

Chloramine-T Wipes

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : Chloramine-T Wipes
Product code : WCTNF

1.2. Relevant identified uses and uses advised against

Relevant identified uses : Disinfectant
Uses advised against : None

1.3. Details of the supplier of the safety data sheet

LOBA CHEMIE PVT.LTD.
107 Wode House Road, Jehangir Villa, Colaba
400005 Mumbai - INDIA
T: +91 22 6663 6663 F: +91 22 6663 6699
info@lobachemie.com - www.lobachemie.com

1.4. Emergency telephone number

Emergency number : +91 22 6663 6663

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

According to GHS United Nations, 2015	Hazard classes Skin irritation	Classification Skin Irrit., H315
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For full text of Hazard statements: see subsection 2.2.

2.2. Label elements

2.2.1 Hazard pictograms:



2.2.2 Signal words: WARNING

2.2.3 Hazard statements:

H302	Harmful if swallowed.
H315	Causes skin irritation
EUH031	Contact with acids liberates toxic gas

2.2.4 Precautionary statements

P280	Wear protective gloves / protective clothing.
P301 +	P312 IF SWALLOWED: Call a POISON CENTER / doctor if you feel unwell.
P302 +	P352 IF ON SKIN: Wash with plenty of soap and water.
P402 +	P404 Store in a dry place. Store in a closed container.

2.3. Other hazards

The product does not meet the criteria for PBT or vPvB.

SECTION 3: Composition/information on ingredients**3.1. Substances**

Not applicable

3.2. Mixtures

Ingredients:

CAS: 7080-50-4	Sodium p-toluenesulfonchloramide, trihydrate	0.5%
CAS: 151-21-3	Sodium lauryl Sulphate	0.5%
-----	Fragrance	0.3%
7732-18-5	Water	99%

For the full text of the risk phrases and hazard statements mentioned in sections 2 and 3 see section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures**

- 4.1.1 Inhalation: Fresh air, rest. Get medical advice / attention if you feel unwell.
 4.1.2 Skin contact: Remove contaminated clothes, rinse skin with water or shower.
 4.1.3 Eye contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do; continue rinsing.
 4.1.4 Ingestion: Rinse mouth, drink plenty of water and call a doctor / physician. Do NOT induce vomiting

4.2. Most important symptoms and effects, both acute and delayed

- 4.2.1 Acute symptoms and effects from exposure: No effects known during normal use.
 4.2.2 Delayed symptoms and effects from exposure: May cause a disease of the mucous membranes of the upper respiratory tract to people who are sensitive to chlorine.
 Intensive contact with the skin may cause skin disease (eczema).

SECTION 5: Firefighting measures**5.1. Extinguishing media**

- 5.1.1 Suitable extinguishing media: Powder, water.
 5.1.2 Unsuitable extinguishing media: Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

In case of fire the product emits toxic fumes including hydrogen chloride, nitrogen-, sulfur- and carbonoxides.

5.3. Advice for fire-fighters

- 5.3.1 Protective actions: In case of fire: keep containers cool by spraying with water.
 5.3.2 Special protective equipment: Approaching the fire or fire in a room: self-contained respiratory protective.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Gloves, boots, protective clothing. Respiratory protection.

6.2. Environmental precautions

Keep away from drains, surface water or soil.

6.3. Methods and material for containment and cleaning up

Scoop up spilled product and store in a drum. Wash away any residue with water.

6.4. Reference to other sections

See also sections 8 and 13.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Ensure adequate ventilation. Avoid contact with eyes and prolonged contact with skin. Keep away from sources of ignition.

7.2. Conditions for safe storage, including any incompatibilities

Store in its original labelled container in a cool, well ventilated area, away from heat, sparks and other sources of ignition. Keep out of reach of children and animals.

7.3. Specific end use(s)

No special precautions.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****8.1.1 Exposure limit values**

	mg/m ³	ppm	Indicative
TWA limit value 8 hours	not determined		
TWA limit value 15 min.	not determined		

8.2. Exposure controls

Engineering measures:	Normal room ventilation is expected to be adequate. If large numbers of wipes are being used in an enclosed space then additional local exhaust ventilation may be required.
Respiratory protection:	Not normally required
Hand protection:	If large numbers of wipes or prolonged contact is expected, then suitable gloves may be required. Butyl rubber, nitrile rubber, Viton (fluoroelastomer) may be suitable, but glove manufacturers recommendations should always be checked.
Eye protection:	If large numbers of wipes are being used, then safety glasses or goggles may be appropriate.
Skin protection:	If large numbers of wipes or prolonged contact is expected, then suitable protective clothing should be worn. Remove protective clothing when contaminated and wash before reuse.
Environmental Exposure Controls:	Not normally required.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Appearance:	Clear liquid absorbed onto towelling
Odour	No data available.
Odour threshold (mg/ m ³)	No data available.
pH (5% solution)	No data available.
Melting point / freezing point (°C)	No data available.
Boiling point (°C) at 1013 hPa	No data available.
Flash point (°C)	No data available.
Explosive limits, g/m ³ in lucht	No data available.
Vapour pressure at 25 °C (hPa)	No data available.
Relative density (water=1)	No data available.
Solubility in water at 20 °C (g/l)	No data available.
Partition coefficient (log K octanol/water)	No data available.
Auto-ignition temperature (°C)	No data available.
Decomposition temperature (°C)	No data available.
Explosive properties	No data available.
Oxidising properties	No data available.

9.2. None

SECTION 10: Stability and reactivity**10.1. Reactivity**

Not considered to be reactive.

10.2. Chemical stability

The product is stable when stored at normal ambient temperature.

10.3. Possibility of hazardous reactions

None expected.

10.4. Conditions to avoid

Avoid exposure to high and freezing temperatures.

10.5. Incompatible materials

Strong oxidising and acids.

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****(a) Information on toxicological effects**

- Oral No data available
- Dermal No data available
- Inhalation No data available

(b) Skin corrosion/irritation

Not expected to irritate to skin. Prolonged and frequent exposure may dry the skin.

(c) Serious eye damage/irritation

If liquid from the wipe gets into the eye it may cause irritation

(d) Respiratory or skin sensitisation

Not expected to be sensitising

(e) Germ cell mutagenicity

Not expected to be mutagenic

(f) Carcinogenicity

No data available.

(g) Reproductive toxicity

No data available.

(h) Specific target organ toxicity – single exposure

No data available.

(i) Specific target organ toxicity – repeated exposure

No data available.

(j) Aspiration hazard

No data available.

11.2. Likely routes of exposure

No data available.

11.3. Delayed and immediate effects as well as chronic effects from short and long-term exposure

No data available.

SECTION 12: Ecological information**12.1. Toxicity**

- Fish No data available.
- Crustaceans No data available.
- Algae No data available.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Product disposal

Wastes should be disposed of in accordance with local regulations.

Unused product may be disposed of by incineration.

For used product, consideration should be given to any contaminants before deciding on the disposal method.

SECTION 14: Transport Information

The product is not classified as dangerous under ADR-, RID-, ADN-, IMDG-, and IATA regulations.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture**

The applicable EU-/national regulations have to be observed.

15.2. Chemical safety assessment

A Chemical Safety Assessment has not been carried out for sodium p-toluenesulfonchloramide, trihydrate.

SECTION 16: Other information**Abbreviations and acronyms**

CAS	Chemical Abstracts Service (Division of the American Chemical Society)
CLP	Classification, Labelling and Packaging
EC50	Effect Concentration, 50 percent (concentration at which 50 per cent of animals show a particular effect)
EC	European Community
IC50	Inhibitory Concentration, 50 percent (concentration at which 50 per cent of algae show growth inhibition)
LC50	Lethal Concentration, 50 percent (concentration at which 50 per cent of animals die)
LD50	Lethal Dose, 50 percent (dose at which 50 per cent of animals die)
PBT	Persistent, Bioaccumulative and Toxic
ppm	Parts per million
TWA	Time Weighted Average
vPvB	very Persistent and very Bioaccumulative

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product