

SAFETY DATA SHEET
Heavy Duty Degreaser Bulk**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1. Product identifier**

Product name Heavy Duty Degreaser Bulk

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

Identified uses Degreaser.

1.3. Details of the supplier of the safety data sheet

Supplier Aztec Chemicals
Unit 16, University Way
Orion Park
Crewe
Cheshire
CW1 6NG
+ 44 (0) 1270 655500 (T)
+ 44 (0) 1270 655501 (F)
info@aztecchemicals.com

1.4. Emergency telephone number

+44 (0)7831 300868

SECTION 2: HAZARDS IDENTIFICATION**2.1. Classification of the substance or mixture**

Classification (1999/45/EEC) C;R34.

Human health

Corrosive. Prolonged contact causes serious eye and tissue damage.

Environment

The product is not expected to be hazardous to the environment.

2.2. Label elements

Contains SODIUM HYDROXIDE

Labelling

Corrosive

Risk Phrases

R34 Causes burns.

Safety Phrases

S1/2 Keep locked up and out of the reach of children.
S20 When using do not eat or drink.
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S27/28 After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
S56 Dispose of this material and its container to hazardous or special waste collection point.
S64 If swallowed, rinse mouth with water (only if the person is conscious).

2.3. Other hazards**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Heavy Duty Degreaser Bulk

3.2. Mixtures

Alkoxy polyethoxy polypropoxy propanol		1-5%
CAS-No.: 68603-25-8	EC No.:	Registration Number: N/A
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Irrit. 2 - H319	Classification (67/548/EEC) Xn;R22. Xi;R36.	
SODIUM HYDROXIDE		1-5%
CAS-No.: 1310-73-2	EC No.: 215-185-5	Registration Number: 01-2119457892-27
Classification (EC 1272/2008) Skin Corr. 1A - H314	Classification (67/548/EEC) C;R35	
Sodium Lauroyl Sarcosinate >29.5% soln		5-10%
CAS-No.:	EC No.:	Registration Number: 01-2119527780-39
Classification (EC 1272/2008) Eye Dam. 1 - H318	Classification (67/548/EEC) Xi;R41.	
SURFAC METSO		1-5%
Classification (EC 1272/2008) Skin Corr. 1B - H314 STOT SE 3 - H335	Classification (67/548/EEC) C;R34. Xi;R37.	
TETRA POTASSIUM PYROPHOSPHATE		5-10%
CAS-No.: 7320-34-5	EC No.: 230-785-7	Registration Number: 01-2119489369-18
Classification (EC 1272/2008) Eye Irrit. 2 - H319	Classification (67/548/EEC) 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**General information**

Keep the affected person warm and at rest. Get prompt medical attention.

Inhalation

Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention. Perform artificial respiration if breathing has stopped.

Ingestion

Rinse mouth thoroughly. DO NOT induce vomiting if swallowed chemical is dissolved in petroleum-based material. Danger of aspiration and development of chemical pneumonia. Get medical attention immediately!

Skin contact

Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above.

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Eye contact

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

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

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

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

This product is not flammable. Extinguish with foam, carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

Fire causes formation of toxic gases.

Specific hazards

Carbon monoxide (CO). Carbon dioxide (CO₂).

5.3. Advice for firefighters

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

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

6.2. Environmental precautions

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

DO NOT TOUCH SPILLED MATERIAL! Stop leak if possible without risk. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Flush contaminated area with plenty of water. Do not contaminate water sources or sewer. Inform Authorities if large amounts are involved.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid inhalation of dust and contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Keep in original container. Store away from: Acids. Unsuitable containers: copper, zinc, aluminium, copper alloy, zinc alloy, aluminium alloy. Store in tightly closed original container in a dry, cool and well-ventilated place.

Storage Class

Corrosive storage.

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs	STEL - 15 Min	Notes
SODIUM HYDROXIDE	WEL		2 mg/m ³	

WEL = Workplace Exposure Limit.

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Ingredient Comments

SUP = Supplier's recommendation.

8.2. Exposure controls

Engineering measures

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours.

Respiratory equipment

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

Hand protection

Use suitable protective gloves if risk of skin contact. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Eye protection

Wear approved chemical safety goggles where eye exposure is reasonably probable.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.

Personal protection

When using do not smoke

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance Colourless liquid.

Initial boiling point and boiling range 150 - 200
(°C)

Relative density 1.064

Viscosity 0.95 cSt 25

Auto Ignition Temperature (°C)

Not available.

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Reacts strongly with concentrated acids and chloro-hydrocarbons. Reacts strongly with water.

10.5. Incompatible materials

Materials To Avoid

Strong acids. Strong oxidising substances. Strong oxides. Chemically active metals.

10.6. Hazardous decomposition products

In case of fire, toxic gases (CO, CO₂, NO_x) may be formed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Inhalation

Vapours may cause headache, fatigue, dizziness and nausea. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

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Ingestion

Harmful: may cause lung damage if swallowed.

Skin contact

Repeated exposure may cause skin dryness or cracking.

Eye contact

Irritating to eyes.

Health Warnings

Contents may cause lung damage if swallowed. Aspiration into the lungs may cause chemical pneumonitis. Prolonged or repeated contact leads to drying of skin.

Route of entry

Inhalation. Ingestion. Skin and/or eye contact.

Target Organs

Respiratory system, lungs

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Not regarded as dangerous for the environment.

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

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

General information

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Transport Labels

No transport warning sign required.

14.4. Packing group

Heavy Duty Degreaser Bulk

Not applicable.

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

14.6. Special precautions for user

Not applicable.

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

Not applicable.

SECTION 15: REGULATORY INFORMATION

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

Uk Regulatory References

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments. Chemicals (Hazard Information & Packaging) Regulations.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health. The Aerosol Dispensers Regulations 1977 & 1999

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply. British Aerosol Manufacturers Code of Practice 7th. Edition 1999

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. System of specific information relating to Dangerous Preparations. 2001/58/EC. 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

National Regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689.

15.2. Chemical Safety Assessment

SECTION 16: OTHER INFORMATION

SDS No.	12635
Safety Data Sheet Status	Approved.
Date	28.03.2014

Risk Phrases In Full

R34	Causes burns.
R35	Causes severe burns.
R22	Harmful if swallowed.
R36	Irritating to eyes.
R37	Irritating to respiratory system.
R41	Risk of serious damage to eyes.

Hazard Statements In Full

H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H314	Causes severe skin burns and eye damage.
H302	Harmful if swallowed.
H335	May cause respiratory irritation.

Disclaimer

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.