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SECTION I:
Product and company identification.

Chemical name:	Sanitizer based on quaternary ammonium salts
Chemical formula:	Does not apply
CAS Number Registration:	63449-41-2
Transportation Information.	It is not dangerous in transport
Chemical Family:	Quaternary ammonium salt solution
Manufacturer name:	In case of emergencies contact the phone: 5536660857, E-mail: insp.miniara@gmail.com
Full address:	Maquiladora Miniara S.A de C.V
Recommended uses:	Industrial cleaning and hygiene

SECTION 2:
Identification of risks.

Classification of the mixture. According to NOM-018-STPS-2015 Category 2 - Irritating to eyes.	
According to Regulation (EU) No 1272/2008: Eye Irrit. 2: Causes serious eye irritation.	
Classification of the mixture. According to NOM-018-STPS-2015 Category 1 - slight irritant to the respiratory tract.	
Classification of the mixture. According to NOM-018-STPS-2015 Category 1 - corrosive to metals.	

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SECTION 3:

Component identification and information.

Substance Does not apply

Mixes. Substances that pose a health or environmental hazard according to NOM-018-STPS-2015 of dangerous substances or the Regulation, have assigned a community exposure limit in the workplace, are classified as Skin sensitization (categories 1, 1A and 1B) e Serious eye damage / Eye irritation (category 2 / 2A):

Name	CAS number	Concentration	Classification	Personal protection equipment
Sodium hypochlorite	63449-41-2	>=10%	According to NOM-018-STPS-2015 it is irritating to the eyes and corrosive to metals	Glasses and gloves

SECTION 4:

First aid.

Description of first aid.

In cases of doubt, or when symptoms of discomfort persist, seek medical attention. Never give anything by mouth to people who are unconscious.

Inhalation. Place the injured person outdoors, keep him warm and at rest, if breathing is irregular or stops, practice artificial respiration. Do not administer anything oral way. If he is unconscious, put him in a suitable position and seek medical help.

Eye contact. In case of wearing contact lenses, remove them. Flush eyes thoroughly with clean, fresh water for at least 10 minutes, pulling up on eyelids, and seek medical attention.

Skin contact. Remove contaminated clothing. Wash the skin vigorously with soap and water or a suitable skin cleanser. NEVER use solvents or thinners. Ingestion. If accidentally swallowed, seek immediate medical attention. Keep you at rest. NEVER induce vomiting.

Main symptoms and effects, acute and delayed. Product Irritant, repeated or prolonged contact with the skin or mucosa may cause redness, blisters or dermatitis, inhalation of spray mist or suspended particles may cause irritation of the respiratory tract, some of the symptoms may not be immediate. Allergic reactions can occur.

The indication of any medical attention and special treatments that must be dispensed immediately. In cases of doubt, or when symptoms of discomfort persist, seek medical attention. Never give anything by mouth to people who are unconscious.

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Health risks.

Health effects.

For acute exposure.

- a. Accidental ingestion: irritation of the gastrointestinal tract.
- b. Inhalation: irritation in the nostrils.
- c. Skin (contact and absorption): can cause slight irritation and dermatitis.
- d. Eyes: slight irritation, does not damage the eye tissue.

From chronic exposure: NA

Chemical substance considered as:

Carcinogenic: No Mutagenic: No Teratogenic: No Other (specify) NA
 STPS (NOM – 010 STPS) Yes: **X** No:
 Approved source Yes: **X** No: Especificar: NA
 Complementary information (DL50, CL50, etc.): NA

SECTION 5:

Risk of fire or explosion.

Extinction method.

Water mist: NA Foam: NA CO2: NA Dry chemical powder: **X** Others (specify): NA

Personal protection equipment. **It is necessary to fight fires.**

Special procedure and precautions in fire fighting. **Autonomous breathing equipment.**

Conditions that lead to another special risk. **Product formulated water-based, there is no risk of fire or explosion.**

Specific hazards arising from the mixture (even if it is not flammable by itself). Special risks. Fire can produce thick black smoke. As a consequence of thermal decomposition, dangerous products can be formed: carbon monoxide, carbon dioxide. Exposure to the products of combustion or decomposition can be harmful to health. Recommendations for firefighting personnel. Cool the tanks, cisterns or containers near the source of heat or fire with water. Take into account the wind direction. Prevent products used in fire fighting from entering drains, sewers or water courses. Combustion products harmful to health. CO in incomplete combustion and nitrogen oxides.

SECTION 6:

Indications in case of leakage or spillage.

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Methods and material for containment and cleaning up. Collect the spill with absorbent non-combustible materials (earth, sand, vermiculite, diatomaceous earth ...). Pour the product and the absorbent in a suitable container. The contaminated area should be cleaned immediately with a suitable decontaminant such as running water. Rinse the area with plenty of water to avoid slipping using personal protective equipment such as rubber aprons, safety glasses, non-slip footwear. Avoid direct contact with food. Stay away from drinking water supplies.

SECTION 7:

Manipulation and storage.

Precautions for safe handling. For personal protection, never use pressure to empty the containers, they are not pressure resistant containers. Smoking, eating and drinking should be prohibited in the application area. Comply with legislation on safety and hygiene at work. Keep the product in containers of a material identical to the original. Safe storage conditions, including possible incompatibilities. Store according to local legislation. Observe the indications of the tag. Store the containers between 41 and 95 ° F, in a dry and well-ventilated place, away from sources of heat and direct sunlight. Keep away from flash points. Keep away from oxidizing agents and strongly acidic or alkaline materials. No Smoking. Send the invite to unauthorized people. Once the containers are opened, they must be carefully closed again and placed vertically to avoid spills.

Specific end uses.

Special precautions.

Warnings to be taken for handling and storage.

Keep the container closed in a cool, dry and ventilated place. Avoid direct sunlight.

Other warnings.

The containers retain product residues, these must be drained in their entirety and disposed of properly according to the established norms and guidelines.

SECTION 8:

Special protection and exposure control.

Personal protection equipment: Rubber or neoprene glasses and gloves

Ventilation: Normal

Control parameters. The product does NOT contain substances with Environmental Limit Values of Professional Exposure.

Exposure controls. Technical measures: Provide adequate ventilation, which can be achieved through good local exhaust-ventilation and a good general exhaust system. Respiratory protection: If the recommended technical measures are followed, no personal protective equipment is necessary. Hand protection: PPE: Protective gloves Characteristics: «CE» marking, Category II. CEN standards: EN 374-1 or NOM-010-STPS-1999, En 374-2, EN 374-3, EN 420

Maintenance: They will be stored in a dry place, away from possible sources of heat, and exposure to sunlight will be avoided as much as possible. Modifications that may alter its resistance will not be made on the gloves, nor will paints, solvents or adhesives be applied.

Observations: Gloves should be the correct size and fit snugly without being too baggy or too tight. They should always be used with clean and dry hands. Protective creams can help protect exposed skin areas, such creams should NEVER be applied after exposure has occurred.

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Eye protection: PPE: Protective glasses against impact of particles. Characteristics: «CE» Category II marking. Eyes protector against dust and fumes. Norms NOM 010-STPS-1999 Maintenance: The visibility through the eyepieces must be optimal for which these elements must be cleaned daily, the protectors must be disinfected periodically following the manufacturer's instructions. Observations: Indicators of deterioration can be: yellow coloration of the eyepieces, superficial scratches on the eyepieces, tears, etc.

Skin protection: If the product is handled correctly, no personal protective equipment is necessary.

SECTION 9:

Physico-chemical parameters.

1. Boiling temperature (°C)	ND
2. Flash temperature (°C)	ND
3. Melting temperature (°C)	NA
4. Auto ignition temperature (°C)	NA
5. Relative density	1,000 - 1,020 g / ml
6. Vapor density (air = 1)	Greater than 1
7. molecular weight	NA
8. Physical state, color and smell, liquid.	Light red liquid crystalline
9. Evaporation rate (butyl-acetate = 1)	Greater than 1
10. Solubility in water	100%
11. Vapor pressure mmHg 68 °F	NA
12. Other data	pH (10%) = 6.5 - 7.5
13. Flammability or explosive limits:	Upper :NA lower: NA

SECTION 10:

Reactivity and stability data.

1. Substance:	Stable: XX	Unstable:
2. Conditions to avoid:	NA	
3. Incompatibility (substances to avoid):	NA	
4. Hazardous decomposition products:	NA	
5. Spontaneous polymerization:	Can occur:	Cannot occur: XX

Conditions to avoid: avoid direct contact with food. Anionic materials.

NA = Not applicable

CPT = Average concentration time of 8 hrs.

NC = Not known

CCT = Concentration short time 15 min. / 4 times

NA = Not available

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NFPA code	HMIS code								
<p style="text-align: center;">FIRE HEALTH HAZARD 1 0 REACTIVITY SPECIFIC HAZARD</p>	<table border="1"> <tr> <td style="text-align: center;">HEALTH</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;">FLAMMABILITY</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">REACTIVITY</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">PERSONAL PROTECTION</td> <td style="text-align: center;">H</td> </tr> </table>	HEALTH	1	FLAMMABILITY	0	REACTIVITY	0	PERSONAL PROTECTION	H
HEALTH	1								
FLAMMABILITY	0								
REACTIVITY	0								
PERSONAL PROTECTION	H								

SECTION 11:

Toxicological information.

IRRITATING PRODUCT. Splashes in the eyes can cause irritation.

Information on toxicological effects. No data available on product tested. Repeated or prolonged contact with the product can cause the removal of oil from the skin, leading to non-allergic contact dermatitis and the absorption of the product through the skin. Splashes in the eyes can cause irritation and reversible damage. . No information is available regarding the toxicity of the substances present.

SECTION 12:

Ecology information.

Must be in accordance with ecological regulations.

It contains active ingredients that do not harm or alter the environment.

Bioaccumulative potential. There is no information regarding the Bioaccumulation of the substances present.

Mobility on the ground. No information is available on mobility in soil.

The product should not be allowed to enter sewers or water courses. Avoid penetration into the ground.

SECTION 13:

Relative considerations to elimination.

Waste treatment methods. It is not allowed to be dumped into sewers or water courses. Waste and empty packaging must be handled and disposed of in accordance with current local / national legislation. Follow the provisions of NOM-052-SEMARNAT-2005 regarding waste management and disposal.

SECTION 14:

Transportation information.

The product can be transported without risk as long as the necessary measures are complied with so that it is not affected by the environment.

SECTION 15:

Regulatory information.

When transporting by rail, the Technical Standards for the Transport of Chemical Materials applicable to this transport and issued by the SCT must be complied with. When transported by road in pipe tanks, it must be transported in containers authorized by the SCT, current transport permits and operator's license based on the SCT legislation. Via maritime must comply with the laws issued by the International Maritime Organization.

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SECTION 16:
Regulatory information.

NOM-002-SCT-002/92	List of most commonly transported substances.
NOM-003-SCT2-1993	Characteristics of the labels of containers and packaging intended for the transport of chemical substances.
NOM-004-SCT2-1993	Identification System for units destined for the land transport of hazardous materials and waste.
NOM-006-SCT2-1993	Basic aspects for the daily eye inspection of the unit intended for the self-transport of hazardous materials and waste.
NOM-007-SCT2-1993	Containers and packages for the transport of chemical substances.
NOM-009-SCT2-1993	Compatibilidad para el almacenamiento y transporte de materiales peligrosos. envasar
NOM-EE-59	Compatibility for the storage and transportation of hazardous materials. package
NOM-018-STPS-2015	Harmonized system for the identification of hazards and dangerous chemicals in the workplace.

THIS SHEET MUST BE IN AN ACCESSIBLE PLACE TO BE USED IN CASE OF AN EMERGENCY AND MUST BE REQUIRED IN ITS ENTIRETY

IMPORTANT NOTE: To the best of our knowledge, the information provided here is correct and given in good faith, however [REDACTED] S.A. de C.V does not acquire any responsibility in case of the inappropriate use of any material or its use in any other activity or its indications, which is the responsibility of the user. Although some risks are described here, we do not guarantee that those indicated are the only ones that exist.