

Safety data sheet

Aqua Gel II

Version 2.0

Effective date: 14-06-2019

Revision date 13-04-2023

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product identifier.

Trade name: Aqua Gel II.

Product code: 31-378 / 31-371 / 31-375 / 31-3855

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

Product use: Wire/Cable Pulling Lubricant.

Uses advised against: None known.

1.3 Details of the Supplier of the safety data sheet:

Company: IDEAL INDUSTRIES Limited
Unit 3, Europa Court
Europa Boulevard, Warrington
Cheshire, WA5 7TN
United Kingdom
Tel.: +44 (0)1925 444446
eur.sales@idealindustries.com

1.4 Emergency telephone number:

UK: Contact The National Poisons Information Service (dial 111, 24 h service).

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture to CLP No 1272/2008/GB CLP.

Not classified.

2.2 Label elements CLP No 1272/2008/GB CLP.

Precautionary statements:

Prevention:
Observe good industrial hygiene practices.

Response:
Wash hands after handling.

Storage:
Store away from incompatible materials.

Disposal:
Dispose of waste and residues in accordance with local authority requirements.

Additional information:

EUH210 Safety data sheet available on request.

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2.3 Other hazards.

Contains no PBT or vPvB substances according to REACH No 1907/2006.

This mixture does not contain substances with endocrine disrupting properties in accordance with the criteria laid down in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures:

CAS/EC No	Name	Content %	Classification CLP
1310-58-3 / 215-181-3	20% Potassium hydroxide*	<2	Acute Tox. 4; H302, Skin Corr. 1A; H314.
52-51-7 / 200-143-0	Bronopol	<0.1	Acute Tox. 4, H302+ H312, Skin Irrit. 2, H315 Eye Dam. 1, H318, STOT SE 3, H335, Aquatic Acute 1, H400 (M=10).

*Potassium hydroxide, specific concentration limits:

(0.5 =<C < 2) Eye Irrit. 2, H319,

(0.5 =<C < 2) Skin Irrit. 2, H315,

(2 =<C < 5) Skin Corr. 1B, H314,

(C >= 5) Skin Corr. 1A, H314.

Occupational limits are listed in section 8, if these are available. See full text of H-phrases in section 16.

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures:

General information:	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
Inhalation:	Remove to fresh air. Get medical attention if symptoms occur.
Skin contact:	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact:	Rinse with water for at least 15 minutes. Get medical attention if irritation develops and persists.
Ingestion:	Rinse mouth. Do not induce vomiting. Get medical attention if symptoms occur.

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

Exposure may cause temporary irritation, redness, or discomfort.
Prolonged inhalation may be harmful.

May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.

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

Treat symptomatically.

SECTION 5. FIRE FIGHTING MEASURES

5.1 Extinguishing media: Use extinguishing agent suitable for type of surrounding fire.

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:

During fire, gases hazardous to health may be formed.

5.3 Advice for firefighters:

Wear self-contained breathing apparatus and protective clothing to prevent contact. Move containers from fire area if you can do so without risk.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment, see section 8.

Keep unnecessary personnel away.

Avoid prolonged and repeated contact.

Stop the flow of material, if this is without risk.

6.2 Environmental precautions:

Avoid accidental discharge to lakes, streams, sewers, etc.

6.3 Methods and material for containment and cleaning up:

Small Spills: wipe up with absorbent material (e.g. cloth, fleece).

Larger spills are to be absorbed with sand, earth or similar materials.

Collected material is disposed of in accordance with section 13.

Flush residues away with plenty of water.

Never return spills to original containers for re-use.

6.4 Reference to other sections:

See section 8 for personal protection.

See section 13 for disposal.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

See section 8 for personal protection. Avoid prolonged exposure.

Avoid contact with skin and eyes. Be aware of potential for surfaces to become slippery. Ensure adequate ventilation. Observe good industrial hygiene practices.

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7.2 Conditions for safe storage, including any incompatibilities:

Store in tightly closed container. Protect from freezing. Store at temperatures between 4°C and 82°C. Store away from incompatible materials (see section 10 of the SDS).

7.3 Specific end use(s):

This product should only be used for applications described in section 1.2.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters - Occupational exposure limits EH-40 (Great Britain):

CAS No:	Name:	Limits:	Comments
1310-58-3	Potassium hydroxide	Short-term value: 2 mg/m ³	Sk, BMGV

Sk, Can be absorbed through the skin.
BMGVs Biological monitoring guidance values.

Biological limits values: No biological exposure limits noted for this substance

Recommended monitoring procedures: Standard monitoring procedures.

DNEL / PNEC:

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8.2 Exposure controls.

Appropriate technical measures:

Ensure good ventilation.
Airborne concentrations must be kept as low as possible. Use for example an exhaust system if the normal air flow in the work room is not sufficient.

General information / Hygiene measures:

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.
Routinely wash work clothing and protective equipment to remove contaminants.

Personal protective equipment:

Only CE-marked personal protection equipment should be used.

Respiratory protection:

Normally not required.

Hand protection:

Normally not required.

Eye protection:

Wear tightly safety goggles, if risk of contact. EN 166.

Body protection:

Normal work clothing.

Measures to avoid environmental exposure:

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Physical state:	Liquid/Gel
Colour:	Blue
Odour:	Mild
Melting point/freezing point:	Not relevant/no data
Boiling point:	100°C
Flammability:	Not relevant/no data
Lower and upper explosion limit:	No hazard
Flash point:	Not relevant/no data
Auto-ignition temperature:	Not relevant/no data
Decomposition temperature:	Not relevant/no data
pH:	6.5 – 8
Viscosity:	20000 - 40000 cps
Solubility:	Soluble in water
Partition coefficient n-octanol/water:	Not relevant/no data
Vapour pressure:	Not relevant/no data
Density and/or relative density:	0.993 – 1.033 g/cm ³
Relative vapour density:	Not relevant/no data
Particle characteristics:	Not relevant/no data

9.2 Other information:

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SECTION 10. STABILITY AND REACTIVITY

- 10.1 Reactivity:** No dangerous reaction known under conditions of normal use and storage.
- 10.2 Chemical stability:** The product is stable under normal conditions.
- 10.3 Possibility of hazardous reactions:** No risk of hazardous reactions during normal use and storage.
- 10.4 Conditions to avoid:** Strong heating. Contact with incompatible materials.
- 10.5 Incompatible materials:** Strong oxidizing agents. Nitrites.
- 10.6 Hazardous decomposition products:** Nitrogen oxides. Carbon monoxide. Carbon dioxide.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008/GB CLP.

- Acute toxicity:** Not classified.
- CAS 1310-58-3 - 20% Potassium hydroxide:
Oral – LD50 – Rat: 273 mg/kg
- Skin corrosion/irritation:** Not classified.

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Serious eye damage/irritation: Not classified.

Respiratory or skin sensitization: Not classified.

Germ cell mutagenicity: Not classified.

Carcinogenicity: Not classified.

Reproductive toxicity: Not classified.

Specific target organ toxicity - single exposure: Not classified.

Specific target organ toxicity – repeated exposure: Not classified.

Aspiration hazard: Not classified.

11.2 Information on other hazards:

Endocrine disrupting properties:

The product/substance has no endocrine disrupting properties.

Additional information:

Exposure may cause temporary irritation, redness, or discomfort. Prolonged inhalation may be harmful.

May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.2 Persistence and degradability: No data available.

12.3 Bioaccumulative potential: No data available.

12.4 Mobility in soil: The product is soluble in water.

12.5 Result of PBT and vPvB assessment: The product does not meet the criteria for PBT or vPvB.

12.6 Endocrine disrupting properties: The product/substance has no endocrine disrupting properties.

12.7 Other adverse effects: None known.

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SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Avoid discharge to drain or surface water. Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site. The coding of a waste stream is based on the application of the product by the consumer.

Contaminated packing:

Properly cleaned container is disposed of according to packaging material, otherwise for incineration.

SECTION 14. TRANSPORT INFORMATION

This product is not classified as dangerous of transport.

	ADR/RID	IMDG/IMO
14.1 UN number or ID number	Not relevant	Not relevant
14.2 UN proper shipping name	Not relevant	Not relevant
14.3 Transport hazard class(es)	Not relevant	Not relevant
14.4 Packing group	Not relevant	Not relevant
14.5 Environmental hazards – MP EmS:	No Not relevant	No Not relevant
Other informations	LQ: Not relevant Tunnel: Not relevant	LQ: Not relevant Tunnel: Not relevant

14.6 Special precautions for user:

Not relevant.

14.7 Maritime transport in bulk according to IMO instruments:

Not relevant.

SECTION 15. REGULATORY INFORMATION

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

Current ADR regulations 2023. Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 2013. Regulation (EU) 2016/425 of 9 March 2016 on personal protective equipment. Hazardous Waste (England and Wales) Regulations 2005 (as amended). EC regulation 1907/2006 (REACH) Directive 2000/532/EC. Seveso directive: 96/82/EC. EC regulation No 2020/878. CLP regulation No 1272/2008. REACH regulation 1907/2006. GB CLP.

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Additional information: -

15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

SECTION 16. OTHER INFORMATION

Full text of H-phrases as mentioned in section 3:

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

List of abbreviations:

LD50: Lethal Dose, 50%

PBT: Persistent, bioaccumulative, toxic.

vPvB: very Persistent, very Bioaccumulative.

Training information:

Follow training instructions when handling this product.

Additional information:

IDEAL INDUSTRIES cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in this safety data sheet was written based on the best knowledge and experience currently available.

Revised 13-04-2023 section:

2, 3, 8, 9, 10, 11, 12, 13, 14, 15, 16.

Validated by:

SRS

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