

MATERIAL SAFETY DATA SHEET

1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name: Antiseptic Liquid No.2
Other Names: Sodium hypochlorite 5,2%
Recommended Use: Stabilized solution with sodium hypochlorite 5.2 % for canal irrigation

Company name: "TehnoDent" Co.Ltd
Address: 132 "A" Korochanskaya str., Belgorod, Russian Federation, 308006
Telephone: +7 (4722) 23-14-18
Fax: +7 (4722) 23-14-81

2 - HAZARDS IDENTIFICATION

Hazard description: Not applicable.

Information concerning particular hazards for human and environment:

The product does not have to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3 - COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous substances present on their own:

Dangerous components:			
CAS: 497-19-8 EINECS: 207-838-8	sodium carbonate	☒ Xi; R 36	2.5-10%

Additional information: For the wording of the listed risk phrases refer to section 16.

4 - FIRST AID MEASURES

General information: No special measures required.
After inhalation: Supply fresh air; consult doctor in case of complaints.
After skin contact: Generally the product does not irritate the skin.
After eye contact: Rinse opened eye for several minutes under running water.
After swallowing: If symptoms persist consult doctor.

5 - FIRE-FIGHTING MEASURES

Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Protective equipment:

No special measures required.

6 - ACCIDENTAL RELEASE MEASURES

Person-related safety precautions: Not required.

Measures for environmental protection:

Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.

Measures for cleaning/collecting:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Additional information: No dangerous substances are released.

7 - HANDLING AND STORAGE

Handling:

Information for safe handling:

No special measures required.

Information about fire - and explosion protection:

No special measures required.

Storage:

Requirements to be met by storerooms and receptacles:	No special requirements.
Information about storage in one common storage facility:	Not required.
Further information about storage conditions:	None.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical facilities: No further data; see item 7.

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists valid during the making were used as basis.

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: Not required.

Protection of hands: Not required.

Material of gloves: Rubber gloves

Eye protection: Goggles recommended during refilling

9 - PHYSICAL AND CHEMICAL PROPERTIES

General information:

Form:	Fluid
Colour:	According to product specification
Odour:	Characteristic

Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 100°C

Flash point: Not applicable.

Self-igniting: Product is not selfigniting.

Danger of explosion: Product does not present an explosion hazard.

Density: Not determined.

Solubility in / Miscibility with

water: Fully miscible.

10 - STABILITY AND REACTIVITY

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

Dangerous reactions: No dangerous reactions known.

Dangerous decomposition products: No dangerous decomposition products known.

11 - TOXICOLOGICAL INFORMATION

Acute toxicity:

Primary irritant effect:

on the skin: No irritant effect.

on the eye: No irritating effect.

Sensitization: No sensitizing effects known.

Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12 - ECOLOGICAL INFORMATION

General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

13 - DISPOSAL CONSIDERATIONS

Product:



Recommendation Smaller quantities can be disposed of with household waste.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agents: Water, if necessary together with cleansing agents.

14 - TRANSPORT INFORMATION

Land transport ADR/RID (cross-border)

ADR/RID class: -

Maritime transport IMDG:

IMDG Class: -

Marine pollutant: No

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: -

15 - REGULATORY INFORMATION

Labelling according to EU guidelines:

Observe the general safety regulations when handling chemicals.

The product has not been classified and marked in accordance with EU Directives / respective national laws.

Special labelling of certain preparations:

Safety data sheet available for professional user on request

16 - OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant R-phrases

36 Irritating to eyes.