

**CERTIFICATE OF MATERIAL SAFETY DATA SHEET (MSDS)**

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

Product Name:  
 Product Information: Liquid Bleach  
 Company Name: TRIRAY Labs Pvt. Ltd.  
 Address: #104, Anusha Castle,  
 Besides Harsha Toyota, Kothaguda X Roads,  
 Kondapur, Hyderabad – 500 084

Phone No. 00914040114815  
 Fax No. 00914040114815

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name: DETSOL TLB4  
 Product Code: TLB4

Ingredients	CAS Number	Percentage
Water	7789-20-0	60-65
Sodium carbonate	7542-12-3	20-60
Acetic acid	9035-69-2	1-5
Surfactants	6543-14-1	5
Fragrance(s)/Perfume(s)	4791-11-2	0.5-1

Contact TRI RAY Labs for more information

**3. HAZARDS IDENTIFICATION**

Health: Inhalation: None known  
 Skin Contact: None Known  
 Eye Contact: May irritate eyes  
 Ingestion: None known  
 Fire: None

**4. FIRST – AID MEASURES**

Inhalation: If signs / symptoms develop, move to fresh air. If signs/ symptoms persist seek medical advice immediately.  
 Skin Contact: Wash with soap and water  
 Eye Contact: Flush eyes with plenty of water. If signs/symptoms persist, get medical attention  
 Ingestion: Not known



**TESTING SERVICES**

Water, Food Materials, Oils, Cakes, Rice Bran, Poultry & Animal Feed,  
 Soil, Chemicals, Metals, Ores, Industrial Effluents & Environmental Consultancy

**5. FIRE FIGHTING MEASURES**

Extinguishing media: As for surrounding media

Fire Fighting Protective Equipment: Wear self contained breathing apparatus and protective clothing appropriate for firefighting if necessary.

Use water spray, foam, dry chemical or carbon dioxide, as suitable for surrounding fire. Specific Hazards: None known

**6. ACCIDENTAL RELEASE MEASURES**

Personal precautions: Please see other sections of this MSDS

Spill Response: Wipe off with paper towels and clean the area with water. For larger spills ventilate the area with fresh air or provide mechanical ventilation.

**7. HANDLING AND STORAGE**

Handling: Wash hands with soap and water after using the liquid. Do not mix with other chemicals or cleaners.

Storage: Keep out of reach of children. Store away from areas where the product may come in contact with food. Store in a cool dry place.

**8. EXPOSURE CONTROL / PERSONAL PROTECTION**

Avoid eye contact.

Avoid prolonged exposure to skin.

No special protection equipment is needed to use this product.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:

Form: Liquid

Colour: Lemon Yellow

Odour: Fragrance

PH (Value): < 1.0

Boiling Point: 62 °C

Melting Point: Not determined

Flash Point: Not determined

Flammable Limits:

Auto Ignition Temperature: More than 100°C

Explosive Properties: None

Oxidising Properties: None

Vapour Pressure (mm Hg): 3mm

Density (g/ml): 0.2

Solubility (Water): yes

Solubility (Other): None

Partition Coefficient: 1

**10. STABILITY AND REACTIVITY**

Hazardous Reactions: None known

Hazardous Decomposition Product(s): None known

Conditions to avoid: Direct heating, dirt, chemical contamination, sunlight, ultraviolet (UV) or ionizing radiation.

Materials to avoid: Do not mix with other chemicals or cleaning liquids.

Product is stable under recommended storage conditions. Hazardous polymerization does not occur.



**11. TOXICOLOGY INFORMATION**

Inhalation (LC50): Not known  
Skin Contact (Dermal – LD50): None known  
Eye Contact: May cause moderate eye irritation  
Ingestion (Oral – LD50): May be harmful if swallowed

**12. ECOLOGICAL INFORMATION**

Environmental Hazards: None known  
Persistence and Degradation: Bio-degradable and Ecofriendly  
Toxicity: < 1.0  
Effect on Effluent Treatment: Nil

**13. DISPOSAL CONSIDERATIONS**

Product & contaminated packaging: No special disposal considerations for waste and leftover quantities.

**14. TRANSPORT INFORMATION**

Not hazardous for transport for CMVR, IMO, or IATA  
UN NO.: Not Hazardous

**15. REGULATORY INFORMATION**

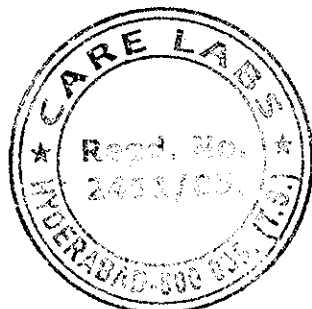
Classification and labeling Danger symbol: None  
Danger Label: Nil  
Safety phrases: Yes

**16. OTHER INFORMATION**

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract.

Lab issuing material safety data sheet: Care Labs, Hyderabad.

Client:  
TRIRAY LABS PVT. LTD.  
#104, Anusha Castle,  
Besides Harsha Toyota, Kothaguda X Roads,  
Kondapur, Hyderabad – 500 084



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AUTHORIZED SIGNATORY  
DATE: 21.01.2015

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