

Safety Data Sheet Sodium Hypochlorite

<u>1-Product and Company Identification:</u> 1-Trade Name: 2-Manufacturer: 3-Address: 4-Phone No: 5-Fax No: 6-Emergency Phone No:	Sodium Hypochlorite TCL Company Dubai UAE 3 .Industrial Area No,Al Qusais 00971 4 267 58 20 00971 4 267 58 30 00971 50 9885223
<u>2-Chemical Composition</u> Substance:	Caustic Soda, Chlorine,
<u>3-Description</u>	Sodium hypochlorite is a compound that can be effectively used for water purification. It is used on a large scale for surface purification, bleaching, odor removal and water disinfection.
<u>4-Where to Use</u>	Sodium hypochlorite is used on a large scale. - Agriculture - Chemical Industries - Paint and Lime Industries - Food Industries - Glass Industries - Paper Industries - Pharmaceutical Industries - Synthetic Industries - Waste Disposal Industries
<u>5-How to Use</u>	Use sodium hypochlorite to bleach textile in textile industries. Sometimes, it is added to industrial water to reduce odors. It is also used to detoxify cyanide baths in metal industries. Sodium Hypochlorite can be used to prevent algae and shellfish growth in cooling water. In water treatment, it can be used to disinfect water and in households, it can be frequently used for purification and disinfection.
<u>6- Hazard Identification:</u> Main Hazards:	Ingestion Harmful Irritating to the eye Irritating to the skin
<u>7-First Aid Measures:</u> 1- In case of inhalation	Move to fresh air.

Dubai Office:
Address
 Qusais Industrial
 Area 3 - Dubai
 P.O. Box: 94988
 UAE, Dubai

Tel. No. : +971 4 2675820
Fax No. : +971 4 2675830
Email : uae@tcl-eg.com
Web site : www.tcl-eg.com
www.tclqcc.com

2- In case of ingestion:	Do not induce vomiting, drink milk & seek a medical advice immediately.
3-In case of contact with eyes:	Apply copious amounts of water to the eye for at least 15 minutes, summon a doctor immediately
4- In case of contact with skin:	Irritant to skin can cause redness and pain. After prolonged exposure, skin can become sensitive.
8- Fire Fighting Measures: 1-Extinguishing media: 2-Unsuitable extinguishing media 3-Unusual fire & explosion hazard	Flammable Water spray jet, alcohol resistant foam, dry powder — Do not expose to a direct flame or any incandescent material.
9-Spillage:	Collect with absorbent substance and then dispose it to a commercial waste.
10-Handling & Storage: 1- Handling 2- Storage:	Transport and Storage of Sodium Hypochlorite are safe Handle in well ventilated area avoiding any dispersal of product into the air, keep away from contact of children & eye Store away from light & heat for reasons of conformity of product rather than safety.
11-Exposure Controls / Personal Protection	This can cause coughing and a sore throat. After swallowing, the effects are stomach ache, burning sensation, coughing, diarrhea, a sore throat and vomiting. Irritant to skin.
12-Physical & chemical properties: Physical state: Color Solubility: Odor: Specific Gravity: PH Value:	Liquid Slightly Yellowish Color Soluble in water Characteristic Odor Relative density of 1.1 (5.5 % watery solution) 11
13-Stability & Reactivity	Stable at room temperature
14- Toxicological Information	Toxic and mutagenic when it comes in contact with ammonium salts
15- Ecological Information: Biodegradability:	Biodegradable

<u>16-Disposal</u> Product disposal: Container disposal:	Dispose directly to waste water drain Container can not be reused
<u>17-Transport:</u> RTMDR: IATA: OMCI: RID/ADR:	Not classified Not classified Not classified Not classified
<u>18-Regulatory Information:</u>	This product is environmental friendly product
<u>19-Other Information:</u>	The information given in this sheet form tests carried out according to 91/155/EEC

The information contained in this sheet is given to the best of our knowledge

