



**SAFETY DATA SHEET
BUSTER BATHROOM DRAIN UNBLOCKER**

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	BUSTER BATHROOM DRAIN UNBLOCKER
PRODUCT NO.	00153/90
SUPPLIER	Challs Unit 46 Lady Lane Industrial Estate Hadleigh Suffolk IP7 6BQ Tel: 01473 828700 Fax: 01473 828701 sales@challs.com
CONTAINER SIZE	300ml 900ml 4.8L

2 HAZARDS IDENTIFICATION

CLASSIFICATION (1999/45)	C;R34. R31.
CLASSIFICATION (EC 1272/2008)	Physical and Chemical Hazards Not classified. Human health EUH031;Skin Corr. 1B - H314 Environment Not classified.
LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008	



SIGNAL WORD	Danger
CONTAINS	SODIUM HYDROXIDE
HAZARD STATEMENTS	H314 Causes severe skin burns and eye damage.
PRECAUTIONARY STATEMENTS	P103 Read label before use. P102 Keep out of reach of children. P101 If medical advice is needed, have product container or label at hand. P260 Do not breathe fume. P264 Wash skin thoroughly after handling. P280 Wear protective gloves. Wear eye protection. P305+351+338 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 or doctor/physician. P403+233 Store in a well-ventilated place. Keep container tightly closed.

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P405 Store locked up.

Detergent Labelling:

< 5% chlorine-based bleaching agents
 non-ionic surfactants
 perfumes

SUPPLEMENTARY PRECAUTIONARY STATEMENTS

P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P260 Do not breathe vapour/spray.
 P264 Wash contaminated skin thoroughly after handling.
 P321 Specific treatment (see medical advice on this label).
 P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P363 Wash contaminated clothing before reuse.
 P501 Dispose of contents/container to ...

Supplemental Label Information (EU)

EUH031 Contact with acids liberates toxic gas.
 EUH206 Warning! Do not use together with other products. May release dangerous gases (chlorine).

3 COMPOSITION/INFORMATION ON INGREDIENTS

ALKYLAMINE OXIDE		1-5%
CAS-No.: 3332-27-2	EC No.: 222-059-3	
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Acute 1 - H400	Classification (67/548/EEC) Xi;R38,R41. N;R50.	
SODIUM HYDROXIDE		1-5%
CAS-No.: 1310-73-2	EC No.: 215-185-5	
Classification (EC 1272/2008) Skin Corr. 1A - H314	Classification (67/548/EEC) C;R35	
SODIUM HYPOCHLORITE SOLUTION, ... % CI ACTIVE		1-5%
CAS-No.: 7681-52-9	EC No.: 231-668-3	
Classification (EC 1272/2008) EUH031 Skin Corr. 1B - H314 Aquatic Acute 1 - H400	Classification (67/548/EEC) C;R34 R31 N;R50	
SODIUM SILICATE		1-5%
CAS-No.: 1344-09-8	EC No.: 215-687-4	

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Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Dam. 1 - H318	Classification (67/548/EEC) Xi;R41,R38.
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The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16

4 FIRST-AID MEASURES

INHALATION

Remove victim immediately from source of exposure. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention immediately!

SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT

Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

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

ENVIRONMENTAL PRECAUTIONS

Do not allow ANY environmental contamination.

SPILL CLEAN UP METHODS

DO NOT TOUCH SPILLED MATERIAL! Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

STORAGE CLASS

Corrosive storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	STD	TWA - 8 Hrs	STEL - 15 Min	Notes
SODIUM HYDROXIDE	WEL		2 mg/m3	

WEL = Workplace Exposure Limit.

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT

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PROCESS CONDITIONS

Provide eyewash, quick drench.

ENGINEERING MEASURES

Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of vapours.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

HAND PROTECTION

Use suitable protective gloves if risk of skin contact.

EYE PROTECTION

If risk of splashing, wear safety goggles or face shield.

OTHER PROTECTION

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 wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid
COLOUR	Amber.
ODOUR	Characteristic.
SOLUBILITY	Soluble in water.
RELATIVE DENSITY	1.12 @ 20
pH-VALUE, CONC. SOLUTION	12-14
CRITICAL TEMPERATURE (°C)	Do not allow to freeze.

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time. Avoid contact with acids.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

11 TOXICOLOGICAL INFORMATION

INHALATION

May cause damage to mucous membranes in nose, throat, lungs and bronchial system.

INGESTION

May cause burns in mucous membranes, throat, oesophagus and stomach.

SKIN CONTACT

May cause serious chemical burns to the skin.

EYE CONTACT

Causes burns.

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12 ECOLOGICAL INFORMATION

ECOTOXICITY

Not regarded as dangerous for the environment.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

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

14 TRANSPORT INFORMATION



PROPER SHIPPING NAME	CAUSTIC ALKALI LIQUID, N.O.S. (SODIUM HYDROXIDE, SODIUM HYPOCHLORITE SOLUTION, ... % CI ACTIVE)
ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT	No.
UN NO. ROAD	1719
ADR CLASS NO.	8
ADR CLASS	Class 8: Corrosive substances.
ADR PACK GROUP	II
TUNNEL RESTRICTION CODE	(E)
HAZARD No. (ADR)	80
ADR LABEL NO.	8
HAZCHEM CODE	2R
UN NO. SEA	1719
IMDG CLASS	8
IMDG PACK GR.	II
EMS	F-A, S-B
UN NO. AIR	1719
AIR CLASS	8
AIR PACK GR.	II

15 REGULATORY INFORMATION

EU DIRECTIVES

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, including amendments.

STATUTORY INSTRUMENTS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

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

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16 OTHER INFORMATION

REVISION DATE 29/05/2014

REV. NO./REPL. SDS GENERATED 6

RISK PHRASES IN FULL

R34 Causes burns.
R35 Causes severe burns.
R31 Contact with acids liberates toxic gas.
R38 Irritating to skin.
R41 Risk of serious damage to eyes.
R50 Very toxic to aquatic organisms.

HAZARD STATEMENTS IN FULL

H318 Causes serious eye damage.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
EUH031 Contact with acids liberates toxic gas.
H400 Very toxic to aquatic life.

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.