hazardous decomposition products None at ambient temperatures.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg) 72,727.27

Acute toxicity - dermal

ATE dermal (mg/kg) 218,181.82

Acute toxicity - inhalation

ATE inhalation (gases ppm) 509,090.91

ATE inhalation (vapours mg/l) 2,181.82

ATE inhalation (dusts/mists mg/l) 363.64

Inhalation Vapours may cause drowsiness and dizziness.

SECTION 12: Ecological Information

12.1. Toxicity

Toxicity Not determined.

12.2. Persistence and degradability

Phototransformation Not determined.

Stability (hydrolysis) Not determined.

Biodegradation Expected to be readily biodegradable.

Biological oxygen demand Not determined.

12.3. Bioaccumulative potential

Partition coefficient No information available.

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

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Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

**Annex II of MARPOL 73/78
and the IBC Code**

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date	23/04/2015
Revision	12
SDS number	21736
Hazard statements in full	H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H301 Toxic if swallowed. H304 May be fatal if swallowed and enters airways. H311 Toxic in contact with skin. H331 Toxic if inhaled. H336 May cause drowsiness or dizziness. H370 Causes damage to organs .
Signature	Daniel Higgs

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