



SAFETY DATA SHEET

Mouldex

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

APPLICATION Mould and Mildew Remover for household use.

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2 HAZARDS IDENTIFICATION

Irritating to skin.
 Risk of serious damage to eyes.
 Contact with acids liberates toxic gas.
 CLASSIFICATION (1999/45) Xi;R38, R41. R31.

ENVIRONMENT
 The product contains a substance which is very toxic to aquatic organisms.

PHYSICAL AND CHEMICAL HAZARDS
 Resultant solution may be highly alkaline and possess a pH of ≥ 10.5 .

HUMAN HEALTH
 Splashes may cause serious eye damage.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content %	Classification (67/548/EEC)
sodium hypochlorite	231-668-3	7681-52-9	5-10%	C;R34 R31 N;R50
N,N-dimethyltetradecylamine N-oxide	222-059-3	3332-27-2	1-5%	Xi;R38,R41. N;R50.
SODIUM HYDROXIDE	215-185-5	1310-73-2	<1%	C;R35

The Full Text for all R-Phrases is Displayed in Section 16

4 FIRST-AID MEASURES

GENERAL INFORMATION
 NOTE! Effects may be delayed. Keep affected person under observation.

INHALATION
 Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION
 Immediately rinse mouth and provide fresh air. Get medical attention if any discomfort continues.

SKIN CONTACT
 Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

EYE CONTACT
 Check for contact lenses which must be removed from the eyes before rinsing.
 Promptly rinse eyes with plenty of clean water while lifting the eyelids.
 Continue to rinse for at least 15 minutes. Continue until the eyes are free of all particles.
 Get medical attention if any discomfort or irritation persists.

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5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

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

SPECIFIC HAZARDS

Fire emits clouds of smoke which may contain toxic vapours, gases and fumes.

PROTECTIVE MEASURES IN FIRE

Wear self-contained breathing apparatus and full protective clothing. Keep all unnecessary people away. Fire water run-off must not be allowed to contaminate ground or enter drains, sewers or water courses. Provide bunding against fire water run-off.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing (see Section 8). Keep unnecessary people at a safe distance.

ENVIRONMENTAL PRECAUTIONS

Cover all drains and sewers. Avoid spreading spilt material.

SPILL CLEAN UP METHODS

Absorb in vermiculite, sand, diatomaceous earth or other absorbent inert material. Place into clearly labelled container for recovery or disposal (see section 13). Rinse site with copious amounts of water, which should not be allowed into drains, sewers or water courses.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Prevent spilling, skin and eye contact.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Protect from light, including direct sunrays.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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

WEL = Workplace Exposure Limit.

PROCESS CONDITIONS

Provide eyewash station.

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided.

HAND PROTECTION

Wear protective gloves. After using gloves the hands should be washed and dried thoroughly and a suitable moisturiser applied.

EYE PROTECTION

Wear dust resistant safety goggles where there is danger of eye contact.

HYGIENE MEASURES

Wash hands after contact. Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin. Promptly remove any clothing that becomes contaminated. Launder clothing before re-use.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Colourless liquid
ODOUR	Chlorine. Bleach
SOLUBILITY	Completely miscible with water.
RELATIVE DENSITY	1.1
pH-VALUE, DILUTED SOLUTION >14 @ 1%	

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10 STABILITY AND REACTIVITY

STABILITY

Stable under normal conditions of storage and use. See section 7.

CONDITIONS TO AVOID

Avoid heat.

HAZARDOUS POLYMERISATION

None known.

MATERIALS TO AVOID

Strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS

In fires or in conditions of excessive heat may give off toxic fumes and gases.

DANGEROUS REACTIONS

Avoid unintended contact with strong acids.

11 TOXICOLOGICAL INFORMATION

INHALATION

Vapours may irritate the respiratory system and cause coughing, asthmatic breathing and breathlessness.

INGESTION

May cause chemical burns in mouth and throat.

SKIN CONTACT

Liquid may irritate skin.

EYE CONTACT

May cause severe irritation to eyes. Risk of serious damage to eyes.

TARGET ORGANS

Eyes Skin

12 ECOLOGICAL INFORMATION

ECOTOXICITY

The product contains substances which are toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

MOBILITY

The product is miscible with water. May spread in water systems.

BIOACCUMULATION

The product does not contain any substances expected to be bioaccumulating.

DEGRADABILITY

The product is expected to be slowly biodegradable.

WATER HAZARD CLASSIFICATION

N/A.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Do not dispose to landfill or in water courses.

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. Product is classified as hazardous waste.

Disposal of waste material and empty containers must be by means of a licensed waste contractor.

14 TRANSPORT INFORMATION



PROPER SHIPPING NAME

CHLORITE SOLUTION

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UN NO. ROAD	1908
ADR CLASS NO.	8
ADR CLASS	Class 8: Corrosive substances.
ADR PACK GROUP	III
TUNNEL RESTRICTION CODE	(E)
HAZARD No. (ADR)	80
ADR LABEL NO.	8
HAZCHEM CODE	2X
UN NO. SEA	1908
IMDG CLASS	8
IMDG PACK GR.	III
EMS	F-A, S-B
UN NO. AIR	1908
AIR CLASS	8
AIR PACK GR.	III

15 REGULATORY INFORMATION

LABELLING



Irritant

RISK PHRASES

R31	Contact with acids liberates toxic gas.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.

SAFETY PHRASES

S2	Keep out of the reach of children.
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.
S37/39	Wear suitable gloves and eye/face protection.
S46	If swallowed, seek medical advice immediately and show this container or label.
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).

EU DIRECTIVES

EC Regulation 1907/2006 (as amended) : 'REACH'.

Dangerous Substances Directive 67/548/EEC.

Dangerous Preparations Directive 1999/45/EC.

EC Regulation 1272/2008 (as amended): CLP (Classification, labelling and packaging of substances and mixtures).

ADR (L'Accord européen relative au transport international des marchandises dangereuses par route.)

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 SI No 716. (CHIP4).

Control of Substances Hazardous to Health Regulations (as amended). (COSHH)

Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007. (CDG 2009)

APPROVED CODE OF PRACTICE

Approved classification and labelling guide L131 (Sixth Edition - 2009)

The Control of Substances Hazardous to Health Regulations 2002 (as amended). Approved code of practice and guidance.

Fifth Edition 2005. HSE Books, or download at: <http://www.hse.gov.uk/pubns/priced/I5.pdf>

GUIDANCE NOTES

COSHH essentials. 'Easy steps to control chemicals.' Only available on HSE's website and regularly updated at www.hse.gov.uk/pubns/guidance/index.htm

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Introduction to Local Exhaust Ventilation HS(G)37.

Maintenance, examination and testing of local exhaust ventilation HSG154 (HSE 1998).

Workplace Exposure Limits EH40/2007

16 OTHER INFORMATION

GENERAL INFORMATION

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request.

REVISION COMMENTS

Comprehensive revision. GHS information added.

REVISION DATE 22-AUG-11 - rev.01: 01015

REV. NO./REPL. SDS 01 dated 22-AUG-11

GENERATED

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.