



# Safety Data Sheet

This safety data sheet was created pursuant to the requirements of:  
Regulation (EC) No. 1907/2006, Regulation (EC) No. 1272/2008 and  
Regulation (EU) No. 2020/878

Revision Date: 20-Feb-2023

Version 2

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

### 1.1. Product identifier

SDS # NPL-S108-EU  
Product Name Ampho-Mag Neutraliser

### Other means of identification

Pure substance/mixture Mixture

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

Recommended Use Acid-base neutralizer for spill cleanup

### 1.3. Details of the supplier of the safety data sheet

#### Manufacturer

Premier Magnesia LLC  
75 Giles Place  
Waynesville, NC 28786

#### Supplier

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

New Pig B.V.  
Concorde 5  
Business Park Midden-Brabant Poort  
RM Gilze  
Netherlands  
E: pigpost@newpig.com  
T: +31 (0) 76 596 9250  
W: www.newpig.eu

For further information, please contact

Contact Point New Pig Ltd. T: +44 (0) 1698 727 400  
New Pig B.V.T: +31 (0) 76 596 9250  
Email Address UK: pigpen@newpig.com  
B.V.: pigpost@newpig.com

### 1.4. Emergency telephone number

Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

Emergency Telephone Number - §45 - (EC)1272/2008

Europe 112

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

**2.2. Label elements**

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

**Hazard statements**

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]  
EUH210 - Safety data sheet available on request

**2.3. Other hazards**

No information available.

**Endocrine Disruptor Information** This product does not contain any known or suspected endocrine disruptors.

**SECTION 3: Composition/information on ingredients****3.1 Substances**

Not applicable

**3.2 Mixtures**

Chemical name	Weight-%	REACH registration number	EC No (EU Index No)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
Magnesium Oxide 1309-48-4	65-70	No data available	215-171-9	No data available	-	-	-

**Full text of H- and EUH-phrases: see section 16**

**Acute Toxicity Estimate**

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

Chemical name	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapour - mg/L	Inhalation LC50 - 4 hour - gas - ppm
Magnesium Oxide 1309-48-4	3990 3870	No data available	No data available	No data available	No data available

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

**Additional Information**

Substances without a classification are included, because they have established occupational exposure limits

**SECTION 4: First aid measures****4.1. Description of first aid measures**

<b>Inhalation</b>	Remove to fresh air.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor.
<b>Skin contact</b>	In the case of skin irritation or allergic reactions see a doctor. Wash skin with soap and water.

Ingestion	Rinse mouth.
-----------	--------------

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

Symptoms	No information available.
----------	---------------------------

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

Note to doctors	Treat symptomatically.
-----------------	------------------------

**SECTION 5: Firefighting measures****5.1. Extinguishing media**

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
------------------------------	---

Large Fire	CAUTION: Use of water spray when fighting fire may be inefficient.
------------	--

Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.
--------------------------------	---

**5.2. Special hazards arising from the substance or mixture**

Specific hazards arising from the chemical	No information available.
--	---------------------------

Hazardous combustion products	Heat and steam.
-------------------------------	-----------------

**5.3. Advice for firefighters**

Special protective equipment and precautions for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.
--	--

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions	Ensure adequate ventilation.
----------------------	------------------------------

For emergency responders	Use personal protection recommended in Section 8.
--------------------------	---

**6.2. Environmental precautions**

Environmental precautions	See Section 12 for additional Ecological Information.
---------------------------	---

**6.3. Methods and material for containment and cleaning up**

Methods for containment	Prevent further leakage or spillage if safe to do so.
-------------------------	---

Methods for cleaning up	Take up mechanically, placing in appropriate containers for disposal.
-------------------------	---

Prevention of secondary hazards	Clean contaminated objects and areas thoroughly observing environmental regulations.
---------------------------------	--

**6.4. Reference to other sections**

Reference to other sections	See section 8 for more information. See section 13 for more information.
-----------------------------	--

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

**Advice on safe handling** Ensure adequate ventilation.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep container tightly closed in a dry and well-ventilated place.

**Storage class (TRGS 510)** LGK 11.

**7.3. Specific end use(s)****Specific Use(s)**

Acid-base neutralizer for spill cleanup.

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure Limits**

Chemical name	European Union	Austria	Belgium	Bulgaria	Croatia
Magnesium Oxide 1309-48-4	-	TWA: 5 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup> STEL 20 mg/m <sup>3</sup> STEL 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	TWA: 10.0 mg/m <sup>3</sup>	TWA: 4 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup>
Chemical name	Cyprus	Czech Republic	Denmark	Estonia	Finland
Magnesium Oxide 1309-48-4	-	TWA: 5 mg/m <sup>3</sup> Ceiling: 10 mg/m <sup>3</sup>	TWA: 6 mg/m <sup>3</sup>	-	-
Chemical name	France	Germany TRGS	Germany DFG	Greece	Hungary
Magnesium Oxide 1309-48-4	TWA: 10 mg/m <sup>3</sup>	TWA: 1.25 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup>	TWA: 0.3 mg/m <sup>3</sup> TWA: 4 mg/m <sup>3</sup> Peak: 2.4 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	TWA: 6 mg/m <sup>3</sup>
Chemical name	Ireland	Italy MDLPS	Italy AIDII	Latvia	Lithuania
Magnesium Oxide 1309-48-4	TWA: 4 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup> STEL: 12 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup>	-	TWA: 10 mg/m <sup>3</sup>	-	TWA: 4 mg/m <sup>3</sup>
Chemical name	Luxembourg	Malta	Netherlands	Norway	Poland
Magnesium Oxide 1309-48-4	-	-	-	TWA: 10 mg/m <sup>3</sup> STEL: 20 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>
Chemical name	Portugal	Romania	Slovakia	Slovenia	Spain
Magnesium Oxide 1309-48-4	TWA: 10 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> STEL: 15 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> TWA: 4 mg/m <sup>3</sup>	-	TWA: 10 mg/m <sup>3</sup>
Chemical name	Sweden		Switzerland		United Kingdom
Magnesium Oxide 1309-48-4	-		TWA: 3 mg/m <sup>3</sup>		TWA: 10 mg/m <sup>3</sup> TWA: 4 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup> STEL: 12 mg/m <sup>3</sup>

**Biological occupational exposure limits** This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

**Derived No Effect Level (DNEL) - Workers** No information available

**Derived No Effect Level (DNEL) - General Public** No information available.

**Predicted No Effect Concentration (PNEC)** No information available.

## 8.2. Exposure controls

**Engineering controls** Apply technical measures to comply with the occupational exposure limits.

### **Personal Protective Equipment**

**Eye/face protection** Goggles.

**Skin and body protection** Wear suitable protective clothing.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

**Environmental exposure controls** No information available.

## **SECTION 9: Physical and chemical properties**

### 9.1. Information on basic physical and chemical properties

<b>Physical state</b>	Solid
<b>Appearance</b>	White/tan powder
<b>Colour</b>	White/tan
<b>Odour</b>	Odourless.
<b>Odour Threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>Melting point / freezing point</b>	> 2100 °C	
<b>Initial boiling point and boiling range</b>	No data available	
<b>Flammability (Solid, Gas)</b>	No data available	
<b>Flammability Limit in Air</b>		
<b>Upper flammability or explosive limits</b>	No data available	
<b>Lower flammability or explosive limits</b>	No data available	
<b>Flash point</b>	No data available	
<b>Autoignition temperature</b>	No data available	
<b>Decomposition temperature</b>		
<b>pH</b>	No data available	
<b>pH (as aqueous solution)</b>	No data available	
<b>Kinematic viscosity</b>	No data available	
<b>Dynamic Viscosity</b>	No data available	
<b>Water solubility</b>	No data available	
<b>Solubility(ies)</b>	No data available	
<b>Partition Coefficient</b>	No data available	
<b>Vapour Pressure</b>	No data available	
<b>Relative Density</b>	0.64 – 1.1 g/cc	
<b>Bulk Density</b>	40-65 lb. / ft <sup>3</sup>	
<b>Liquid Density</b>	No data available	
<b>Vapour Density</b>	No data available	

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>Particle characteristics</b>		
Particle Size	No information available	
Particle Size Distribution	No information available	

**9.2. Other information*****9.2.1. Information with regards to physical hazard classes***

Not applicable

***9.2.2. Other safety characteristics***

No information available

**SECTION 10: Stability and reactivity****10.1. Reactivity**

<b>Reactivity</b>	No information available.
-------------------	---------------------------

**10.2. Chemical stability**

<b>Stability</b>	Stable under normal conditions.
------------------	---------------------------------

**Explosion Data**

Sensitivity to mechanical impact	None.
----------------------------------	-------

Sensitivity to static discharge	None.
---------------------------------	-------

**10.3. Possibility of hazardous reactions**

<b>Possibility of hazardous reactions</b>	None under normal processing.
---	-------------------------------

**10.4. Conditions to avoid**

<b>Conditions to avoid</b>	Extremes of temperature and direct sunlight. Exposure to water.
----------------------------	---

**10.5. Incompatible materials**

<b>Incompatible materials</b>	Acids. Bases.
-------------------------------	---------------

**10.6. Hazardous decomposition products**

<b>Hazardous Decomposition Products</b>	Heat and steam.
---	-----------------

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Information on likely routes of exposure**

<b>Product Information</b>	No acute toxicity information is available for this product
----------------------------	---

**Symptoms related to the physical, chemical and toxicological characteristics**

<b>Symptoms</b>	Please see section 4 of this SDS for symptoms.
-----------------	--

**Acute toxicity**

<b>Numerical measures of toxicity</b>	
---------------------------------------	--

The following values are calculated based on chapter 3.1 of the GHS document  
ATEmix (oral) 3,593.60 mg/kg

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Magnesium Oxide	= 3990 mg/kg ( Rat ) = 3870 mg/kg ( Rat )	-	-

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Skin corrosion/irritation</b>	Not classified.
<b>Serious eye damage/eye irritation</b>	Not classified.
<b>Respiratory or skin sensitisation</b>	Not classified.
<b>Germ cell mutagenicity</b>	Not classified.
<b>Carcinogenicity</b>	Not classified.
<b>Reproductive toxicity</b>	Not classified.
<b>STOT - single exposure</b>	Not classified.
<b>STOT - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Not classified.

**11.2. Information on other hazards****11.2.1. Endocrine disrupting properties**

**Endocrine disrupting properties** This product does not contain any known or suspected endocrine disruptors.

**11.2.2. Other information**

**Other Adverse Effects** No information available.

**SECTION 12: Ecological information****12.1. Toxicity**

**Ecotoxicity** The environmental impact of this product has not been fully investigated.

**12.2. Persistence and degradability**

**Persistence/Degradability** No information available.

**12.3. Bioaccumulative potential**

**Bioaccumulation** There is no data for this product.

**12.4. Mobility in soil**

**Mobility in Soil** No information available.

**12.5. Results of PBT and vPvB assessment**

**PBT and vPvB assessment** The product does not contain any substance(s) classified as PBT or vPvB.

**12.6. Endocrine disrupting properties**

**Endocrine disrupting properties** No information available.

**12.7. Other adverse effects**

No information available.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

**Waste from residues/unused products** Dispose of waste in accordance with environmental legislation. Dispose of in accordance with local regulations.

**Contaminated packaging** Do not reuse empty containers.

**SECTION 14: Transport information****IMDG**

**14.2 Proper Shipping Name** Not regulated

**RID**

**14.2 Proper Shipping Name** Not regulated

**ADR**

**14.2 Proper Shipping Name** Not regulated

**IATA**

**14.2 Proper Shipping Name** Not regulated

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

**Authorisations and/or restrictions on use:**

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

**Persistent Organic Pollutants**

Not applicable

**Ozone-depleting substances (ODS) regulation (EC) 1005/2009**

Not applicable

**International Inventories**

Chemical name	TSCA	DSL/NDSL	EINECS/ELINCS	PICCS	ENCS	IECSC	AIIC	KECL
Magnesium Oxide 1309-48-4 ( 65-70 )	X	X	X	X	X	X	X	X

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances  
**NZIoC** - New Zealand Inventory of Chemicals

**15.2. Chemical safety assessment**

**Chemical Safety Report** No information available

**SECTION 16: Other information****Key or legend to abbreviations and acronyms used in the safety data sheet****Legend**

SVHC: Substances of Very High Concern for Authorisation:

**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)  
 Ceiling Maximum limit value \* Skin designation  
 + Sensitisers

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitisation	Calculation method
Skin sensitisation	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

**Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)  
 U.S. Environmental Protection Agency ChemView Database  
 European Food Safety Authority (EFSA)  
 European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA\_RAC)  
 European Chemicals Agency (ECHA) (ECHA\_API)  
 EPA (Environmental Protection Agency)  
 Acute Exposure Guideline Level(s) (AEGl(s))  
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
 U.S. Environmental Protection Agency High Production Volume Chemicals  
 Food Research Journal  
 Hazardous Substance Database

---

International Uniform Chemical Information Database (IUCLID)  
National Institute of Technology and Evaluation (NITE)  
Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme  
Organisation for Economic Co-operation and Development Screening Information Data Set  
World Health Organization

**Issue Date:** 20-Jun-2022

**Revision Date:** 20-Feb-2023

**Revision Note:** Regulatory update

**Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)**

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**