



# CLEANTOOLS (S) PTE LTD

UEN: 200009243W GST Reg. No.: 200009243W

5 Kaki Bukit Road 2,  
#01/02-16 City Warehouse  
Singapore 417839

## SAFETY DATA SHEET (SDS)

### 1. Product Identification

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Product identifier: Ulti Bleach 701  
Recommended Use: Concentrated liquid bleach for effective cleaning and disinfecting.  
Supplier's details: Cleantools (S) Pte Ltd  
5 Kaki Bukit Road 2, #02-16 City Warehouse, Singapore 417839  
Tel: 6744 4777, fax 6745 0261, website: www.cleantools.com  
Emergency number: 6744 4777

### 2. Hazard Identification

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#### GHS classification:

Skin corrosion/irritation: Category 2  
Serious eye damage/eye irritation: Category 2  
Acute toxicity: Category 3

#### GHS label element:

##### Pictogram:



Signal word: Warning

#### Hazard statements:

H290: May be corrosive to metals  
H300: Fatal if swallowed  
H311 + H331: Toxic if in contact with skin or if inhaled  
H314: Causes skin burns and eye damage  
H401: Toxic to aquatic life

#### Precautionary statements:

P102: Keep out of reach of children  
P103: Read label before use  
P220: Keep away from acid  
P223: Keep container tightly closed  
P271: Use only in well ventilated areas  
P280: Wear protective gloves  
P264: Wash hands thoroughly after use



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## Response:

P301 + P330 + P331: If swallowed: rinse mouth, do not induce vomiting  
P302 + P361 + P353: If on skin: take off immediately all contaminated clothing. Rinse skin with plenty of water/shower.  
P305 + P351 + P338: If in eyes: immediately rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

## Storage:

P402: Store in a dry place  
P403: Store in a well-ventilated place

## Disposal:

P501: Dispose of chemical/container in accordance to local Regulations

## 3. Information on ingredients

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Component name	CAS	Composition (%)
Sodium hypochlorite	7681-52-9	< 15
Sodium hydroxide	1310-73-2	< 4

## 4. First aid measure

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General advice: Take proper precautions to ensure own health and safety. Seek medical advice if you feel unwell.  
Skin: Wash hands thoroughly after handling. Remove contaminated clothes, rinse skin with water. Wash contaminated clothes before reuse.  
Eyes: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Consult doctor if irritation persists.  
Ingestion: If swallowed: rinse mouth, do not induce vomiting  
Inhalation: Move person to fresh air and keep at rest in a position comfortable for breathing.

## 5. Firefighting measures

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Suitable extinguishing media: Use measures appropriate to circumstances and environment  
Specific hazards arising from chemical: Do not allow run-off to enter water courses or drains  
Special protective actions for fire fighters: In event of fire, wear self-contained breathing apparatus

## 6. Accidental release measures

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Personal precautions, protective equipment and emergency measure: Use personal protective equipment, and ensure adequate ventilation.  
Environmental precautions: Do not flush into sanitary sewage. If products contaminate water bodies, inform respective authorities.



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Methods and materials for containment and cleaning up:

During spillage, collect on absorbent material. Store in seal containers in room temperature.

## 7. Handling and storage

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Precaution for safe handling:

Avoid contact with eyes, skin and clothing. After use, always wash hands thoroughly with water. Avoid eating or drinking when in contact with chemicals.

Conditions for safe storage, including any incompatibilities:

Keep properly labelled and sealed container in a dry and well-ventilated area.

## 8. Exposure control / personal protection

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Occupational exposure or biological limit:

N.A.

Appropriate engineering controls:

Ensure that eyewash stations and safety showers are close to work stations.

Individual protection measure:

It is recommended to wear chemical resistant gloves and boots. Decontaminate PPE after every use. If required, use safety goggles.

## 9. Physical and chemical properties

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Appearance:	Yellow liquid
Odour:	Chlorine
pH:	13.5 (+/- 0.5)
Flashpoint:	N.A.
Evaporation rate:	N.A.
Melting/freezing point:	N.A.
Vapour pressure:	Non-volatile
Specific density:	1.1
Solubility:	Completely soluble
Partition coefficient:	N.A.
Viscosity:	N.A.
Auto-ignition temperature:	N.A.

## 10. Stability and reactivity

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Reactivity chemical stability:

Oxidising agent

Possibility of hazardous reaction:

Stable if stored in cool temperature in sealed container

Possible hazardous reactions:

Toxic gas (chlorine) liberated if in contact with acids. Can react with amines and ammonia solutions to form explosive compounds. Possible violent reaction if in contact with methanol. Reaction with most metals and exposure to light and heat may cause decomposition with production of oxygen, thus assisting combustion.

Condition to avoid:

Direct heat and light sources

Incompatible materials:

Acids, ammonia solutions, methanol and many types of metals

Hazardous decomposition products:

Chlorine



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## 11. Toxicological information

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- Skin:** May cause burns and dermatitis in prolonged exposure. May cause skin irritation to vulnerable persons.
- Eyes:** May cause severe eye damage. May cause permanent damage if immediate washing of eyes is not carried out.
- Inhalation:** Vapours/mist are corrosive to respiratory tract, may cause bronchitis.
- Ingestion:** May cause irritation to mucous membranes and gastrointestinal disturbances.

## 12. Ecological information

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- Eco-toxicity:** In the event of unprofessional handling, an environmental hazard cannot be excluded. Toxic to aquatic life.
- Persistence and degradability:** Decompose quickly in soil and water. Biodegradable.
- Bio-accumulative potential:** Low potential for accumulation
- Mobility in soil:** N.A.

## 13. Disposal consideration

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Dispose according to local health and environmental regulations. Reusing and recycling are preferred over disposal. Use only licensed and authorized transporter and permitted facilities for waste disposal.

## 14. Transport information

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- UN number:** 1791 Class 8, packing group III
- This product is not regulated under any transport regulations

## 15. Regulatory information

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Workplace safety and health act and Workplace safety and Health (General Provisions) Regulation: Subjected to the SDS, labelling and other requirement in the Act/Regulations.

Environmental Protection and Management Act: This product is subjected to the requirements in the Act/Regulations.

## 16. Other information

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- Method of use:** Can be used without dilution for optimal result. Can also be diluted depending on intended purpose of use:
- Regular cleaning: 1 part chemical to 100 parts water  
Heavy cleaning: 1 part chemical to 50 parts water



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End of SDS