

# SAFETY DATA SHEET

(in accordance with The Hazard Communication Standard (HCS) (29 CFR 1910.1200))

## CLARASOL BAÑOS



INDUSTRIAS JLC

Version: 1  
Revision date: 08/11/2019

Page 1 of 10  
Print date: 08/11/2019

### Section 1: Identification.

#### Product identifier used on the label and Other means of identification.

Product Name: CLARASOL BAÑOS

#### Recommended use of the chemical and restrictions on use.

Limpiador de baños. Remueve sarro y manchas de jabón. Desinfectante, elimina las bacterias E coli, S. aureus, A. Brasilienses, S. thypi.

#### Specific end use(s).

Not available.

#### Uses advised against:

Uses other than those recommended.

#### Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party.

Company: **Industrias JLC, S.A. de C.V.**  
Address: Calzada San Lorenzo Tezonco No.201  
City: San Nicolás Tolentino  
Province: Iztapalapa, Ciudad de México  
Telephone: 5556121225  
E-mail: gerenciadecalidad@clarasol.com  
Web: www.clarasol.com

Emergency phone number: 5556121225 (Monday-Friday; 08:00-18:00)

### Section 2: Hazard(s) Identification.

#### Classification of the chemical in accordance with paragraph (d) of §1910.1200

In accordance with The Hazard Communication Standard (HCS) (29 CFR 1910.1200):

Serious eye damage, Category 1 : Causes serious eye damage.

Skin irritant, Category 2 : Causes skin irritation.

#### Signal word, hazard statement(s), symbol(s) and precautionary statement(s) in accordance with paragraph (f) of §1910.1200.

Symbol(s):



Signal Word:

**Danger**

Hazard statement(s):

H315 Causes skin irritation.  
H318 Causes serious eye damage.

Precautionary statement(s):

P264 Wash with water thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352 IF ON SKIN: Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. NEVER use solvents or thinners.  
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 doctor  
P321 Specific treatment (see section 4 of the safety data sheet).

-Continued on next page.-

# SAFETY DATA SHEET

(in accordance with The Hazard Communication Standard (HCS) (29 CFR 1910.1200))



INDUSTRIAS JLC

## CLARASOL BAÑOS

Version: 1

Revision date: 08/11/2019

Page 2 of 10

Print date: 08/11/2019

P332+P313 If skin irritation occurs: Get medical advice/attention.  
P362+P364 Take off contaminated clothing and wash it before reuse.

Contains:  
dodecylbenzenesulphonic acid

Other hazards.

### Section 3: Composition/Information on Ingredients.

#### Substances.

Not Applicable.

#### Mixtures.

Chemical name and concentration ranges of all ingredients that are classified as health hazards in accordance with paragraph (d) of §1910.1200 and that are present above their cut-off/concentration limits or ingredients that are below their cut-off/concentration limits and present a health risk:

Identifiers	Name	Concentrate	(*)Classification	
			Classification	specific concentration limit
CAS No: 27176-87-0 EC No: 248-289-4	dodecylbenzenesulphonic acid	2.5-4.5	Acute Tox. 4, H302 - Skin Corr. 1A, H314	-
CAS No: 68412-54-4 EC No: 500-209-1 REACH No: 01- 2119485218-31-XXXX	Nonylphenol, branched, ethoxylated	2.0 - 3.0	Acute Tox. 4, H302 - Aquatic Chronic 2, H411 - Eye Dam. 1, H318	-
CAS No: 77-92-9 EC No: 201-069-1 REACH No: 01- 2119457026-42-XXXX	Citric acid	1.0 - 2.0	Eye Irrit. 2A, H319	-

(\*)The complete text of the Hazard statement(s) is given in section 16 of this Safety Data Sheet.

### Section 4: First-Aid Measures.

IRRITANT MIXTURE. Its repeated or prolonged contact with the skin or mucous membranes can cause irritant symptoms such as reddening of the skin, blisters, or dermatitis. Some of the symptoms may not be immediate. They can cause allergic reactions on the skin.

#### Description of first aid measures.

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

#### Inhalation.

Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration.

#### Eye contact.

Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance. Don't let the person to rub the affected eye.

#### Skin contact.

Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. NEVER use solvents or thinners.

#### Ingestion.

If accidentally ingested, seek immediate medical attention. Keep calm. NEVER induce vomiting.

-Continued on next page.-

# SAFETY DATA SHEET

(in accordance with The Hazard Communication Standard (HCS) (29 CFR 1910.1200))



INDUSTRIAS JLC

Version: 1

Revision date: 08/11/2019

Page 3 of 10

Print date: 08/11/2019

## Most important symptoms and effects, both acute and delayed.

Corrosive Product, contact with eyes or skin can cause burns; ingestion or inhalation can cause internal damage, if this occurs immediate medical assistance is required.

Contact with eyes may cause irreversible damage.

## Indication of any immediate medical attention and special treatment needed.

Request immediate medical attention. Never administer anything orally to persons who are unconscious. Do not induce vomiting. If the person vomits, clear the respiratory tract. Cover the affected area with a dry sterile bandage. Protect the affected area from pressure or friction.

## Section 5: Fire-Fighting Measures.

The product does not present any particular risk in case of fire.

### Extinguishing media.

#### Suitable extinguishing media:

Extinguisher powder or CO2. In case of more serious fires, also alcohol-resistant foam and water spray.

#### Unsuitable extinguishing media:

Do not use a direct stream of water to extinguish. In the presence of electrical voltage, you cannot use water or foam as extinguishing media.

### Special hazards arising from the mixture.

#### Special risks.

Fire can cause thick, black smoke. As a result of thermal decomposition, dangerous products can form: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products can be harmful to your health.

### Advice for firefighters.

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways.

### Fire protection equipment.

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and boots.

## Section 6: Accidental Release Measures.

### Personal precautions, protective equipment, and emergency procedures.

For exposure control and individual protection measures, see section 8.

Environmental precautions: Prevent the contamination of drains, surface or subterranean waters, and the ground.

### Methods and materials for containment and cleaning up.

Pick up the spill with non-combustible absorbent materials (soil, sand, vermiculite, diatomite, etc.). Pour the product and the absorbent in an appropriate container. The contaminated area should be immediately cleaned with an appropriate decontaminator. Pour the decontaminator on the remains in an opened container and let it act various days until no further reaction is produced.

Reference to other sections: for exposure control and individual protection measures, see section 8, for later elimination of waste, follow the recommendations under section 13.

## Section 7: Handling and Storage.

### Precautions for safe handling.

For personal protection, see section 8.

In the application area, smoking, eating, and drinking must be prohibited.

-Continued on next page.-

# SAFETY DATA SHEET

(in accordance with The Hazard Communication Standard (HCS) (29 CFR 1910.1200))

## CLARASOL BAÑOS



INDUSTRIAS JLC

Version: 1

Revision date: 08/11/2019

Page 4 of 10

Print date: 08/11/2019

Follow legislation on occupational health and safety.

Never use pressure to empty the containers. They are not pressure-resistant containers. Keep the product in containers made of a material identical to the original.

### Conditions for safe storage, including any incompatibilities.

Store according to local legislation. Observe indications on the label. Store the containers between 5 and 25° C, in a dry and well-ventilated place, far from sources of heat and direct solar light. Keep far away from ignition points. Keep away from oxidising agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorized persons. Once the containers are open, they must be carefully closed and placed vertically to prevent spills.

## Section 8: Exposure Controls/Personal Protection.

### 8.1 Control parameters.

The product does NOT contain substances with Professional Exposure Environmental Limit Values. The product does NOT contain substances with Biological Limit Values.

Concentration levels DNEL/DMEL:

Name	DNEL/DMEL	Type	Value
Nonylphenol, branched, ethoxylated CAS No: 68412-54-4 EC No: 500-209-1	DNEL (Workers)	Inhalation, Long-term, Systemic effects	4,7 (mg/m <sup>3</sup> )


DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.

DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

### Exposure controls.

#### Measures of a technical nature:

Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

<b>Concentration:</b>	100 %		
<b>Uses:</b>	Limpiador de baños. Remueve sarro y manchas de jabón. Desinfectante, elimina las bacterias E coli, S. aureus, A. Brasilienses, S. thypi.		
<b>Breathing protection:</b>	If the recommended technical measures are observed, no individual protection equipment is necessary.		
<b>Hand protection:</b>	PPE: Work gloves. Characteristics: «CE» marking, category I. Maintenance: Keep in a dry place, away from any sources of heat, and avoid exposure to sunlight as much as possible. Do not make any changes to the gloves that may alter their resistance, or apply paints, solvents or adhesives. Observations: Gloves should be of the appropriate size and fit the user's hand well, not being too loose or too tight. Always use with clean, dry hands.		
<b>Material:</b>	PVC (polyvinyl chloride)	Breakthrough time (min.):	> 480
		Material thickness (mm):	0,35
<b>Eye protection:</b>	PPE: Protective goggles with built-in frame. Characteristics: «CE» marking, category II. Eye protector with built-in frame for protection against dust, smoke, fog and vapour. Maintenance: Visibility through lenses should be ideal. Therefore, these parts should be cleaned daily. Protectors should be disinfected periodically following the manufacturer's instructions. Observations: Some signs of wear and tear include: yellow colouring of the lenses, superficial scratching of the lenses, scraping etc.		
<b>Skin protection:</b>	PPE: Protective clothing. Characteristics: «CE» marking, category II. Protective clothing should not be too tight or loose in order not to obstruct the user's movements. Maintenance: In order to guarantee uniform protection, follow the washing and maintenance instructions provided by the manufacturer.		

-Continued on next page.-

# SAFETY DATA SHEET

(in accordance with The Hazard Communication Standard (HCS) (29 CFR 1910.1200))

## CLARASOL BAÑOS



INDUSTRIAS JLC

Version: 1

Revision date: 08/11/2019

Page 5 of 10

Print date: 08/11/2019

Observations:	The protective clothing should offer a level of comfort in line with the level of protection provided in terms of the hazard against which it protects, bearing in mind environmental conditions, the user's level of activity and the expected time of use.
PPE:	Work footwear.
Characteristics:	«CE» marking, category II.
Maintenance:	This product adapts to the first user's foot shape. That is why, as well as for hygienic reasons, it should not be used by other people.
Observations:	Work footwear for professional use includes protection elements aimed at protecting users against any injury resulting from an accident

### Section 9: Physical and Chemical Properties.

#### Information on basic physical and chemical properties.

Appearance: Líquido incoloro, transparente, libre de materia extraña.

Colour: Incoloro

Odour: Característico

Odour threshold: N.A./N.A.

pH: 2.5

Melting point/freezing point: N.A./N.A.

Initial boiling point or boiling range: N.A./N.A.

Flash point: N.A./N.A.

Evaporation rate: N.A./N.A.

Flammability (solid, gas): N.A./N.A.

Lower Explosive Limit: N.A./N.A.

Upper Explosive Limit: N.A./N.A.

Vapour pressure: N.A./N.A.

Vapour density: N.A./N.A.

Relative density: 1

Solubility: N.A./N.A.

Liposolubility: N.A./N.A.

Hydrosolubility: N.A./N.A.

Partition coefficient (n-octanol/water): N.A./N.A.

Auto-ignition temperature: N.A./N.A.

Decomposition temperature: N.A./N.A.

Viscosity: N.A./N.A.

N.A./N.A. = Not Available/Not Applicable due to the nature of the product

#### Other information.

Explosive properties: N.A./N.A.

Oxidizing properties: N.A./N.A.

Pour point: N.A./N.A.

Blink: N.A./N.A.

Kinematic viscosity: N.A./N.A.

N.A./N.A. = Not Available/Not Applicable due to the nature of the product

### Section 10: Stability and Reactivity.

#### Reactivity.

The product does not present hazards by their reactivity.

#### Chemical stability.

Unstable in contact with:

- Bases.

#### Possibility of hazardous reactions.

Neutralization can occur on contact with bases.

#### Conditions to avoid.

- Avoid contact with bases.

-Continued on next page.-

# SAFETY DATA SHEET

(in accordance with The Hazard Communication Standard (HCS) (29 CFR 1910.1200))

## CLARASOL BAÑOS



INDUSTRIAS JLC

Version: 1

Revision date: 08/11/2019

Page 6 of 10

Print date: 08/11/2019

### Incompatible materials.

Avoid the following materials:

- Bases.

### Hazardous decomposition products.

Depending on conditions of use, can be generated the following products:

- Corrosive vapors or gases.

## Section 11: Toxicological Information.

**IRRITANT MIXTURE.** Its repeated or prolonged contact with the skin or mucous membranes can cause irritant symptoms such as reddening of the skin, blisters, or dermatitis. Some of the symptoms may not be immediate. They can cause allergic reactions on the skin.

### Information on toxicological effects.

There are no tested data available on the product.

Repeated or prolonged contact with the product can cause the elimination of oil from the skin, giving rise to non-allergic contact dermatitis and absorption of the product through the skin.

a) acute toxicity;

Not conclusive data for classification.

Acute Toxicity Estimate (ATE):

Mixtures:

ATE (Oral) = 10.000 mg/kg

b) skin corrosion/irritation;

Product classified:

Skin irritant, Category 2: Causes skin irritation.

c) serious eye damage/irritation;

Product classified:

Serious eye damage, Category 1: Causes serious eye damage.

d) respiratory or skin sensitisation;

Not conclusive data for classification.

e) germ cell mutagenicity;

Not conclusive data for classification.

f) carcinogenicity;

Not conclusive data for classification.

g) reproductive toxicity;

Not conclusive data for classification.

h) STOT-single exposure;

Not conclusive data for classification.

i) STOT-repeated exposure;

Not conclusive data for classification.

j) aspiration hazard;

Not conclusive data for classification.

### Substances present in the composition listed in the National Toxicology Program (NTP) Report on Carcinogens (RoC):

This product does not contain substances listed in the National Toxicology Program (NTP) Report on Carcinogens (RoC).

### Substances present in the composition listed in the International Agency for Research on Cancer (IARC) Monographs:

This product does not contain substances listed in the International Agency for Research on Cancer (IARC) Monographs.

## Section 12: Ecological Information.

-Continued on next page.-

# SAFETY DATA SHEET

(in accordance with The Hazard Communication Standard (HCS) (29 CFR 1910.1200))

## CLARASOL BAÑOS



INDUSTRIAS JLC

Version: 1

Revision date: 08/11/2019

Page 7 of 10

Print date: 08/11/2019

### Ecotoxicity.

No information is available regarding the ecotoxicity of the substances present.

### Persistence and degradability.

There is no information available on the degradability of the substances present.

No information is available regarding the degradability of the substances present. No information is available about persistence and degradability of the product.

### Bioaccumulative potential.

Information about the bioaccumulation of the substances present.

Name	Bioaccumulation			
	Log Pow	BCF	NOECs	Level
Citric acid CAS No: 77-92-9                      EC No: 201-069-1	-1,57	-	-	Very low

### Mobility in soil.

No information is available about the mobility in soil.

The product must not be allowed to go into sewers or waterways.

Prevent penetration into the ground.

### Other adverse effects.

No information is available about other adverse effects for the environment.

## Section 13: Disposal Considerations.

### Waste treatment methods.

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.

Follow the provisions of the Resource Conservation and Recovery Act (RCRA) and the Resource Conservation and Recovery Act Information (RCRAInfo) regarding waste management.

## Section 14: Transport Information.

Transportation is not dangerous. In case of road accident causing the product's spillage, proceed in accordance with point 6.

### In accordance with DOT

Not Dangerous Good.

### Regulations Concerning the International Carriage of Dangerous Goods by Road (ADR)

Not Dangerous Good.

## Section 15: Regulatory Information.

### Safety, health and environmental regulations specific for the product.

VVOC content (p/p): 0 %

VVOC content: 0 g/l

VOC content (p/p): 0 %

VOC content: 0 g/l

SVOC content (p/p): 3 %

-Continued on next page.-

# SAFETY DATA SHEET

(in accordance with The Hazard Communication Standard (HCS) (29 CFR 1910.1200))



INDUSTRIAS JLC

## CLARASOL BAÑOS

Version: 1

Revision date: 08/11/2019

Page 8 of 10

Print date: 08/11/2019

SVOC content: 30 g/l

VVOC: Very volatile organic compounds.

VOC: Volatile organic compounds.

SVOC: Semi volatile organic compounds.

Information on the TSCA Inventory (Toxic Substances Control Act) USA:

CAS No	Name	State
27176-87-0	dodecylbenzenesulphonic acid	Registered8
68412-54-4	Nonylphenol, branched, ethoxylated	Registered8
77-92-9	Citric acid	Registered8

Substances including by the Rotterdam Convention concerning the export and import of dangerous chemicals:

Name	
Nonylphenol, branched, ethoxylated CAS No: 68412-54-4 EC No: 500-209-1	
Annex I Part 1 - Subcategory	Limitation
Other pesticide including biocides Pesticide in the group of plant protection products Industrial chemical for professional use	Ban Ban Severe restriction
Annex I Part 2 - Category	Limitation
Pesticides	Ban

### The Superfund Amendments and Reauthorization Act (SARA).

SARA Title III and it sets requirements for local and state emergency planning around hazardous chemicals, the right of the public to access information on chemical hazards in their community, and the reporting responsibilities for facilities that use, store, and / or release hazardous chemicals.

SARA Title III has four provisions (any facility with responsibilities under one section will likely have additional responsibilities under another section, consult SARA for more information):

- Emergency Planning (Sections 301-303)
- Emergency Release Notification (Section 304)
- Hazardous Chemical Storage Reporting Requirements (Section 311-312)
- Toxic Chemical Release Inventory (Section 313)

Information related to the product:

Section 302, Extremely Hazardous Substances (EHSs)(40 CFR part 355 Appendix A and Appendix B) and section 304, in the event of an accidental chemical release that exceeds minimal Reportable Quantity (RQ):

Not Applicable.

Section 311, Requires facilities with hazardous chemicals in quantities above certain thresholds (consult OSHA for more information) to provide copies of the SDSs for those chemicals to the State Emergency Response Commission (SERC), Local Emergency Planning Committee (LEPC) and local fire department.

Section 312, Companies with chemicals in sufficient quantities to trigger obligations under Section 311 must also submit an annual emergency and hazardous chemical inventory form to the State Emergency Response Commission (SERC), Local Emergency Planning Committee (LEPC) and local fire department

Section 313, requires facilities with 10 or more employees that use certain toxic chemicals in quantities above threshold levels to report annually on the use, release and disposal of those chemicals, substances identified in section 3:

Not Applicable.

Visit the EPA's website for the most up-to-date information on EPCRA and other environmental considerations.

### Proposition 65 warnings

-Continued on next page.-



# SAFETY DATA SHEET

(in accordance with The Hazard Communication Standard (HCS) (29 CFR 1910.1200))

## CLARASOL BAÑOS



INDUSTRIAS JLC

Version: 1

Revision date: 08/11/2019

Page 9 of 10

Print date: 08/11/2019

Information related to The Safe Drinking Water and Toxic Enforcement Act of 1986, (better known by its original name of Proposition 65):

There are no substances in section 3 present in the list of chemicals that can cause cancer, birth defects or other reproductive harm (Proposition 65 List).

### Section 16: Other Information.

Complete text of the hazard statement(s) that appear in section 3:

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.

Classification codes:

Acute Tox. 4 : Acute toxicity (Oral), Category 4  
Aquatic Chronic 2 : Chronic effect to the aquatic environment, Category 2  
Eye Dam. 1 : Serious eye damage, Category 1  
Eye Irrit. 2A : Eye irritation, Category 2A  
Skin Corr. 1A : Skin Corrosive, Category 1A  
Skin Irrit. 2 : Skin irritant, Category 2

### Classification and procedure used to derive the classification for mixtures according to The Hazard Communication Standard (HCS) (29 CFR 1910.1200):

Physical hazards	On basis of test data
Health hazards	Calculation method
Environmental hazards	Calculation method

It is advisable to carry out basic training with regard to health and safety at work in order to handle this product correctly.

Abbreviations and acronyms used:

BCF:	Bioconcentration factor.
DMEL:	Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.
DNEL:	Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.
EC50:	Half maximal effective concentration.
PPE:	Personal protection equipment.
LC50:	Lethal concentration, 50%.
LD50:	Lethal dose, 50%.
Log Pow:	Logarithm of the partition octanol-water.
NOEC:	No observed effect concentration.

Key literature references and sources for data:

The Hazard Communication Standard (HCS) (29 CFR 1910.1200)

United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

<https://www.osha.gov>

-Continued on next page.-

# SAFETY DATA SHEET

(in accordance with The Hazard Communication Standard (HCS) (29 CFR 1910.1200))

## CLARASOL BAÑOS

Version: 1

Revision date: 08/11/2019



Page 10 of 10

Print date: 08/11/2019

<https://www.epa.gov/>

<http://echa.europa.eu/>

The information given in this Safety Data Sheet has been drafted in accordance with The Hazard Communication Standard (HCS) (29 CFR 1910.1200) and United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS). Employers must ensure that the SDSs are readily accessible to employees for all hazardous chemicals in their workplace.

The information in this Safety Data Sheet on the Preparation is based on current knowledge and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.

-Continued on next page.-