



# SAFETY DATA SHEET

According to Globally Harmonized System of Classification and Labelling of Chemicals (GHS) - Sixth revised edition

Version: 1.0

Creation Date: Apr 01, 2020

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

### 1.1 GHS Product identifier

Product name: Disinfectant Clear 200

### 1.2 Other means of identification

Product number -LMDC200

Other names - Liquid Medical- Disinfectant Clear 200

### 1.3 Recommended use of the chemical and restrictions on use

Identified uses: Oxidizing/reducing agents, disinfectant/sanitiser

Uses advised against: ingestion

### 1.4 Supplier's details

Company: Liquid Medical LTD

Address: 20 – 22 Wenlock Road, London. N1 7GU.

Telephone: +44 (0) 203 4685830

### 1.5 Emergency phone number

Emergency phone number : +44 (0) 203 4685830 -

Service hours: Monday to Friday, 9am-5pm (Standard time zone: UTC/GMT +8 hours).

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## 2. HAZARDS IDENTIFICATION

### Classification

#### 2.1 Classification of the substance or mixture

Not classified.

#### 2.2 GHS label elements, including precautionary statements

No Symbol

No signal word

Hazard statement – None

#### **Precautionary statement(s)**

Prevention none

Response none

Storage none

Disposal none

#### 2.3 Other hazards which do not result in classification

None

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

### Substance

<u>Chemical name</u>	<u>Common names and synonyms</u>	<u>CAS number</u>	<u>EC num</u>
Hypochlorous Acid <0.04%	Hypochlorous Acid, HOCl, HOCL	7790-92-3	none
Sodium Chloride <0.01%	Salt	7647-14-5	none
Softened H2O >99.05%	Water	7732-18-5	none

## 4. FIRST AID MEASURES

Liquid Medical solution produced up to 400ppm is non-harmful, non-irritant however standard procedures would be;

Eye contact:	Where irritation occurs, flush with cool fresh water
Skin Contact:	Where irritation occurs wash the skin with soap and water
Ingestion:	Drink cool fresh water to flush through and dilute
Inhalation:	Move to fresh air. If dizziness or nausea persists seek medical attention

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## 5. FIRE-FIGHTING MEASURES

There are no special requirements for this solution. Not flammable.

## 6. ACCIDENTAL RELEASE MEASURES

Non-hazardous to environment

Personal precautions:	Do not touch or breathe
Environmental precautions:	The solution is biodegradable and has a limited activation period.
Spillage:	Wipe up with disposable towels there are no special disposal instructions.

## 7. HANDLING AND STORAGE

Keep containers sealed

Conditions for storage:	Do not store in direct sunlight. Keep container tightly closed.
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In the area where the solution is produced there should be good ventilation. For those with very sensitive skin it may be advisable to wear gloves.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection :	No Requirements as non-hazardous
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Appropriate engineering controls:	Handle in accordance with good industrial hygiene and safety practice.
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### Individual protection measures, such as personal protective equipment (PPE):

Eye/face protection:	There are no requirements
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Thermal hazards:	None
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Body Protection:	No Requirements
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Hand protection:	During production, those personnel with sensitive skin should wear protective gloves
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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
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Colour:	Clear, transparent liquid (like water)
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Odour:	Slight chlorine smell varying with solution strength
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Melting point/ freezing point	0c / 0c
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Boiling point or and boiling range:	100c
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Flammability:	Non-flammable
Lower and upper explosion limit / flammability limit:	None
Flash point:	None
pH:	6.5
Explosive:	N/A

## 10. STABILITY AND REACTIVITY

Stability	Stable under all normal storage conditions
Materials to avoid:	The solution does not react with other materials
Hazardous decomposition products:	None

## 11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Non-toxic
Irritant-Eyes:	Non-Irritating
Irritant-Skin:	Non-irritating
Reproductive and developmental:	None known
Skin contact:	Non-irritating
Chronic Toxicity/Carcinogens:	None
Human Data:	None

## 12. ENVIRONMENTAL INFORMATION

Eco Toxicity:	Destroys bacteria, spores, viruses and algae
Degradability and Persistence:	Fully Biodegradable
Bioaccumulation:	None
Mobility:	None

## 13. DISPOSAL CONSIDERATIONS

There are no special disposal procedures

## 14. TRANSPORT INFORMATION

Not classified as Hazardous for transport

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## 15. REGULATORY INFORMATION

<u>Chemical name</u>	<u>Common names and synonyms</u>	<u>CAS number</u>	<u>EC number</u>
Hypochlorous acid	Hypochlorous acid, HOCl, HOCL	7790-92-3	None

This document has been established in accordance with 1907 2006 EC, 453 2010 EC and 1272 2008 EC.

European Inventory of Existing Commercial Chemical Sub. (EINECS):	Listed.
EC Inventory:	Listed.
United States Toxic Substances Control Act (TSCA) Inventory:	Listed.
China Catalog of Hazardous chemicals 2015:	Not Listed.
New Zealand Inventory of Chemicals (NZIoC):	Listed.
Philippines Inventory of Chemicals and Chemical Substances (PICCS):	Not Listed.
Vietnam National Chemical Inventory:	Listed.
Chinese Chemical Inventory of Existing Chemical Sub. (China IECSC):	Not Listed.

## 16. OTHER INFORMATION

Information on revision

Creation Date Aug 12, 2017

Revision Date Apr 2020

### Abbreviations and acronyms

CAS: Chemical Abstracts Service

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

RID: Regulation concerning the International Carriage of Dangerous Goods by Rail

IMDG: International Maritime Dangerous Goods

IATA: International Air Transportation Association

TWA: Time Weighted Average

STEL: Short term exposure limit

LC50: Lethal Concentration 50%

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LD50: Lethal Dose 50%

EC50: Effective Concentration 50%

The information in this document meets the European requirements for safety and health measurements (91/155/EWG)

The information contained in this document is based on the data considered to be accurate at the time of publication and is given free of charge. It is representative for typical product but batches may exhibit minor variations.

NO warranty is expressed or implied concerning the accuracy of this data.

In case of doubt or for clarification Liquid medical should be consulted. Liquid Medical are unable to anticipate all conditions under which the product may be used, and users are advised to carry out an assessment of

Workplace risk and carry out their own tests to determine Safety and Suitability for the process and conditions of use.

This information is intended for use in the EC-countries only as different limits may be set in other countries. Please check your Local and National Authorities or Supplier. (91/155/EWG)

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## **References**

IPCS - The International Chemical Safety Cards (ICSC), website: <http://www.ilo.org/dyn/icsc/showcard.home>

HSDB - Hazardous Substances Data Bank, website: <https://toxnet.nlm.nih.gov/newtoxnet/hsdb.htm>

IARC - International Agency for Research on Cancer, website: <http://www.iarc.fr/>

eChemPortal - The Global Portal to Information on Chemical Substances by OECD, website:  
[http://www.echemportal.org/echemportal/index?pageID=0&request\\_locale=en](http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en)

CAMEO Chemicals, website: <http://cameochemicals.noaa.gov/search/simple>

ChemIDplus, website: <http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp>

ERG - Emergency Response Guidebook by U.S. Department of Transportation, website:  
<http://www.phmsa.dot.gov/hazmat/library/erg>

Germany GESTIS-database on hazard substance, website: <http://www.dguv.de/ifa/gestis/gestis-stoffdatenbank/index-2.jsp>

ECHA - European Chemicals Agency, website: <https://echa.europa.eu/>

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. We as supplier shall not be held liable for any damage resulting from handling or from contact with the above product.

**End of Safety Data Sheet**