

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** MAG ALKALINE WASH BOOSTER

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

**Use of substance / mixture:** Professional laundry product - alkali boost/builder

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

**Company name:** MAG Laundry Detergents

MAG House

Chatham Street

Halifax

West Yorkshire

HX1 5BU

**Tel:** 01422 244733

**Email:** [detergents@laundrymachines.co.uk](mailto:detergents@laundrymachines.co.uk)

**1.4. Emergency telephone number**

**Emergency tel:** 01422 244733

(office hours only)

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification under CLP:** Acute Tox. 4: H302; Skin Corr. 1A: H314

**Most important adverse effects:** Harmful if swallowed. Causes severe skin burns and eye damage.

**2.2. Label elements**

**Label elements:**

**Hazard statements:** H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

**Hazard pictograms:** GHS05: Corrosion

GHS07: Exclamation mark



**Signal words:** Danger

**Precautionary statements:** P280: Wear protective gloves/clothing and eye/face protection.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water .

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

P310: Immediately call a doctor.

**Haz. ingredients (label):** POTASSIUM HYDROXIDE

### 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

POTASSIUM HYDROXIDE - REACH registered number(s): 01-2119487136-33-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
215-181-3	1310-58-3	-	Acute Tox. 4: H302; Skin Corr. 1A: H314	10-30%

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Remove contaminated clothing immediately and rinse skin with plenty of water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Remove contact lenses, if present and easy to do. Immediately call a doctor.

**Ingestion:** Immediately rinse mouth and drink plenty of water (200-300ml). Do not induce vomiting. Immediately call a doctor.

**Inhalation:** Provide fresh air. Get medical attention or advice if you feel unwell.

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

**Skin contact:** May cause serious chemical burns to the skin.

**Eye contact:** May cause permanent damage.

**Ingestion:** May cause chemical burns in mouth, oesophagus and stomach.

**Inhalation:** No known effects or symptoms in normal use.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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

**Immediate / special treatment:** Not applicable.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Carbon dioxide. Water spray. Dry chemical powder. Use water spray to cool containers.

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

**Exposure hazards:** No special hazards known

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**Section 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

**6.2. Environmental precautions**

**Environmental precautions:** Do not discharge into drains or rivers. Dilute with plenty of water.

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

**Clean-up procedures:** Use neutralising agent. Absorb with inert liquid-binding material (sand, dry earth, diatomite, universal binders, sawdust).

**6.4. Reference to other sections**

**Reference to other sections:** Refer to section 8 of SDS.

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

**Handling requirements:** Avoid the formation or spread of mists in the air. Avoid direct contact with the substance.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.

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

**Specific end use(s):** No data available.

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Hazardous ingredients:**

**POTASSIUM HYDROXIDE**

**Workplace exposure limits:**

**Respirable dust:**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
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UK	-	2 mg/m <sup>3</sup>	-	-
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**DNEL/PNEC Values**

**DNEL / PNEC** No data available.

**8.2. Exposure controls**

**Engineering measures:** Avoid direct contact and/or splashes where possible.

**Respiratory protection:** No special requirements under normal use conditions.

**Hand protection:** Wear suitable protective gloves, which comply with standard EN374.

**Eye protection:** Safety glasses.

**Skin protection:** Protective clothing.

**Environmental:** No special requirements under normal use conditions.

**Section 9: Physical and chemical properties**

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

**State:** Liquid

**Colour:** Yellow

**Odour:** Characteristic odour

**Solubility in water:** Soluble

**Viscosity:** Non-viscous

**Relative density:** 1.2 - 1.24

**pH:** 14

**9.2. Other information**

**Other information:** No data available.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

**Reactivity:** Stable under recommended storage and use conditions.

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

**10.4. Conditions to avoid**

**Conditions to avoid:** Heat.

**10.5. Incompatible materials**

**Materials to avoid:** Strong oxidising agents. Acids.

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** None known under normal storage and use conditions

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**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Hazardous ingredients:**

**POTASSIUM HYDROXIDE**

ORL	RAT	LD50	273	mg/kg
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**Relevant hazards for product:**

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	ING	Hazardous: calculated
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

**Symptoms / routes of exposure**

**Skin contact:** May cause serious chemical burns to the skin.

**Eye contact:** May cause permanent damage.

**Ingestion:** May cause chemical burns in mouth, oesophagus and stomach.

**Inhalation:** No known effects or symptoms in normal use.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

**Section 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicity values:** No data available.

**12.2. Persistence and degradability**

**Persistence and degradability:** Biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No bioaccumulation potential.

**12.4. Mobility in soil**

**Mobility:** Soluble in water.

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

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal operations:** The contents or contaminated packaging should be disposed of in line with local legislation/regulations. Release of waste to sewers is discouraged. The cleaned

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packaging material is suitable for energy recovery or recycling in line with local legislation.

**Disposal of packaging:** Dispose of observing national or local regulations.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

**14.1. UN number**

**UN number:** UN1719

**14.2. UN proper shipping name**

**Shipping name:** CAUSTIC ALKALI LIQUID, N.O.S.  
(POTASSIUM HYDROXIDE)

**14.3. Transport hazard class(es)**

**Transport class:** 8

**14.4. Packing group**

**Packing group:** II

**14.5. Environmental hazards**

**Environmentally hazardous:** No

**Marine pollutant:** No

**14.6. Special precautions for user**

**Special precautions:** No special precautions.

**Tunnel code:** E

**Transport category:** 2

**Section 15: Regulatory information**

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

**Specific regulations:** Regulation (EC) No. 1907/2006 - REACH (Registration, Evaluation, Authorisation and Restriction of Chemicals)  
Regulation (EC) No. 1272/2008 - CLP (classification, labelling and packaging of substances and mixtures)

**15.2. Chemical Safety Assessment**

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**Section 16: Other information**

**Other information**

**Other information:** according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

\* indicates text in the SDS which has changed since the last revision.

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**Phrases used in s.2 and s.3:** H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.