

# PRODUCT SAFETY DATA SHEET

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## 1. PRODUCT & COMPANY IDENTIFICATION

Product name : DOMESTOS THICK BLEACH  
Company : Unilever Japan K. K.  
Address : (Head office) 2-1-1 KAMIMEGURO, MEGURO-KU, TOKYO,  
JAPAN  
Department : Communication  
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## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Name	Range	Hazard
Chlorine based bleach	about 3.8%	corrosive R34
Sodium hydroxide	about 1.4%	corrosive R35
Surfactant	Not disclose	irritant R41, R38

## 3. HAZARDS INFORMATION

GHS label elements Dangerous, Serious eye damage and skin irritation



## 4. FIRST-AID MEASURES

In case of eye contact : Wash immediately with copious amounts of water and obtain medical attention.  
In the case of adhering to skin : Wash skin thoroughly with water.  
In the case of ingestion : Remove material from mouth. Drink 1 or 2 glasses of water (or milk) and obtain medical attention.  
In the case of inhalation : Remove from source of exposure and obtain medical attention without delay.

## 5. FIRE-FIGHTING MEASURES

Flammability : Not flammable.  
Suitable extinguishers : Any can be used.  
Extinguishers not to be used : None.  
Special protective equipment : Breathing apparatus should be worn when tackling fires involving this product.  
Explosive hazards : None known.  
Hazardous combustion products : Toxic and irritant fumes may be given off when heated to decomposition.

## 6. ACCIDENTAL RELEASE MEASURES

Personal protection : Wear adequate eye protection and gloves.  
Spillage clean-up : Observe local legislation. Absorb large spillages with inert material (example sand) and collect into suitable, labelled containers for disposal at an approved site. Wash residues and small spillages away to drain with water.

**7. HANDLING & STORAGE**

- Handling : Avoid eye and skin contact. Prevent any mist formation. Do not mix with acidic materials as this will cause rapid evolution of chlorine gas.
- Storage : Store in the original, closed containers under dry, well ventilated conditions. Keep away from acids. Avoid extremes of temperature. Do not overtighten cap.

**8. PROTECTION MEASURES**

- Hand : Impermeable glove such as rubber glove etc.
- Eye : Goggle etc.
- Skin and body : Rubber boots or apron if necessary.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- Appearance : Liquid.
- Solubility in water : Soluble.
- pH : >12.
- Viscosity at 20 degrees Celsius : 350 cps.
- Boiling point degrees Celsius : Not applicable.
- Flash point degrees Celsius : Not applicable.
- Density : 1.08

**10. STABILITY AND REACTIVITY**

Contact with acid causes rapid evolution of chlorine gas.

**11. HARMFUL EFFECT INFORMATION**

- Eye : Causes irritation.
- Skin : Can cause irritation.
- Ingestion : Causes irritation.
- Inhalation : Causes irritation, and may cause bronchospasm in chlorine sensitive individuals.

**12. ECOLOGICAL INFORMATION**

To safeguard the environment, this product breaks down rapidly to common salt, oxygen and other harmless substances.

**13. DISPOSAL CONSIDERATIONS**

- Contents : Observe relevant legislation. Treat large spillage as special waste.
- Empty containers : Observe relevant legislation. Suitable for incineration.

**14. TRANSPORTATION INFORMATION**

- UN Number and packaging group : Class 8 / UN3266 (CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (HYPOCHLORITE SOLUTION)), packing group III

**15. REGULATORY INFORMATION**

- R36/38 : Irritating to eyes and skin.
- S2 : Keep out of reach of children.
- S25 : Avoid contact with eyes.
- S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S46 : If swallowed seek medical advice immediately and show this container or label.
- S50 : Do not mix with acids or other cleaners as this could give rise to dangerous fumes (Chlorine).

**16. OTHER INFORMATION**

If swallowed drink one or two glasses of milk or water, seek medical advice immediately and show this container or label. Keep in a cool place and store bottle upright. Do not overtighten cap.

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