

## SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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### IPD Dishwasher Detergent

Revision 4  
Revision date 2021-02-10

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

##### 1.1. Product identifier

<b>Product name</b>	IPD Dishwasher Detergent
<b>Product code</b>	1026

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

<b>Description</b>	Detergent.
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##### 1.3. Details of the supplier of the safety data sheet

<b>Company</b>	Serchem Limited
<b>Address</b>	Heatherset Arleston, off Dawley Road Wellington, Telford Shropshire TF1 2LY United Kingdom
<b>Web</b>	www.serchem.co.uk
<b>Telephone</b>	01952 223130
<b>Fax</b>	01952 222012
<b>Email</b>	support@serchem.co.uk
<b>Email address of the competent person</b>	production@serchem.co.uk

##### 1.4. Emergency telephone number

<b>Emergency telephone number</b>	01952 223130 9.00 am - 5.00 pm Mon - Fri
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##### Further information


	Contact out of hours : 07734 874648 Mr A Arnold.
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#### SECTION 2: Hazards identification

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

<b>2.1.2. Classification - EC 1272/2008</b>	Skin Corr. 1A: H314;
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##### 2.2. Label elements

<b>Hazard pictograms</b>	
<b>Signal Word</b>	Danger
<b>Hazard Statement</b>	Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.

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## 2.2. Label elements

<b>Precautionary Statement: Prevention</b>	P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
<b>Precautionary Statement: Response</b>	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. P310 -Immediately call a POISON CENTER/doctor/ . P321 - Specific treatment (see on this label). P363 - Wash contaminated clothing before reuse.
<b>Precautionary Statement: Storage</b>	P405 - Store locked up.
<b>Precautionary Statement: Disposal</b>	P501 - Dispose of contents/container to waste

## 2.3. Other hazards

<b>Other hazards</b>	This product is not classed as a PBT Substance.
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## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
tetrasodium ethylene diamine tetraacetate .	607-428-00-2	64-02-8	200-573-9			Acute Tox. 4: H302; Eye Dam. 1: H318;
Sodium hydroxide	011-002-00-6	1310-73-2	215-185-5			Skin Corr. 1A: H314;
Sodium gluconate		527-07-1	208-407-7			
trisodium nitrilotriacetate .	607-620-00-6	5064-31-3	225-768-6			Carc. 2: H351; Acute Tox. 4: H302; Eye Irrit. 2: H319;
Acrylic acid	607-061-00-8	79-10-7	201-177-9			Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1A: H314; Aquatic Acute 1: H400;

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

<b>Inhalation</b>	Remove the affected person from the source of contamination immediately. Causes burns. Seek medical attention if irritation or symptoms persist.
<b>Eye contact</b>	Remove casualty from exposure ensuring one's own safety whilst doing so. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Avoid contact with eyes. Causes burns. Seek medical attention.
<b>Skin contact</b>	Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Wash with water. Avoid contact with skin. Causes burns. Seek medical attention if irritation or symptoms persist.
<b>Ingestion</b>	If swallowed, rinse mouth with water (only if the person is conscious). Rinse mouth thoroughly. DO NOT INDUCE VOMITING. Causes burns. Seek medical attention if irritation or symptoms persist.

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

<b>Inhalation</b>	Causes burns. Remove the affected person from the source of contamination immediately. Seek medical attention if irritation or symptoms persist.
<b>Eye contact</b>	Causes burns. Avoid contact with eyes. Rinse immediately with plenty of water for 15 minutes

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

Skin contact	holding the eyelids open. Wash with water. Remove the affected person from the source of contamination immediately. Seek medical attention.
	Causes burns. Avoid contact with skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Remove the affected person from the source of contamination immediately. Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist. Wash with water.
Ingestion	Causes burns. If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label. Remove the affected person from the source of contamination immediately. Rinse mouth thoroughly. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

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

Inhalation	Seek medical attention if irritation or symptoms persist. Causes burns. Remove the affected person from the source of contamination immediately.
Eye contact	Seek medical attention. Causes burns. Avoid contact with eyes. Remove the affected person from the source of contamination immediately. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Rinse immediately with plenty of water. Wash with water.
Skin contact	Seek medical attention if irritation or symptoms persist. Avoid contact with skin. Remove the affected person from the source of contamination immediately. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Wash with water. Causes burns.
Ingestion	Seek medical attention if irritation or symptoms persist. Causes burns. If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label. Rinse mouth thoroughly. DO NOT INDUCE VOMITING. Remove the affected person from the source of contamination immediately.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

	Evacuate personnel to a safe area. Extinguishing media. Use extinguishing media appropriate to the surrounding fire conditions.
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### 5.2. Special hazards arising from the substance or mixture

	Avoid contact with eyes. Evacuate personnel to a safe area. Use extinguishing media appropriate to the surrounding fire conditions. Wear eye/face protection. Wear suitable protective equipment. Wear suitable respiratory equipment when necessary.
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### 5.3. Advice for firefighters

	Protective equipment. Self-contained breathing apparatus. Wear suitable respiratory equipment when necessary.
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## SECTION 6: Accidental release measures

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

	Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes and skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. In case of accident by inhalation: remove casualty to fresh air and keep at rest. Wash with water. Wear suitable protective clothing, gloves and eye/face protection.
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### 6.2. Environmental precautions

	Do not empty into drains; dispose of this material and its container in a safe way. local and national regulations. Wash with water.
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### 6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Clean spillage area thoroughly with plenty of water. Do not empty into drains; dispose of this material and its container in a safe way. Empty containers can be cleaned with water. Empty containers can be sent for disposal or recycling. Wash with water.
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### 6.4. Reference to other sections

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## 6.4. Reference to other sections

See section 2, 3, 8, 13 for further information.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Adopt best Manual Handling considerations when handling, carrying and dispensing. Keep only in the original container. Wear suitable protective clothing, gloves and eye/face protection. When using do not eat, drink or smoke. After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.

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

Store in original container. Store at temperatures between 5 °C and 25 °C.

### 7.3. Specific end use(s)

Detergent.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

See section 8.2 for further information.

#### 8.1.1. Exposure Limit Values

Sodium hydroxide	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: -
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: 2
	WEL 8-hr limit mg/m3 total - inhalable dust:	WEL 15 min limit mg/m3 total - inhalable dust:
	WEL 8-hr limit mg/m3 total - respirable dust:	WEL 15 min limit mg/m3 total - respirable dust:

### 8.2. Exposure controls



#### 8.2.1. Appropriate engineering controls

Engineering measures. Ensure adequate ventilation of the working area. Keep containers tightly closed. Store at temperatures above 5 °C. Store at temperatures below 25 °C.

#### 8.2.2. Individual protection measures

Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes and skin. Wash all contaminated clothing before reuse. Wear suitable gloves and eye/face protection. Wear suitable protective clothing. Wear suitable protective equipment.

#### Eye / face protection

Eye protection. Eye wash bottle with water. Provide eye wash station. Wear eye/face protection.

#### Skin protection - Handprotection

Wear suitable gloves.

## SECTION 9: Physical and chemical properties

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

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## 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Yellow
Odour	Slight
Odour threshold	Not required
pH	14
Vapour pressure	Not required
Vapour density	Not required
Relative density	1.3 (H <sub>2</sub> O = 1 @ 20 °C)
Viscosity	Not determined
Solubility	Soluble in water

## 9.2. Other information

Conductivity	Not determined
Surface tension	Not determined
Specific gravity	1.3 g/cm <sup>3</sup>
Gas group	Not required

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

No reactivity hazards known under normal storage and use conditions.

## 10.2. Chemical stability

Will not decompose if stored and used as recommended.

## 10.3. Possibility of hazardous reactions

Acids. Bases. Oxidising agents. Will not decompose if stored and used as recommended.

## 10.4. Conditions to avoid

Keep away from heat.

## 10.5. Incompatible materials

Acids. Bases. Oxidising agents. Will not decompose if stored and used as recommended.

## 10.6. Hazardous decomposition products

Will not decompose if stored and used as recommended.

## SECTION 11: Toxicological information

## 11.1.4. Toxicological Information

No data available

## SECTION 12: Ecological information

## 12.1. Toxicity

No data available

## SECTION 13: Disposal considerations

## 13.1. Waste treatment methods

Contact a licensed waste disposal company.

## Disposal methods

This material and its container must be disposed of in a safe way.

## Disposal of packaging

Dispose of in compliance with all local and national regulations. Can be recycled if in compliance with local and national regulations. Clean the empty container with plenty of water. This material

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## Disposal of packaging

and its container must be disposed of in a safe way.

## SECTION 14: Transport information

## Hazard pictograms



## 14.1. UN number

UN1719

## 14.2. UN proper shipping name

CAUSTIC ALKALI LIQUID, N.O.S. (SODIUM HYDROXIDE)

## 14.3. Transport hazard class(es)

ADR/RID	8
Subsidiary risk	-
IMDG	8
Subsidiary risk	-
IATA	8
Subsidiary risk	-

## 14.4. Packing group

Packing group II

## 14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

## ADR/RID

Hazard ID	80
Tunnel Category	(E)

## IMDG

EmS Code F-A S-B

## IATA

Packing Instruction (Cargo)	855
Maximum quantity	30 L
Packing Instruction (Passenger)	851
Maximum quantity	1 L

## SECTION 15: Regulatory information

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

Regulations	<p>COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.</p> <p>REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL</p>
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## 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

## 15.2. Chemical safety assessment

A Chemical safety assessment has not been carried out on the mixture.

## SECTION 16: Other information

### Other information

Revision	This document differs from the previous version in the following areas: 12 - 12.1. Toxicity.
Text of Hazard Statements in Section 3	Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. Skin Corr. 1A: H314 - Causes severe skin burns and eye damage. Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. Acute Tox. 4: H302 - Harmful if swallowed. Carc. 2: H351 - Suspected of causing cancer . Flam. Liq. 3: H226 - Flammable liquid and vapour. Acute Tox. 4: H312 - Harmful in contact with skin. Acute Tox. 4: H332 - Harmful if inhaled. STOT SE 3: H335 - May cause respiratory irritation. Aquatic Acute 1: H400 - Very toxic to aquatic life.

### Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This 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 other process.