

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 19.08.2014

Revision: 19.08.2014

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

- **Product identifier**
- **Trade name: Unipol metal polish**
- **Article number:** AGC807B
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the preparation:** No data available.
- **Details of the supplier of the safety data sheet**
- **Supplier.**
Agar Scientific
Elektron Technology UK Ltd
Parsonage Lane
Stansted CM24 8GF
United Kingdom
sales@agarscientific.com
Tel: +44 (0) 1279 813 519
- **Further information obtainable from:** Technical Support
- **Emergency telephone number:** 24 hours: +44 (0)1856 407333

2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS08 health hazard

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.



GHS05 corrosion

Skin Corr. 1B H314 Causes severe skin burns and eye damage.



GHS07

STOT SE 3 H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

- **Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS05 GHS07 GHS08

- **Signal word** Danger
- **Hazard-determining components of labelling:**
Distillates (petroleum), hydrotreated light
Ammonia solution

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· Hazard statements

- H314 Causes severe skin burns and eye damage.
 H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.
 H304 May be fatal if swallowed and enters airways.
 H412 Harmful to aquatic life with long lasting effects.

· Precautionary statements

- P101 If medical advice is needed, have product container or label at hand.
 P102 Keep out of reach of children.
 P103 Read label before use.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 Immediately call a POISON CENTER or doctor/physician.
 P405 Store locked up.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· Other hazards
· Results of PBT and vPvB assessment

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

· Chemical characterization: Mixtures

- **Description:** Mixture of substances listed below with nonhazardous additions.

· Dangerous components:

CAS: 64742-47-8 EINECS: 265-149-8	Distillates (petroleum), hydrotreated light ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304	20-40%
CAS: 64742-49-0 EINECS: 265-151-9	Naphtha (petroleum), hydrotreated light ⚠ Flam. Liq. 1, H224; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; STOT SE 3, H336	2.5-10%
CAS: 1336-21-6 EINECS: 215-647-6	Ammonia solution ⚠ Skin Corr. 1B, H314; ⚠ Aquatic Acute 1, H400	0.1-5%
CAS: 1344-28-1 EINECS: 215-691-6	Aluminium oxide	20-40%

4 First aid measures

· Description of first aid measures

- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:** Ensure supply of fresh air. In the event of symptoms refer for medical treatment.
- **After skin contact:**
When in contact with the skin, clean with soap and water. Consult a doctor if skin irritation persists.
- **After eye contact:**
In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.
- **After swallowing:**
Rinse out mouth and give plenty of water to drink. Do not induce vomiting. Refer for medical treatment.
- **Information for doctor:** Treat symptomatically.
- **Most important symptoms and effects, both acute and delayed**
No further relevant information available.

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- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Water spray jet. Dry powder. Carbon dioxide. Foam.
- **Special hazards arising from the substance or mixture**
Risk of formation of toxic pyrolysis products.
- **Advice for firefighters**
- **Protective equipment:** Use self-contained breathing apparatus.
- **Additional information**
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
High risk of slipping due to leakage/spillage of product. Ensure adequate ventilation . Keep away sources of ignition.
- **Environmental precautions:** Do not discharge into the drains/ surface waters/ groundwater.
- **Methods and material for containment and cleaning up:**
Take up mechanically. Dispose of absorbed material in accordance with the regulations.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling** Use only in well-ventilated areas.
- **Information about fire - and explosion protection:** No special measures necessary.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store in a cool location.
Provide solvent-resistant and impermeable floor. Keep only in original container.
- **Information about storage in one common storage facility:**
Do not store together with oxidizing agents.
- **Further information about storage conditions:**
Keep container tightly closed. Keep container in a well-ventilated place. Protect from heat/overheating.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

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- **Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

1336-21-6 Ammonia solution

WEL	Short-term value: 25 mg/m ³ Long-term value: 18 mg/m ³
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- **Additional information:**

Ingredients with occupational exposure limits to be monitored:

(Substance - CAS - Value):

 Aluminium oxide - 1344-28-1 - MAK: 6 mg/m³ A 2000

Ammonia solution - 1336-21-6 - MAK: 50 ppm Y 2000

Distillates (petroleum), hydrotreated light - 64742-47-8 - MAK: 100 ppm 2000

Naphtha (petroleum), hydrotreated light - 64742-49-0 - MAK: 200 ppm 2000

- **Exposure controls**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

Avoid contact with eyes and skin. Do not inhale vapours.

Wash hands before breaks and after work. Use barrier skin cream.

- **Respiratory protection:** Normally not necessarily.

- **Protection of hands:**



Protective gloves

Protective gloves (DIN/EN 374)

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**



Tightly sealed goggles

9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form:	Pasty
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Colour:	Blue
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- **Odour:** Characteristic

- **Odour threshold:** Not determined.

- **pH-value at 20 °C:** 9-10

- **Change in condition**

Melting point/Melting range:	Undetermined.
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Boiling point/Boiling range:	Undetermined.
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· Flash point:	> 70 °C
· Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	
Decomposition temperature:	Not determined.
· Self-igniting:	Product is not selfigniting.
· Danger of explosion:	Not determined.
· Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
· Vapour pressure:	Not determined.
· Density at 20 °C:	1.17 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with water:	Partial soluble
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic at 40 °C:	>7 mm ² /s
· Other information	No further relevant information available.

10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** Reactions with oxidising agents.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
The product was classified on the basis of the calculation procedure of the preparation directive.
No toxicological data are available.
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.

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- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Toxic for fish
- **Additional ecological information:**
- **General notes:**
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation** Dispose of as hazardous waste.
- **Uncleaned packaging:**
- **Recommendation:**
Disposal must be made according to official regulations.
Untampered packaging may be taken for recycling. Packaging that cannot be cleaned should be disposed of as for product.

14 Transport information

- | | |
|--|-----------------------------------|
| · UN-Number | |
| · ADR, IMDG, IATA | Void |
| · UN proper shipping name | |
| · ADR, IMDG, IATA | Not classified as Dangerous Goods |
| · Transport hazard class(es) | - |
| · Packing group | - |
| · Environmental hazards: | |
| · Marine pollutant: | No |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |

15 Regulatory information

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge and should assist the user with the safe handling of this material when properly applied. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**
H224 Extremely flammable liquid and vapour.

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H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.

• **Department issuing MSDS:** Sales department

• **Contact:**

sales@agarscientific.com

Tel: +44 (0) 1279 813 519

• **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

GB