



SAFETY DATA SHEET

XtraPower +

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

1.1. Product identifier

Product name XtraPower +
Internal identification AAOCD1516-2-2

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

Identified uses Heavy Duty Degreaser

1.3. Details of the supplier of the safety data sheet

Supplier

Aqua Air Ltd
 Denfield Smithy
 Chester Road
 Bucklow Hill Cheshire
 WA16 6RP
 Tel: 01565 83116
 sales@aqua-air.co.uk

1.4. Emergency telephone number

Emergency telephone

Aqua Air Limited 01565 831160 (Mon-Fri 09.00 - 17.00)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified
Health hazards Skin Corr. 1B - H314 Eye Dam. 1 - H318 Skin Sens. 1 - H317 STOT SE 3 - H335
Environmental hazards Not Classified

2.2. Label elements

Pictogram



Signal word

Danger

Hazard statements

H314 Causes severe skin burns and eye damage.
 H317 May cause an allergic skin reaction.
 H335 May cause respiratory irritation.

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Precautionary statements	<p>P260 Do not breathe vapour/ spray.</p> <p>P261 Avoid breathing vapour/ spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P272 Contaminated work clothing should not be allowed out of the workplace.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P312 Call a POISON CENTER/ doctor if you feel unwell.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P363 Wash contaminated clothing before reuse.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
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Contains	C9-11 Alcohol Ethoxylate , 2-AMINOETHANOL, N,N-Dimethyl 9-decenamide, 1,2-BENZISOTHIAZOL-3(2H)-ONE
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Detergent labelling	5 - < 15% non-ionic surfactants, Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE
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2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

C9-11 Alcohol Ethoxylate	5-10%
CAS number: 68439-46-3	
Classification	
Acute Tox. 4 - H302	
Eye Dam. 1 - H318	
N,N-Dimethyl 9-decenamide	5-10%
CAS number: 1356964-77-6	
Classification	
Acute Tox. 4 - H302	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
STOT SE 3 - H335	

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2-AMINOETHANOL	5-10%
CAS number: 141-43-5	EC number: 205-483-3
Classification	
Acute Tox. 4 - H302	
Acute Tox. 4 - H312	
Acute Tox. 4 - H332	
Skin Corr. 1B - H314	
Eye Dam. 1 - H318	
STOT SE 3 - H335	
2-(2-BUTOXYETHOXY)ETHANOL	1-5%
CAS number: 112-34-5	EC number: 203-961-6
Classification	
Eye Irrit. 2 - H319	
1,2-BENZISOTHIAZOL-3(2H)-ONE	<1%
CAS number: 2634-33-5	EC number: 220-120-9
M factor (Acute) = 1	
Classification	
Acute Tox. 4 - H302	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	
Aquatic Acute 1 - H400	
Aquatic Chronic 2 - H411	

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	Remove person to fresh air and keep comfortable for breathing.
Ingestion	Rinse mouth. Do not induce vomiting.
Skin contact	Wash with plenty of water. Get medical attention if irritation persists after washing.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

Inhalation	May cause respiratory system irritation.
Ingestion	May cause discomfort if swallowed. May cause chemical burns in mouth, oesophagus and stomach.
Skin contact	Causes severe burns. May cause an allergic skin reaction.
Eye contact	Causes severe eye damage

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

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Specific treatments Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Water spray, foam, dry powder or carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Specific hazards None known.

5.3. Advice for firefighters

Protective actions during firefighting Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb spillage with sand or other inert absorbent. Place waste in labelled, sealed containers.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Wear protective clothing, gloves, eye and face protection.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container. Store in a cool and well-ventilated place.

Storage class Chemical storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

C9-11 Alcohol Ethoxylate

Not established

2-AMINOETHANOL

Long-term exposure limit (8-hour TWA): WEL 1 ppm 2.5 mg/m³

Short-term exposure limit (15-minute): WEL 3 ppm 7.6 mg/m³

Sk

2-(2-BUTOXYETHOXY)ETHANOL

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Long-term exposure limit (8-hour TWA): WEL 10 ppm 67,5 mg/m³

Short-term exposure limit (15-minute): WEL 15 ppm 101,2 mg/m³

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

C9-11 Alcohol Ethoxylate (CAS: 68439-46-3)

DNEL Not available

PNEC Not available

8.2. Exposure controls**Protective equipment**

Eye/face protection Wear eye protection.

Hand protection Wear protective gloves.

Other skin and body protection Wear appropriate clothing to prevent any possibility of skin contact.

Respiratory protection If ventilation is inadequate, suitable respiratory protection must be worn.

SECTION 9: Physical and Chemical Properties**9.1. Information on basic physical and chemical properties**

Appearance Liquid.

Colour Straw.

pH pH (concentrated solution): 7.50 - 8.00

9.2. Other information**SECTION 10: Stability and reactivity****10.1. Reactivity**

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions**10.4. Conditions to avoid****10.5. Incompatible materials**

Materials to avoid Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products Thermal decomposition or combustion products may include the following substances:
Carbon dioxide (CO₂). Carbon monoxide (CO).

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity - oral**

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ATE oral (mg/kg) 3,888.89

Acute toxicity - dermal

ATE dermal (mg/kg) 22,000.0

Acute toxicity - inhalation

ATE inhalation (gases ppm) 90,000.0

ATE inhalation (vapours mg/l) 220.0

ATE inhalation (dusts/mists mg/l) 30.0

Skin corrosion/irritation

Skin corrosion/irritation May cause serious chemical burns to the skin., May cause an allergic reaction

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

Skin sensitisation

Skin sensitisation May cause an allergic skin reaction.

Inhalation

May cause eye and respiratory system irritation.

Ingestion

May cause discomfort if swallowed. May cause chemical burns in mouth, oesophagus and stomach.

Skin contact

Causes severe burns. May cause an allergic skin reaction.

Eye contact

Causes severe eye damage

SECTION 12: Ecological Information

Ecotoxicity Not regarded as dangerous for the environment.

12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability The product is biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential The product is not bioaccumulating.

12.4. Mobility in soil

Mobility The product is water-soluble and may spread in water systems.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

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UN No. (ADR/RID)	2491
UN No. (IMDG)	2491
UN No. (ICAO)	2491
UN No. (ADN)	2491

14.2. UN proper shipping name

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

14.3. Transport hazard class(es)

ADR/RID class	8
ADR/RID classification code	C7
ADR/RID label	8
IMDG class	8
ICAO class/division	8
ADN class	8

Transport labels**14.4. Packing group**

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

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

EmS	F-A, S-B
ADR transport category	3
Emergency Action Code	2X
Hazard Identification Number (ADR/RID)	80
Tunnel restriction code	(E)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

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Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

EU legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

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) (as amended).

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended).

Commission Regulation (EU) No 2015/830 of 28 May 2015.

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date	08/12/2017
Revision	1
SDS number	20850
Hazard statements in full	<p>H302 Harmful if swallowed.</p> <p>H312 Harmful in contact with skin.</p> <p>H314 Causes severe skin burns and eye damage.</p> <p>H315 Causes skin irritation.</p> <p>H317 May cause an allergic skin reaction.</p> <p>H318 Causes serious eye damage.</p> <p>H319 Causes serious eye irritation.</p> <p>H332 Harmful if inhaled.</p> <p>H335 May cause respiratory irritation.</p> <p>H400 Very toxic to aquatic life.</p> <p>H411 Toxic to aquatic life with long lasting effects.</p>