

Safety Data Sheet

CELLCLEAN



SYSMEX CORPORATION
KOBE, JAPAN

Safety Data Sheet

Described date : 1998/11/18

Revised date : 2023/04/21

Reviewed date : 2023/04/21

1. Identification

Trade Name:	CELLCLEAN
Recommended use of the chemical and restrictions on use:	Diagnostic testing
Supplier's name:	Sysmex Corporation 1-5-1 Wakinohama-kaigandori, Chuo-ku, Kobe, Hyogo 651-0073, Japan
Contact address:	4-4-4 Takatsukadai, Nishi-ku, Kobe, Hyogo, 651-2271, Japan
Emergency telephone:	TEL (+81)78-991-1911

2. Hazard identification

Classification of hazards

Physical hazards: Not classified

Health hazards

Skin corrosion/irritation: Category 1

Serious eye damage/Eye

Respiratory:

Environmental hazards

Hazardous to the aquatic

Environment (Acute):

Hazardous to the aquatic

Environment (Chronic):

GHS Label elements:

Hazard Pictogram:



GHS05

GHS09

Signal words: Danger

Hazard statements: H314 Causes severe skin burns and eye damage.

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention:

P260 Do not breathe mist/vapours/spray.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

	P391 Collect spillage.
Storage:	No data available
Disposal:	No data available
Non-classified hazards:	
PBT assessment:	No data available
vPvB assessment:	No data available

3. Composition/information on ingredients

Classification	Mixture (aqueous solution)
Hazardous Ingredients	
Chemical Name, content:	Sodium hypochlorite (5% Cl concentration)
CAS number:	7681-52-9

4. First-aid measures

Inhalation:	Get medical attention if necessary.
Skin Contact:	Wash with a large amount of water If skin irritation occurs: Get medical advice/attention
Eye Contact:	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. Immediately call a doctor/physician
Ingestion:	Rinse mouth with water well and get medical attention if necessary.
Protection for responders:	Not especially necessary.

5. Fire-fighting measures

Extinguishing Media:	Water, chemical powder, foam, carbon dioxide extinguisher
Media that do not use:	None
Special Procedures:	None

6. Accidental release measures

Precautions of human body protection:	Wear eye protection/face protection
environment:	No data available
Methods for cleaning up:	No data available
Prevention of secondary disaster:	No data available

7. Handling and storage

Handling	
Notes of technical manner:	No data available
Cautions for safe handling:	No data available
Contact avoidance:	Avoid eye contact and skin contact
Advice on general hygiene:	No data available
Storage	
Cautions for safe handling:	Store at a room temperature.
Containers, packaging materials:	No data available

8. Exposure controls/personal protection

Managing concentration:	No data available
Threshold concentration ACGIH:	No data available
Measuring Equipment:	Not especially necessary.
Protective equipment:	
Respiratory protective equipment:	Not especially necessary.
Hand protective equipment:	Protective gloves
Eye protective equipment:	Protective glasses
Skin and hand protective equipment:	Protective clothes and others

9. Physical and chemical properties

Physical state:	Liquid
Colour:	Pale yellow
Odour:	Pungent
Melting point/freezing point :	No data available
Boiling point or initial boiling point and boiling range :	No data available
Flammability:	No data available
Lower and upper explosion limit/ flammability limit :	No data available
Flash point:	No data available
Auto-ignition temperature :	No data available
Decomposition temperature:	No data available
pH:	Strong alkaline
Kinematic viscosity:	No data available
Solubility:	Freely soluble in water.
Partition coefficient n-octanol/water (log value) :	No data available
Vapour pressure :	No data available
Density and/or relative density :	1.07 (20°C)
Relative vapour density :	No data available
Particle characteristics :	No data available

10. Stability and reactivity

Reactivity :	No data available
Chemical Stability:	Slowly decomposes on contact with air. Rate increases with the concentration and temperature. Exposure to sunlight accelerates decomposition.
Hazardous reactivity:	No data available
Conditions to avoid:	No data available
Incompatibility:	Emits toxic fumes of chlorine
Hazardous Decompositions:	Acids.

11. Toxicological tests

Acute toxicity (oral):	As 10% Sodium hypochlorite : Mouse oral LD ₅₀ 5.8 mg/kg
Skin corrosion/irritation:	No data available
Serious eye damages/eye	Rabbit Draize test: 0.01mL 5% sodium hypochlorite solution score

irritation:	was 11/110, and 0.1mL 5% sodium hypochlorite solution score was 40/110.
Respiratory sensitization or skin sensitization:	No data available
Germ cell mutagenicity:	No data available
Carcinogenicity:	No data available
Reproductive toxicity:	No data available
STOT (Single exposure):	No data available
STOT (Repeated exposure):	No data available
Aspiration respiratory hazards:	No data available

12. Ecological information

Ecotoxicity:	As NaOCl pure substance: Pimephales promelas (fathead minnow) 96 h LC ₅₀ 5.9 mg/L.
Persistence and degradability:	No information available
Bioaccumulative potential:	No information available
Mobility in soil:	No information available
Ozone depletion potential :	No information available

13. Disposal considerations

Residual waste:	In the case of this product alone, wash away with large amount of water.
Vessel and packing materials:	Entrust the disposal to a waste disposal contractor authorized by the administrative agency or properly dispose of it abiding by the Waste Disposal and Public Cleansing Law.

14. Transport information

Air transport (ICAO/IATA)	
UN number:	UN#1791
UN proper shipping name:	HYPOCHLORITE SOLUTION
Transport Hazard Class:	Class 8 (corrosive)
Packing groups:	III
Sea transport:	
UN number:	UN#1791
UN proper shipping name:	HYPOCHLORITE SOLUTION
Transport Hazard Class:	Class 8
Packing groups:	III
Marine pollutant:	Applicable: Symbol "fish and tree"
Land transport:	No information available
Inland waterways transport:	No information available
Special safety measures and conditions:	Check and confirm no leakage of containers and packing: and load them in such a way as no tumbling, falling-down, and damages. Be sure to prevent cargo collapse.

15. Regulatory information

National regulations:	
ISHA Act:	Applicable: Sodium hypochlorite (Cabinet Order Number 3)
PRTR Law:	Not applicable
Poisonous and Deleterious Substances Control Act:	Not applicable

CSCL Law:	Applicable: Sodium hypochlorite (MITI Number 1-237, Category: Section 1)
Water Pollution Prevention Act:	Applicable: Sodium hypochlorite (Cabinet Order Number: Article 3-3-11 of Cabinet order, Classification Designated substances)

16. Other Information

Miscellaneous Information:	The described information has been based on the best knowledge of SYSMEX's possession; however it is not intended to guarantee the correctness and completeness of the information. For the applicability of the product, it is the obligation of each user of the product to make the decision.
Other information:	This SDS is prepared in accordance with GHS version 7
Revised parts:	Revised to comply with GHS version 7.
A key/ legend to abbreviations and acronyms:	ISHA Act: Industrial Safety and Health Act PRTR Law: Act on Confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environment and Promotion of Improvements to the Management Thereof (PRTR-SDS Law) CSCL Law: Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Chemical Substances Control Law; CSCL)
Key literature references and sources for data:	None
