



SAFETY DATA SHEET (SDS)
CLASSIK DISHWASHER SANITIZER

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product identification

Product name : CLASSIK Dishwasher Sanitizer

Other means of identification

Product ID : A-03500J

Product type : Liquid

Relevant identified uses

Recommended use : For institutional use

Restrictions on use : All other uses than those indicated on the product label and technical data sheet.

Details of the supplier of the safety data sheet

Supplier / Manufacturer : Groupe CAM-J Inc.
3750 Place LaFayette Est
Boisbriand, QC, J7H1N6
Tél : 450.430.1550
Fax : 450.430.1561

E-mail : info@cam-j.com

Emergency number

Emergency telephone number (with hours of operation) : Poison Control Centre : 1-800-463-5060
CANUTEC : +1-613-996-6666 or *666 (cellphone)(24/7)

SECTION 2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

SKIN CORROSION - Category 1
SERIOUS EYE DAMMAGE - Category 1

GHS Label Elements

Hazard(s) pictograms :   GHS05 GHS09

Signal word : Danger

Hazard statements : **H314** - Causes severe skin burns and eye damage.
H400 - Very toxic to aquatic life.
H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements

- **Prevention** : **P264** - Wash thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- **Response** : **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 or doctor/physician.
- **Disposal** : **P501** - Dispose of contents and container in accordance with local, regional and national regulations.

Other known hazards

Not additional information available



SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance/mixture

Substances : Mixture
Other means of identification : Aqueous solution mainly composed by the following ingredients

CAS number /other identifiers/ Mixtures

CAS number : Not applicable

Ingredient name	% (p/p)	CAS number
Sodium Hypochlorite	3.0-7.0%	7681-52-9
Sodium Hydroxide	<0.7	1310-73-3

Within the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities requiring reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4. FIRST-AID MEASURES

Description of necessary first aid measures

Eye contact : Get medical attention immediately. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 15 minutes.

Inhalation : Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.

Skin contact : Flush contaminated skin with plenty of water. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 15 minutes.

Ingestion : Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact : Causes serious eye damage. May irritate eyes.

Inhalation : Inhalation of airborne droplets or aerosols may cause irritation of the respiratory tract.

Skin contact : Causes severe burns.

Ingestion : May cause burns to mouth, throat and stomach.

Over-exposure signs/symptoms

Eye contact : Adverse symptoms may include the following: pain, watering, redness

Inhalation : No known significant effects or critical hazards.

Skin contact : Adverse symptoms may include the following: pain or irritation, redness, blistering may occur

Ingestion : Adverse symptoms may include the following: Stomach pains

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments : No specific treatment.

Protection of first-aiders : *No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.*

See toxicological information (section 11)

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media : *Carbon dioxide (CO₂), extinguishing powder, water spray or alcohol resistant foam.*
Unsuitable extinguishing media : *Do not use dry chemical extinguishing agents that contain ammonium compounds.*

Specific hazards arising from the chemical

Fire hazard : *In a fire or if heated, a pressure increase will occur and the container may burst.*
Hazardous thermal decomposition products : *Decomposition products may include the following materials: Chlorine; Hydrogen chloride gas; Oxygen; Sodium dioxides*

Special protective equipment and precautions for fire-fighters

Special protective actions for fire-fighters : *Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any person risk or without suitable training.*
Special protective equipment for fire-fighters : *Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.*

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : *No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.*
For emergency responders : *If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".*

Methods and materials for containment and cleaning up

Methods for containment : *Stop leak if without risk. Move container from spill area. Absorb with an inert dry material and place in an appropriate waste disposal container.*
Methods for cleaning up : *No special collection methods required. Dispose of in accordance with all national and local regulations.*

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

Protective measures : *Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Avoid release to the environment. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from acids. Empty containers retain product residue and can be hazardous. Do not reuse container.*
Advice on general occupational hygiene : *Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.*

Conditions for safe storage, including any incompatibilities : *Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Separate from acids. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.*

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Occupational exposure limits

Hazardous ingredients	Exposure limit values
Sodium Hypochlorite	CA Quebec Provincial (Canada). STEL : 2mg/m ³
Sodium Hydroxyde	CA Quebec Provincial (Canada). STEL : 2mg/m ³

No other important information available.

Individual protection measures

General protection and hygiene measures : *Wash hands, forearms and face thoroughly after handling chemical products before eating, smoking and using lavatory and at the end of the working period. Wash contaminated clothing before reusing. Remove and wash contaminated clothing before reuse. Ensure that eyewash stations and safety showers are close to the workstation location.*

Eye/face protection : *Wear eye protection against chemical splashes.*

Hands protection : *Wear chemical-resistant, impervious gloves.*

Skin & body protection : *Wear appropriate protective clothing to prevent skin contact.*

Respiratory Protection : *None under normal conditions of use.*

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

Appearance

Physical state : *Liquid*

Colour : *Yellow*

Odour : *Chlorine odor*

Odor threshold : *Not available.*

pH : *11.5-13.5*

Melting point : *Not available.*

Freezing point : *Not available.*

Boiling point : *96-120°C*

Flash point : *Not available.*

Evaporation rate : *Not available.*

Flammability (solid, gaseous): : *Not applicable.*

Lower and upper explosive (flammable) limits : *Not available.*

Vapor pressure : *Not available.*

Vapor density : *Not available.*

Relative density (g/ml) : *1.09-1.15*

Solubility : *Complete in water*

Partition coefficient: noctanol/water : *Not available.*

Auto-ignition temperature : *Not available.*

Decomposition temperature : *Not available.*

Viscosity : *Not available.*

SECTION 10. STABILITY ET REACTIVITY

Reactivity

React vigorously with acids. Reacts with amines and ammonia to form explosively unstable compounds. May develop chlorine if mixed with acidic solutions. Contact with some reactive metals may produce flammable hydrogen gas. Corrosive to metals.

Chemical Stability

The product is stable.

Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid

Avoid heat and open flame. Exposure to sunlight. Do not mix with other chemicals.

Incompatible materials

Reactive or incompatible with the following materials: Acids, Urea, Ammonia and Ammonium salts, Amides, Amines, Nitrogen containing compounds, Combustible materials and Oxidizers, Organic materials, Metals, Reducing materials, Hydrocarbons materials, Alcohols, Ether. Avoid contact with Magnesium, galvanized Zinc, Tin, Chromium, Brass and Bronze generates explosive Hydrogen.

Hazardous decomposition products

Hydrogen chloride, Chlorine gas, Sodium dioxide.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity

There is no data available.

Irritation/Corrosion

Product/ingredient name	Result		Species	Exposure
Sodium hypochlorite	Oral	LD50	Rat	8200mg/kg
	Dermal	LD50	Rabbit	10000mg/kg
Sodium hydroxide	Oral	LD50	Rat	2400mg/kg
	Dermal	LD50	Rabbit	>2000mg/kg

Sensibilization

There is no data available.

Mutagenicity

There is no data available.

Carcinogenicity

Classification

Product/ingredient name	OSHA	CIRC	NTP	ACGIH	EPA	NIOSH
Sodium hypochlorite	-	-	-	-	-	-
Sodium hydroxide	-	-	-	-	-	-

Reproductive toxicity

There is no data available.

Teratogenicity

There is no data available.

Specific target organ toxicity (single exposure)

There is no data available.

Specific target organ toxicity (repeated exposure)

There is no data available.

Aspiration hazard

There is no data available.

Information on the likely routes of exposure : Dermal contact. Eye contact. Inhalation. Ingestion.

Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : Adverse symptoms may include the following: Pain, watering, redness
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Adverse symptoms may include the following: pain or irritation, redness, blistering may occur
- Ingestion** : Adverse symptoms may include the following: stomach pains

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

- Potential immediate effects** : No known significant effects or critical hazards.
- Potential delayed effects** : No known significant effects or critical hazards.

Long term exposure

- Potential immediate effects** : No known significant effects or critical hazards.
- Potential delayed effects** : No known significant effects or critical hazards.

Potential chronic health effects

- General** : No known significant effects or critical hazards.
- Carcinogenicity** : No known significant effects or critical hazards.
- Mutagenicity** : No known significant effects or critical hazards.
- Teratogenicity** : No known significant effects or critical hazards.
- Developmental effects** : No known significant effects or critical hazards.
- Fertility effects** : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

There is no data available.

SECTION 12. ÉCOLOGICAL INFORMATION

Toxicity

Product/ingredient name	Result	Species	Exposure
Sodium hypochlorite	Acute LC50 0.03-0.07 mg/L (Aquatic)	Oncorhynchus mykiss- Rainbow trout	96 hours
	Acute LC50 0.034 mg/L (Aquatic)	Daphniida-Daphnia magna	48 hours
Sodium hydroxide	Acute LC50 196 mg/L (Aquatic)	Poecilia- P. reticulata- Guppy	96 hours
	Chronic NOEC 56 mg/L (Aquatic)	Poecilia- P. reticulata- Guppy	96 hours

Persistence and degradability

There is no data available.

Bioaccumulative potential

There is no data available.

Mobility in soil

- Soil/water partition coefficient (KOC)** : There is no data available

Other adverse effects

No known significant effects or critical hazards.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

- Waste treatment methods** : Dispose of contents must be made according to local, state or national legislation. Do not allow to get into surface water, drains and ground water.
- Container disposal:** : Only empty containers could be recycled.



SECTION 14. TRANSPORT INFORMATION

	TDG Classification	IMDG	IATA
UN number		<i>Non-classified</i>	
UN proper shipping name		<i>Non-classified</i>	
Transport hazard class(es)		<i>Non-classified</i>	
Packing group		<i>Non-classified</i>	
Environmental hazards		<i>Not applicable</i>	
Additional information		<i>Not applicable</i>	

Special precautions for user

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

SECTION 15. REGULATORY INFORMATION

Canadian List

- Canadian NPRI : *None of the components are listed.*
- CEPA Toxic substances (Canadian Environmental Protection Act) : *None of the components are listed.*
- Canada inventory : *All components are listed or exempted.*

SECTION 16. OTHER INFORMATION

History

- Date of issue : *01/05/2018*
- Version : *1*
- Prepared by : *Groupe CAM-J inc.*
- Key to abbreviations : *ATE = Acute Toxicity Estimate*
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
UN = United Nations
HPR = Hazardous Products Regulations

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