



SAFETY DATA SHEET

Ampho-Mag Neutraliser

According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

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

1.1. Product identifier

Product name Ampho-Mag Neutraliser

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

Identified uses Absorbent

Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier New Pig Ltd.
Hogs Hill, Watt Place
Hamilton International Technology Park
Blantyre, Glasgow, G72 0AH
UK
E: pigpen@newpig.com
Web: www.newpig.co.uk
T: +44 (0) 1698 727 400

Manufacturer Premier Magnesia, LLC
300 Barr Harbor
Suite 250
West Conshohocken
PA 19428-2998
USA

1.4. Emergency telephone number

Emergency telephone +44 (0) 1698 727 400
Monday - Friday 08:00 - 17:00

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

Human health Caution! Handling may generate dusts. Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.

2.2. Label elements

Hazard statements NC Not Classified

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Supplemental label information EUH210 Safety data sheet available on request.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Magnesium oxide	65 - 70%
CAS number: 1309-48-4	EC number: 215-171-9
Substance with National workplace exposure limits.	
Classification	
Not Classified	

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	The comments refer to the product in its unused state. If product is used: Where necessary refer to the absorbed liquid's Safety Data Sheet.
Inhalation	Dusty powder. IF INHALED: Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any discomfort continues.
Skin contact	Rinse with water.
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

Inhalation	Dust may irritate the respiratory system. Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.
Ingestion	May cause discomfort if swallowed.
Skin contact	Prolonged contact may cause dryness of the skin.
Eye contact	Particles in the eyes may cause irritation and smarting.

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

Notes for the doctor	The severity of the symptoms described will vary dependent on the concentration and the length of exposure. If product is used: Where necessary refer to the absorbed liquid's Safety Data Sheet.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. If product is used: Where necessary refer to the absorbed liquid's Safety Data Sheet.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

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5.2. Special hazards arising from the substance or mixture

Specific hazards Where necessary refer to the absorbed liquid's Safety Data Sheet.

Hazardous combustion products If product is unused: No known hazardous decomposition products.

5.3. Advice for firefighters

Protective actions during firefighting Avoid breathing fire gases or vapours. Avoid generation and spreading of dust.

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 For personal protection, see Section 8.

6.2. Environmental precautions

Environmental precautions Avoid spreading dust or contaminated materials. Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up If product is unused: Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into suitable waste disposal containers and seal securely. If product is used: Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Where necessary refer to the absorbed liquid's Safety Data Sheet.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Where necessary refer to the absorbed liquid's Safety Data Sheet. Stop leak if safe to do so. Do not touch or walk into spilled material. Employ the absorbent product to contain, and soak up spilled material. Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water.

Advice on general occupational hygiene Wash hands thoroughly after handling. When using do not eat, drink or smoke.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in a dry place. Keep away from heat, sparks and open flame.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

Magnesium oxide

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Long-term exposure limit (8-hour TWA): WEL 4 mg/m³ fume and respirable dust as Mg

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ inhalable dust as Mg

WEL = Workplace Exposure Limit

8.2. Exposure controls

Appropriate engineering controls	When using in large quantities, local exhaust ventilation may be required to minimise exposure. Mechanical ventilation or local exhaust ventilation may be required.
Eye/face protection	No specific eye protection required during normal use. If product is used: Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Where necessary refer to the absorbed liquid's Safety Data Sheet.
Hand protection	It is recommended that chemical-resistant, impervious gloves are worn.
Hygiene measures	Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.
Respiratory protection	If dust is generated: Wear a suitable dust mask.
Environmental exposure controls	Do not allow any environmental contamination.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Dusty powder.
Colour	White/off-white. Tan.
Odour	Odourless.
Odour threshold	Not available.
pH	pH (diluted solution): 10-11 10%
Melting point	>2100°C
Initial boiling point and range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Upper/lower flammability or explosive limits	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	0.64-1.1
Solubility(ies)	Slightly soluble in water.
Partition coefficient	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity	Not applicable.
Explosive properties	Not considered to be explosive.
Oxidising properties	Does not meet the criteria for classification as oxidising.

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9.2. Other information

Other information No information required.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity The product reacts with water and will generate heat.

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 Will not polymerise.

10.4. Conditions to avoid

Conditions to avoid There are no known conditions that are likely to result in a hazardous situation.

10.5. Incompatible materials

Materials to avoid Acids. Caustics. The following materials may react violently with the product: Bromine Pentafluoride (BrF₅) Chlorine Trifluoride (ClF₃) Phosphorous Pentachloride (PCl₅).

10.6. Hazardous decomposition products

Hazardous decomposition products No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects Not regarded as a health hazard under current legislation. If product is used: Where necessary refer to the absorbed liquid's Safety Data Sheet.

Acute toxicity - oral

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Animal data Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation Based on available data the classification criteria are not met.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

Carcinogenicity

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Carcinogenicity Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Reproductive toxicity - development Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met.

Aspiration hazard

Aspiration hazard Based on available data the classification criteria are not met.

Inhalation Dust may irritate the respiratory system. Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.

Ingestion May cause discomfort if swallowed.

Skin contact Prolonged contact may cause dryness of the skin.

Eye contact Particles in the eyes may cause irritation and smarting.

Toxicological information on ingredients.

Magnesium oxide

Toxicological effects Not regarded as a health hazard under current legislation.

SECTION 12: Ecological information

Ecotoxicity The comments refer to the product in its unused state. Not regarded as dangerous for the environment. If product is used: Where necessary refer to the absorbed liquid's Safety Data Sheet.

12.1. Toxicity

Toxicity Aquatic toxicity is unlikely to occur.

Ecological information on ingredients.

Magnesium oxide

Toxicity No negative effects on the aquatic environment are known.

12.2. Persistence and degradability

Persistence and degradability Not relevant.

Ecological information on ingredients.

Magnesium oxide

Persistence and degradability The product contains only inorganic substances which are not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential Not relevant.

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Partition coefficient Not available.

Ecological information on ingredients.

Magnesium oxide

Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

Mobility Not considered mobile.

Ecological information on ingredients.

Magnesium oxide

Mobility No data available.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment Not relevant.

Ecological information on ingredients.

Magnesium oxide

Results of PBT and vPvB assessment No data available.

12.6. Other adverse effects

Other adverse effects Do not discharge into drains or watercourses or onto the ground. Risk of: Blockage

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Where necessary refer to the absorbed liquid's Safety Data Sheet.

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

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.

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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 Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

National regulations	EH40/2005 Workplace exposure limits.
EU legislation	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Commission Regulation (EU) No 453/2010 of 20 May 2010. 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

No chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet	ATE: Acute Toxicity Estimate. ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. IATA: International Air Transport Association. IMDG: International Maritime Dangerous Goods. LC ₅₀ : Lethal Concentration to 50 % of a test population. LD ₅₀ : Lethal Dose to 50% of a test population (Median Lethal Dose). PBT: Persistent, Bioaccumulative and Toxic substance. RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail. MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.
Classification procedures according to Regulation (EC) 1272/2008	Not classified.
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