SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

IPD.

Revision 0

Revision date 2015-06-01

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

1.1. Product identifier

Product name	IPD.

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

Description	Detergent.

1.3. Details of the supplier of the safety data sheet

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

1.4. Emergency telephone number

Emergency telephone number	01952 223130 9.00 am - 5.00 pm Mon - Fri

Further information

	Contact out of hours : 07734 874648 Mr A Arnold.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC	C; R35 Symbols: C: Corrosive.
Main hazards	Causes severe burns.
2.1.2. Classification - EC 1272/2008	Skin Corr. 1A: H314;

2.2. Label elements

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

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2.2. Label elements

Precautionary Statement: Prevention	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.
Precautionary Statement: Response	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.
Precautionary Statement: Storage	P405 - Store locked up.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to waste

2.3. Other hazards

Other hazards	This product is not classed as a PBT Substance.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
tetrasodium ethylene diamine tetraacetate	607-428-00-2	64-02-8	200-573-9		10 - 20%	Xn; R22 Xi; R41	
Sodium hydroxide	011-002-00-6	1310-73-2	215-185-5		10 - 20%	C; R35	

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
tetrasodium ethylene diamine tetraacetate	607-428-00-2	64-02-8	200-573-9		10 - 20%	Acute Tox. 4: H302; Eye Dam. 1: H318;	
trisodium nitrilotriacetate	607-620-00-6	5064-31-3	225-768-6		0 - 0.5%	Carc. 2: H351; Acute Tox. 4: H302; Eye Irrit. 2: H319;	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Remove the affected person from the source of contamination immediately. Causes burns. Seek medical attention if irritation or symptoms persist.
Eye contact	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.
Skin contact	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.
Ingestion	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

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

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

Skin contact	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.

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.

5.3. Advice for firefighters

Protective equipment. Self-contained breathing apparatus. Wear suitable respiratory equipment when necessary.

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.

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.

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.

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

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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

Appearance	Liquid
Colour	Yellow
Odour	Slight
Relative density	1.3 (H2O = 1 @ 20 °C)
Viscosity	Not determined
Odour threshold	Not required
pH	14
Vapour pressure	Not required
Vapour density	Not required
Solubility	Soluble in water

9.2. Other information

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9.2. Other information

Conductivity	Not determined
Surface tension	Not determined
Specific gravity	1.3 g/cm³
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 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)

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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	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. REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL 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

Text of risk phrases in Section 3	R22 - Harmful if swallowed. R35 - Causes severe burns. R41 - Risk of serious damage to eyes.
Text of Hazard Statements in Section 3	Acute Tox. 4: H302 - Harmful if swallowed. Eye Dam. 1: H318 - Causes serious eye damage. Eye Irrit. 2: H319 - Causes serious eye irritation. Carc. 2: H351 - Suspected of causing cancer .

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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.

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