Domestos Thick Bleach (Original)

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SAFETY DATA SHEET

Domestos Thick Bleach Original Blue

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

PRODUCT NAME Domestos Thick Bleach Original Blue

SUPPLIER Unilever UK Limited

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Leatherhead

Surrey

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PRODUCT NO. 8463303 / 4

APPLICATION Hygienic Cleaner for Hard surfaces and Toilets

EMERGENCY TELEPHONE 0137294 8999

CONTAINER SIZE Bottle

2 HAZARDS IDENTIFICATION

Irritating to skin. Risk of serious damage to eyes.

CLASSIFICATION (1999/45) Xi;R38, R41.

PHYSICAL AND CHEMICAL HAZARDS

Warning! Do not use together with other products. May release dangerous gases (chlorine).

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name EC No. CAS-No. Content Classification (67/548)

SODIUM HYPOCHLORITE SOLUTION, ... % Cl 231-668-3 7681-52-9 1-5% C;R34 R31 N;R50

ACTIVE

c12-18 alkyl dimethylamine oxide 68955-55-5 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 are Displayed in Section 16

COMPOSITION COMMENTS

For confidentiality reasons, the levels of components listed in Section 3 are given in percentage bands. The bandings do not reflect

potential variation in composition of this formulation, but are used simply to mask the exact component levels, which we consider to be

proprietary information. The classification given in Section 2 and 15 reflects the exact composition of this mixture.

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. If Chlorine released: Get medical attention immediately! When breathing is difficult,

properly trained personnel may assist affected person by administering oxygen. If no Chlorine is released Get medical attention if any

discomfort continues.

INGESTION

If swallowed, rinse mouth with water (only if the person is conscious). In case of accident or if you feel unwell, seek medical advice

immediately (show label where possible). Contact physician if larger quantity has been consumed.

SKIN CONTACT

Rinse the skin immediately with lots of water. Remove contaminated clothing. Rinse with water. Get medical attention if any discomfort

continues.

EYE CONTACT

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

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

SPECIAL FIRE FIGHTING PROCEDURES

No specific fire fighting procedure given.

UNUSUAL FIRE & EXPLOSION HAZARDS

No unusual fire or explosion hazards noted.

SPECIFIC HAZARDS

When heated and in case of fire, toxic vapours/gases may be formed.

PROTECTIVE MEASURES IN FIRE

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

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

In case of spills, beware of slippery floors and surfaces. Avoid inhalation of vapours/spray and contact with skin and eyes. Wash

thoroughly after dealing with a spillage. For industrial settings: Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Small quantities can be dissolved/diluted in water and flushed to drain. Large Spillages: Avoid discharge into drains, water courses or onto

the ground. If risk of water pollution occurs, notify appropriate authorities.

SPILL CLEAN UP METHODS

Small or household quantities may be cleaned up and disposed of with normal household waste. For industrial settings: Collect with

absorbent, non-combustible material into suitable containers. Unsuitable containers: metals. Avoid contact with acids. Wash

contaminated area with water. For waste disposal, see section 13.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Do not mix with other products. Contact with acids liberates toxic gas. Avoid inhalation of vapours/spray and contact with skin and eyes.

For prolonged or repeated skin contact use suitable protective gloves. For industrial settings: Use appropriate engineering controls and

personal precautions as defined in Section 8.

STORAGE PRECAUTIONS

Keep in original container. Store at moderate temperatures in dry, well ventilated area. Avoid exposure to high temperatures or direct

sunlight. Oxidising material - Keep away from flammable and combustible materials. Store away from: Acids. Organic solvents.

STORAGE CLASS

Unspecified 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.

PROCESS CONDITIONS

For industrial settings: Eye wash facilities and emergency shower must be available when handling this product.

ENGINEERING MEASURES

Exposure to hazardous materials should be controlled at source by provision of engineering containment and/or ventilation. Refer to local

risk assessment for further details. Observe relevant occupational exposure limits and minimise exposure to hazardous materials at all

times.

RESPIRATORY EQUIPMENT

None under normal conditions. For industrial settings: Respiratory protection must be used if air contamination exceeds acceptable level.

Refer to local risk assessment for further details

HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves. For industrial settings: Use protective gloves made of: Rubber,

neoprene or PVC.

EYE PROTECTION

For industrial settings: Wear eye/face protection.

HYGIENE MEASURES

When using do not eat, drink or smoke. Wash hands after handling.

SKIN PROTECTION

For industrial settings: Wear appropriate clothing to prevent repeated or prolonged skin contact.

ENVIRONMENTAL EXPOSURE CONTROLS

For industrial settings: Do not discharge into drains, water courses or onto the ground. If risk of water pollution occurs, notify appropriate

authorities.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Liquid

SOLUBILITY Soluble in water.

RELATIVE DENSITY 1.082 (1.065 to 1.097) pH-VALUE, CONC. SOLUTION 13

VISCOSITY 650 (500-850) mPas @ 25°C,

21

s-1

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid contact with acids. Warning! Do not use together with other products. May release dangerous gases (chlorine). Avoid exposure to

high temperatures or direct sunlight.

MATERIALS TO AVOID

Acids. Flammable/combustible material.

HAZARDOUS DECOMPOSITION PRODUCTS

When heated, toxic and corrosive vapours/gases may be formed.

11 TOXICOLOGICAL INFORMATION

INHALATION

May cause irritation to the respiratory system.

INGESTION

May cause discomfort if swallowed.

SKIN CONTACT

Irritating to skin.

EYE CONTACT

Irritating to eyes.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

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

DEGRADABILITY

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 or at the request of a detergent manufacturer.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

The product is not classified as dangerous to the environment in accordance with the criteria of the Dangerous Preparations Directive

1999/45/EC as amended. However, large volumes should not be discharged into drains, watercourses or onto the ground.

DISPOSAL METHODS

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

14 TRANSPORT INFORMATION

GENERAL Not classified for transportation.

15 REGULATORY INFORMATION

SYMBOLS

Irritant

RISK PHRASES

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.

S64 If swallowed, rinse mouth with water (only if the person is conscious).

P6 Warning! Do not use together with other products. May release dangerous gases

(chlorine).

EU DIRECTIVES

Dangerous Preparations Directive 1999/45/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,

including amendments.

16 OTHER INFORMATION

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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.

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.