

Safety Data Sheet

CyFlow CLEAN



SYSMEX CORPORATION
KOBE, JAPAN

Safety Data Sheet

Described date: 2019/07/11

Revised date:

1. Identification of the substance/preparation and the company

Trade Name: CyFlow CLEAN
Use of the preparation: Diagnostic testing
Supplier's Name: Sysmex Corporation
Address: 1-5-1 Wakinohama-kaigandori, Chuo-ku, Kobe, Hyogo 651-0073,
Japan
Emergency Telephone:

2. Possible hazards

Classification of hazards:

Physical & chemical danger Not applicable

Health hazards

Acute toxicity(oral) Not classified

Acute toxicity(inhalation) Unclassifiable

Skin corrosion/irritation Classification 2

Serious eye damage/Eye Classification 1

Respiratory Unclassifiable

Environmental hazards

Hazardous to the aquatic

Environment(acute) Not classified

GHS Label:

Symbols



Signal words Danger

Hazard statements Causes skin irritation

Causes serious eye damage

Precautionary statements

Prevention

Wash thoroughly after handling

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

Response in cases of accidental spillage or exposure

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses if present and easy to do – continue rinsing.

Immediately call a doctor/physician

IF ON SKIN: Wash with a large amount of water

If skin irritation occurs: Get medical advice/attention

Take off contaminated clothing and wash before reuse

3. Composition/information on ingredients

Chemical characterization Mixture (aqueous solution)

Hazardous Ingredients

Chemical Name, content: Sodium hypochlorite (5% Cl concentration)

CAS number: 7681-52-9

4. First-aid measures	
Ingestion:	Rinse mouth with water well and get medical attention if necessary.
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
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
Environmental Precautions:	No data available
Methods for cleaning up:	No data available
7. Handling and storage	
Handling	
Notes of technical manner:	No data available
Cautions for safe handling:	Avoid eye contact and skin contact
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	
Nature of substance:	Colorless transparent or pale yellow liquid
Odour:	Pungent
pH:	Strong alkaline
Melting point/range:	No data available
Boiling point/range:	No data available
Flash point:	No data available

Relative density:	1.07(20°C)
Solubility:	Freely soluble in water.

10. Stability and reactivity

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
Acute toxicity (dermal):	No data available
Skin corrosion/irritation:	No data available
Serious eye damages/eye irritation:	Rabbit Draize test: 0.01mL 5% sodium hypochlorite solution score was 11/110, and 0.1mL 5% sodium hypochlorite solution score was 40/110.
Respiratory sensitization or skin sensitization:	No information available
Germ cell mutagenicity:	No information available
Carcinogenicity:	No information available
Reproductive toxicity:	No information available
Aspiration respiratory hazards:	No information available

12. Ecological information

Environmental toxicity:	As NaOCl pure substance: Pimephales promelas (fathead minnow) 96 h LC ₅₀ 5.9 mg/L.
Remaining/accumulation:	No information available
Bioaccumulation:	No information available
Movability in the soil:	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	
UN code and number:	UN#1791 Class 8 (corrosive)
Packing groups:	3
Sea transport:	The same above
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. Regulations

National regulations:	No information available
Labeling	[EU directives 67/548/EEC and 1999/45/EC]
R-phrases:	R31: Contact with acids liberates toxic gas. R36/37: Irritate eyes and skin. R35: Causes severe burns. C: Corrosive
S-phrases:	S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37/39: Wear suitable clothing, gloves and eye/face protection. S45: In case of accident or if you feel unwell, seek medical advice immediately. No chemical safety assessment has been carried out for this mixture by the supplier.

16. Other Information

Special Precaution:	No information available
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.
