SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: Agmaklenz 42W
- Product Part Number: 7531

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

- Use of the substance/mixture: Cleaning agent

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Agma Ltd
- Address of Supplier: Gemini Works
  Haltwhistle
  Northumberland
  NE49 9HA
  UK
- Telephone: Tel: +44(0) 1434 320598
- Responsible Person: Malcolm Franklin
- Email: Sds@agma.co.uk

1.4 Emergency telephone number

- Emergency Telephone: Tel: +44(0) 1434 320598
  Monday - Thursday : 8:30 - 17:00 (GMT)
  Friday: 8:30 - 14:30(GMT)
  (office hours only)
  Out-of-hours Contact: Alan Barnes
  Tel:+44 (0)7936 966108

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Met. Corr. 1, Skin Corr. 1A

2.2 Label elements

- Signal Word: Danger

Hazard statements

H314 - Causes severe skin burns and eye damage.
H290 - May be corrosive to metals.

Precautionary statements

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.

SECTION 2: Hazards identification (....)

P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3 Other hazards

- Contains: Sodium hydroxide; caustic soda

SECTION 3: Composition/information on ingredients

3.2 Mixtures

sodium hydroxide; caustic soda

CAS Number:	1310-73-2
EC Number:	215-185-5
Concentration:	50 - 70%
Specific Concentration Limits:	Skin Corr. 1A; H314: C ≥ 5 % Skin Corr. 1B; H314: 2 % ≤ C < 5 % Skin Irrit. 2; H315: 0,5 % ≤ C < 2 % Eye Irrit. 2; H319: 0,5 % ≤ C < 2 %
M factor:	Not available
Acute toxicity estimate:	Not available
Categories:	Skin Corr. 1A; Eye Dam. 1; Org. Perox. G
H Statements:	H290, H314, H318

Reaction Product Of Benzenesulfonic Acid, 4-C10-13-Sec-Alkyl Derivs. And Benzenesulfonic Acid, 4-Methyl- And Sodium Hydroxide

CAS Number:	
EC Number:	932-051-8
Concentration:	<1%
Specific Concentration Limits:	None assigned
M factor:	Not available
Acute toxicity estimate:	Not available
Categories:	Skin Irrit. 2; Eye Dam. 1; Aquatic Chronic 3
H Statements:	H315,H318,H412

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

CAS Number:	
EC Number:	926-141-6
Concentration:	1 - 5%
Specific Concentration Limits:	None assigned
M factor:	Not available
Acute toxicity estimate:	Not available
Categories:	Asp. Tox. 1

SECTION 3: Composition/information on ingredients (....)

H Statements: H304

SECTION 4: First aid measures

4.1 Description of first aid measures

Contact with eyes

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.

Contact with skin

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

Ingestion

P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P314 - Get medical advice/attention if you feel unwell.

Inhalation

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P314 - Get medical advice/attention if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Contact with eyes

May cause redness and irritation

Contact with skin

May cause redness and irritation

Ingestion

May cause gastro-intestinal disturbances

Inhalation

H335 - May cause respiratory irritation.

4.3 Indication of any immediate medical attention and special treatment needed

- Eyewash bottles should be available
- P314 - Get medical advice/attention if you feel unwell.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide

5.2 Special hazards arising from the substance or mixture

- May give off noxious and toxic fumes in a fire

5.3 Advice for firefighters

SECTION 5: Firefighting measures (....)

- Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Ensure adequate ventilation
- Avoid raising dust
- Wear protective clothing as per section 8

6.2 Environmental precautions

- Do not discharge into drains or rivers.
- P273 - Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

- Use vacuum cleaner to collect spilled material
- P390 - Absorb spillage to prevent material damage.

6.4 Reference to other sections

- Refer to section 8 of SDS for personal protection details.
- See Section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Do not allow dust to accumulate on surfaces and equipment
- P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.

7.2 Conditions for safe storage, including any incompatibilities

- P235 - Keep cool.
- P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
- P405 - Store locked up.
- P406 - Store in a corrosion-resistant container with a resistant inner liner.

7.3 Specific end use(s)

- See Section 1.2

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- Hazardous Material: Sodium hydroxide; caustic soda
- WEL (short term): 2 mg/m³ (15 minute)
- DNEL (Consumer; inhalational, long term local effects): 1 mg/m3
- DNEL (Industry; dermal, short term local effects): 2 mg/kg/day
- DNEL (Industry; inhalational, short term local effects): 2 mg/m3
- DNEL (Industry; inhalational, long term local effects): 1 mg/m3
- Hazardous Material: Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
- TLV (TWA): 171 ppm 1200 mg/m³ (8 hour TWA)

8.2 Exposure controls

SECTION 8: Exposure controls/personal protection (....)


- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- BS EN PPE Codes: EN 166 & EN 374
- Ensure adequate ventilation
- P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state: Solid
- Colour: White
- Odour: Perceptible odour
- Melting point/Range: Not available
- Boiling Point/Range: Not available
- Flammability: Not available
- Flashpoint: >93C
- pH: 11.6 (1% sol)
- Solubility in water: Completely soluble in water
- Density: Not available
- Viscosity: Not applicable

9.2 Other information

- No information available

SECTION 10: Stability and reactivity

10.1 Reactivity

- This article is considered stable under normal conditions

10.2 Chemical stability

- This article is considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Keep away from heat

10.5 Incompatible materials

- Strong acids.
- Strong oxidising agent

10.6 Hazardous decomposition products

- May give off noxious and toxic fumes in a fire

SECTION 11: Toxicological information

SECTION 11: Toxicological information (....)

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

Acute toxicity

Hazardous Material:	Sodium hydroxide; caustic soda
LD_{50} (oral, rabbit):	>500 mg/kg
Hazardous Material:	Reaction Product Of Benzenesulfonic Acid, 4-C10-13-Sec-Alkyl Derivs. And Benzenesulfonic Acid, 4-Methyl- And Sodium Hydroxide
LD_{50} (oral, rat):	>2000 mg/kg
Hazardous Material:	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
LD_{50} (oral, rat):	5000 mg/kg
LD_{50} (dermal, rabbit):	5000 mg/kg

Skin corrosion/irritation

See Section 4.1.2

Serious eye damage/irritation

See Section 4.1.1

Respiratory or skin sensitisation

See Section 4.1

Germ cell mutagenicity

No evidence of mutagenic effects

Carcinogenicity

No evidence of carcinogenic effects

Reproductive toxicity

No evidence of reproductive effects

STOT (specific target organ toxicity) - single exposure

No information available

STOT (specific target organ toxicity) - repeated exposure

No information available

Aspiration hazard

See Section 4.1.4

11.2 Information on other hazards

- No information available

SECTION 12: Ecological information

12.1 Toxicity

- Hazardous Material: Sodium hydroxide; caustic soda
- LC_{50} (fish): 33 - 189 mg/l (96 hr)
- LC_{50} (rainbow trout): 45.5 mg/l (96 hr)

SECTION 12: Ecological information (....)

- EC_{50} (Daphnia magna): 40 - 240 mg/l (48 hr)
- Hazardous Material: Reaction Product Of Benzenesulfonic Acid, 4-C10-13-Sec-Alkyl Derivs. And Benzenesulfonic Acid, 4-Methyl- And Sodium Hydroxide
- LC_{50} (fish): 1 - 10 mg/l (96 hr)
- Hazardous Material: Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
- LC_{50} (rainbow trout): >1000 mg/l (96 hr)
- EC_{50} (Daphnia magna): >1000 mg/l (48 hr)
- EC50 (algae) >1000 mg/l (72 hr)

12.2 Persistence and degradability

- No information available

12.3 Bioaccumulative potential

- No information available

12.4 Mobility in soil

- Miscible with water

12.5 Results of PBT and vPvB assessment

- Not identified as a PvB

12.6 Endocrine disrupting properties

- No information available

12.7 Other adverse effects

- No information available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Do not discharge into drains or the environment, dispose to an authorised waste collection point
- Disposal should be in accordance with local, state or national legislation

SECTION 14: Transport information

14.1 UN number or ID number

- UN No.: 3262

14.2 UN proper shipping name

- Proper Shipping Name: CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.

14.3 Transport hazard class(es)

- Hazard Class: 8
- ADR Hazard Class: 8
- ADR Classification Code: C6

SECTION 14: Transport information (....)

- IMDG Hazard Class: 8

14.4 Packing group

- Packing Group: II

14.5 Environmental hazards

- Presents no hazard to the environment

14.6 Special precautions for user

- Limited Quantity: 1 kg
- Tunnel Code: 2 (E)
- IMDG EmS: F-A, S-B

14.7 Maritime transport in bulk according to IMO instruments

- No information available

SECTION 15: Regulatory information

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

- This Safety Data Sheet is provided in compliance with the EC Regulation 1907/2006-2015/830
- and CLP (Regulation 1272/2008)

15.2 Chemical safety assessment

- A chemical safety assessment (CSA) for this product has not yet been completed

SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H290: May be corrosive to metals. H304: May be fatal if swallowed and enters airways. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H318: Causes serious eye damage. H412: Harmful to aquatic life with long lasting effects.

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.

--- end of safety datasheet ---