



SAFETY DATA SHEET
AUTO DISHWASH DETERGENT

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

1.1. Product identifier

Product name AUTO DISHWASH DETERGENT
Product number 314CG

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

Identified uses Auto Dish Wash Detergent

1.3. Details of the supplier of the safety data sheet

Supplier IDEAL MANUFACTURING LTD.
ATLAS HOUSE, BURTON ROAD
FINEDON,
WELLINGBOROUGH
NORTHANTS.
NN9 5HX
01933 681616, 24hr Emergency number 0870 19067777
01933 681042
hello@idealmanufacturing.com

1.4. Emergency telephone number

SECTION 2: Hazards identification

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

Not Classified

Health hazards

Skin Corr. 1A - H314 Eye Irrit. 2 - H319 Carc. 2 - H351

Environmental hazards

Not Classified

Classification (67/548/EEC or 1999/45/EC)

C;R35.

2.2. Label elements**Pictogram****Signal word**

Danger

Hazard statements

H314 Causes severe skin burns and eye damage.
H319 Causes serious eye irritation.
H351 Suspected of causing cancer.

Precautionary statements

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- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P260 Do not breathe vapour/spray.
- P264 Wash contaminated skin thoroughly after handling.
- 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/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.
- P308+P313 IF exposed or concerned: Get medical advice/attention.
- P310 Immediately call a POISON CENTER/doctor.
- P321 Specific treatment (see medical advice on this label).
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P363 Wash contaminated clothing before reuse.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with national regulations.

Contains

SODIUM HYDROXIDE, NITRILIO TRIACETIC ACID, TRISODIUM SALT

2.3. Other hazards**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

SODIUM HYDROXIDE	10-30%
CAS number: 1310-73-2 EC number: 215-185-5	
Classification	Classification (67/548/EEC or 1999/45/EC)
Met. Corr. 1 - H290	C;R35
Skin Corr. 1A - H314	
NITRILIO TRIACETIC ACID, TRISODIUM SALT	1-5%
CAS number: 5064-31-3 EC number: 225-768-6	
Classification	Classification (67/548/EEC or 1999/45/EC)
Skin Irrit. 2 - H315	Xn;R22. Carc. Cat. 3;R40. Xi;R36/38.
Eye Irrit. 2 - H319	
Carc. 2 - H351	
Acute Tox. 4 - H302	
TETRASODIUM, ETHYLENEDIAMINETETRAACETATE	1-5%
CAS number: — EC number: 200-573-9	
Classification	Classification (67/548/EEC or 1999/45/EC)
Acute Tox. 4 - H332	Xn;R20/22. Xi;R38,R41.
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	

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AMINO-TRI(METHYLENE PHOSPHONIC ACID)	1-5%
CAS number: 6419-19-8 EC number: 229-146-5	
Classification Eye Irrit. 2 - H319	Classification (67/548/EEC or 1999/45/EC) Xi;R36.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

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

Move affected person to fresh air at once. If breathing stops, provide artificial respiration. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention.

Ingestion

Do not induce vomiting. Never give anything by mouth to an unconscious person. Do not induce vomiting. Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention immediately.

Skin contact

Remove affected person from source of contamination. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention.

Eye contact

Remove any contact lenses and open eyelids wide apart. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes and get medical attention.

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

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation

Unlikely to occur

Ingestion

May cause chemical burns in mouth, oesophagus and stomach.

Skin contact

May cause serious chemical burns to the skin.

Eye contact

May cause chemical eye burns.

4.3. Indication of any immediate medical attention and special treatment needed**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

The product is non-combustible. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture**Hazardous combustion products**

Heating may generate the following products: Thermal decomposition or combustion products may include the following substances: Corrosive gases or vapours. Caustic Alkalies

5.3. Advice for firefighters**Protective actions during firefighting**

Avoid breathing fire gases or vapours.

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

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Personal precautions

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Stop leak if possible without risk. DO NOT touch spilled material! Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid contamination of ponds or watercourses with washing down water.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Avoid spilling. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage class

Corrosive storage.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

SODIUM HYDROXIDE

Long-term exposure limit (8-hour TWA): WEL

Short-term exposure limit (15-minute): WEL 2 mg/m³

WEL = Workplace Exposure Limit

Ingredient comments

OES = Occupational Exposure Standard.

TETRASODIUM, ETHYLENEDIAMINETETRAACETATE

DNEL	Industry - Inhalation; Long term systemic effects: 2.5 mg/m ³ Industry - Dermal; Long term systemic effects: 1.5 mg/m ³ Industry - Oral; Long term systemic effects: 25 mg/kg/day
PNEC	Industry - (diethyl ether = 1); Long term 2.2 mg/l Industry - Marine water; Long term 0.22 mg/l Industry - Intermittent release; Long term 1.2 mg/l Industry - STP; Long term 43 mg/l Industry - Soil; Long term 0.72 mg/l

8.2. Exposure controls

Protective equipment



Eye/face protection

The following protection should be worn: Full face visor or shield.

Hand protection

Use full length gloves.

Other skin and body protection

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Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Clear liquid. Yellow Liquid.

Relative density

1.150 - 1.170 @ 20°C

Solubility(ies)

Miscible with water.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Acids.

10.2. Chemical stability

Stability

Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Gives off Hydrogen by reaction with base metals such as zinc and aluminium. Exothermic reaction with water and with acids.

10.4. Conditions to avoid

10.5. Incompatible materials

Materials to avoid

Strong acids. Alkali metals.

10.6. Hazardous decomposition products

Irritating fumes carried by fire

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects

No information available.

Acute toxicity - oral

ATE oral (mg/kg)

17,857.14285714

Acute toxicity - inhalation

ATE inhalation (vapours mg/l)

392.85714286

Inhalation

No significant hazard at normal ambient temperatures. Heating may generate the following products: Corrosive gases or vapours.

Ingestion

Swallowing concentrated chemical may cause severe internal injury.

Skin contact

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Corrosive. Prolonged contact causes serious tissue damage.

Eye contact

Causes severe burns.

SECTION 12: Ecological Information

Ecotoxicity

No negative effects on the aquatic environment are known.

12.1. Toxicity

No information available

12.2. Persistence and degradability

Persistence and degradability

The product contains mainly inorganic substances which are not biodegradable.

12.3. Bioaccumulative potential

Not expected to bioaccumulate

12.4. Mobility in soil

Mobility

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

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.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID)	1824
UN No. (IMDG)	1824
UN No. (ICAO)	1824

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	SODIUM HYDROXIDE SOLUTION
Proper shipping name (IMDG)	SODIUM HYDROXIDE SOLUTION
Proper shipping name (ICAO)	SODIUM HYDROXIDE SOLUTION
Proper shipping name (ADN)	SODIUM HYDROXIDE SOLUTION

14.3. Transport hazard class(es)

ADR/RID class	8
ADR/RID label	8
IMDG class	8
ICAO class/division	8

Transport labels

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14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ICAO packing group	III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Emergency Action Code	2X
Hazard Identification Number (ADR/RID)	80
Tunnel restriction code	(E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: Regulatory information

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

15.2. Chemical safety assessment

SECTION 16: Other information

General information

This information is given in good faith and is based upon current available data. The suitability of this product for any particular use is not suggested. The user must determine if the product is correct for any particular application. This document is not a specification. Conforms to 1907/2006/EC

Revision date	31/03/2015
Revision	01
SDS number	314CG

Risk phrases in full

- R20/22 Harmful by inhalation and if swallowed.
- R22 Harmful if swallowed.
- R35 Causes severe burns.
- R36 Irritating to eyes.
- R36/38 Irritating to eyes and skin.
- R38 Irritating to skin.
- R40 Limited evidence of a carcinogenic effect.
- R41 Risk of serious damage to eyes.

Hazard statements in full

- H290 May be corrosive to metals.
- H302 Harmful if swallowed.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H351 Suspected of causing cancer.