

SAFETY DATA SHEET

Product: JIMO Desodorizante para Sanitários Fechados Citrus Fresh

Revision: 06

Date: 09/28/2023

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1 - IDENTIFICATION

GHS Product identifier:	JIMO Desodorizante para Sanitários Fechados Citrus Fresh
Other means of identification:	91192
Recommended use of the chemical:	Sanitizer for professional use.
Specific restrictions on use:	There are not known restrictions on use.
Supplier's details:	Jimo Química Industrial Ltda. Address: Rua Ítalo Raffo 693 - Distrito Industrial, CEP: 94930-240 - RS - Brasil. Phone number: +55 51 3470 67 55 Email: jimo@jimo.com.br
Emergency phone number:	+55 51 3470 67 55 / 0800 051 41 46

2 - HAZARD IDENTIFICATION

Classification of the substance or mixture:	Acute Toxicity - Oral - Category 4; Serious eye damage/eye irritation - Category 1; Skin Sensitization - Category 1; Carcinogenicity - Category 2.
Classification system adopted:	Globally Harmonized System of Classification and Labeling of Chemicals (GHS), United Nations.

GHS label elements, including precautionary statements

Pictograms:



Signal word:	DANGER
Hazard statement(s):	H302 Harmful if swallowed. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H351 Suspected of causing cancer.
Precautionary statement(s):	PREVENTION: P203 Obtain, read and follow all safety instructions before use. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash hands thoroughly after handling. P264 + P265 Wash hands thoroughly after handling. Do not touch eyes. P270 Do not eat, drink or smoke when using this product. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves, protective clothing, eye protection, face protection and hearing protection. RESPONSE TO EMERGENCY: P301 + P317 IF SWALLOWED: Get medical help. P302 + P352 IF ON SKIN: Wash with plenty of water. P305 + P354 + P338 IF IN EYES: Immediately rinse with water for several minutes. Remove

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contact lenses, if present and easy to do. Continue rinsing.
P317 Get medical help.
P318 IF exposed or concerned, get medical advice.
P321 Specific treatment.
P330 Rinse mouth.
P333 + P317 If skin irritation or rash occurs: Get medical help.
P362 + P364 Take off contaminated clothing and wash it before reuse.

STORAGE:

P405 Store locked up.

DISPOSITION:

P501 Dispose of contents and container in accordance with local regulations.

Other hazards which do not result in classification: The material has no other hazards.

3 - COMPOSITION/INFORMATION ON INGREDIENTS

MIXTURE

Components contributing to the hazard:	Alkyl Dimethyl Benzyl Ammonium Saccharinate (CAS 68989-01-5): 10 - 20 %; Nonylphenol 9.5 EO (CAS 9016-45-9): 5 - 10 %; Anti-sparkling Solution (CAS Not applicable): 0 - 5 %; Citrus fresh fragrance (CAS Not applicable): 1 - 5 %.
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4 - FIRST-AID MEASURES

Description of necessary first-aid measures

Inhalation:	Remove the victim to a ventilated area and keep him at rest in a position that does not make breathing difficult. If you feel unwell, contact a TOXICOLOGICAL INFORMATION CENTER or a doctor. Take this document.
Skin:	IF CONTACT WITH SKIN (or hair): Immediately remove all contaminated clothing. Rinse your skin with water or take a shower. Take this document.
Eye:	Rinse carefully with water for several minutes. If you use contact lenses, remove them if it is easy. If eye irritation persists: consult a doctor. Take this document.
Ingestion:	Rinse the victim's mouth with plenty of water. If you feel unwell, contact a TOXICOLOGICAL INFORMATION CENTER or a doctor. Take this document.
Most important symptoms/effects, acute and delayed:	May cause an allergic skin reaction with pruritus and dermatitis. Causes serious eye damage with burning, tearing and pain. Harmful if swallowed.
Indication of immediate medical attention and special treatment needed, if necessary:	Avoid contact with the material when helping the victim. If necessary, symptomatic treatment should include, above all, supportive measures such as correction of hydro electrolytic and metabolic disorders and respiratory assistance. In case of skin contact, do not rub the affected area.

5 - FIRE-FIGHTING MEASURES

Extinguishing media:	Appropriate: carbon dioxide (CO ₂), foam, water mist and dry chemical powder. Inappropriate: water directly onto the burning material.
Specific hazards arising from the chemical:	The combustion of the chemical product or its packaging can form irritating and toxic gases such as carbon monoxide and dioxide.

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Very dangerous when exposed to excessive heat or other sources of ignition such as: sparks, open flames or flames from matches and cigarettes, welding operations, pilot lamps and electric motors. May accumulate static charge through flow or agitation. They can travel long distances, causing flame regression or new fires in both open and confined environments. Containers may explode if heated.

Special protective actions for fire-fighters: Self-contained respiratory protective equipment (SCBA) with positive pressure and complete protective clothing. Containers and tanks involved in the fire must be cooled with water mist.

6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Isolate leak from ignition sources. Prevent sparks or flames. Do not smoke. Do not touch damaged containers or spilled material without wearing appropriate clothing. Use personal protective equipment as described in section 8.

For emergency responders: Wear complete PPE with safety glasses, safety gloves, suitable protective clothing and closed shoes. In case of leakage, where exposure is high, it is recommended to use a suitable respiratory protection mask.

Environmental precautions: Avoid that the spilled material reaches waterways or sewage system.

Methods and materials for containment and cleaning up: Use water mist or vapor suppressant foam to reduce product dispersion. Use natural or spill containment barriers. Collect spilled product and place in appropriate containers. Adsorb the remaining product with dry sand, earth, vermiculite, or any other inert material. Place the adsorbed material in appropriate containers and remove them to a safe location. For final disposal, proceed in accordance with Section 13 of this document.

Large leaks: Water mist can be used to reduce vapors, but this will not prevent ignition indoors.

7 - HANDLING AND STORAGE

Precautions for safe handling

Precautions for safe handling: Handle in a ventilated area or with a general local ventilation/exhaust system. Avoid formation of vapors or mists. Avoid inhaling the product if vapors or mists are formed. Inspect containers for damage or leaks before handling. Avoid contact with incompatible materials. Use explosion-proof electrical, ventilation and lighting equipment. Wear protective gloves, protective clothing, eye protection, face protection as indicated in Section 8.

General hygiene: Wash your hands thoroughly before eating, drinking, smoking or going to the bathroom. Contaminated clothing must be changed and washed before reuse.

Conditions for safe storage, including any incompatibilities

Technical measures for prevention of fire and explosion: Keep away from heat, sparks, open flames and hot surfaces. - Do not smoke. Keep the container tightly closed. Ground the container vessel and product receiver during transfers. Only use non-sparking tools. Avoid the accumulation of electrostatic charges.

Conditions for safe storage, including any incompatibilities: Store in a ventilated place protected from heat. Keep away from incompatible materials. Keep stored at room temperature not exceeding 35°C. It is not necessary addition of stabilizers and antioxidants to ensure the durability. Keep away from incompatible materials.

Packaging compatibilities: Similar to the original packaging.

Inadequate packaging materials: There are not known unsuitable material.

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8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational exposure limit: Not established.

Biological limit: Not established.

Other limits and values: Not established.

Appropriate engineering controls: Provide mechanical ventilation and a direct exhaust system to the outside environment. These measures help reduce exposure to the product.

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection: Safety glass side shields.

Skin protection: Define the use of skin and body protection based on workplace risk assessment. Appropriate protective gloves.

Respiratory protection: A risk assessment should be performed for proper definition of respiratory protection, in view of the material use conditions.

Thermal hazards: It does not present thermal hazards.

9 - PHYSICAL AND CHEMICAL PROPERTIES

Aspect: Liquid.

Color: Dark blue.

Odour: Characteristic.

Melting point/freezing point: Not available.

Boiling point or initial boiling point and boiling range: Not available.

Flammability: Not available.

Lower and upper explosion limit/flammability limit: Not available.

Flash point: Not available.

Auto-ignition temperature: Not available.

Decomposition temperature: Not available.

pH: 5 to 7.

Kinematic viscosity: Not available.

Solubility(ies): Miscible in water.

Partition coefficient n-octanol/water (log value): Not available.

Vapour pressure: Not available.

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Relative vapour density: Not available.

Density and/or relative density: Relative density: 1 to 1.03 at 20 °C (68 °F).

Particle characteristics: Not applicable.

Other information: Not applicable.

10 - STABILITY AND REACTIVITY

Reactivity: Reactivity is not to be expected under normal conditions of temperature and pressure.

Chemical stability: Stable product under normal temperature and pressure conditions.

Possibility of hazardous reactions: There are not known hazardous reactions with the material.

Conditions to avoid: Elevated temperatures. Contact with incompatible materials.

Incompatible material: Strong Acids, Strong base and Strong Oxidizing agents.

Hazardous decomposition products: There are no known hazardous decomposition products.

11 - TOXICOLOGICAL INFORMATION

Acute toxicity: Product not classified as acute toxic by dermal and inhalation.
Harmful if swallowed.
ATEmix Dermal: > 5000 mg/kg.
ATEmix Vapours (4h): > 20 mg/L.
LD₅₀ Oral (rats): > 2000 mg/kg.
ATEmix Dusts and mists (4h): > 5 mg/L.

Skin corrosion/irritation: It is not expected to cause skin irritation.

Serious eye damage/irritation: Causes serious eye damage with burning, tearing and pain.

Respiratory or skin sensitization: May cause an allergic skin reaction with pruritus and dermatitis.
It is not expected to cause respiratory sensitization.

Germ cell mutagenicity: It is not expected to show mutagenicity in germ cells.

Carcinogenicity: Suspected of causing cancer.

Reproductive toxicity: It is not expected to be reproductively toxic.

STOT - Single exposure: It is not expected to exhibit specific target organ toxicity by single exposure.

STOT - Repeated exposure: It is not expected to exhibit specific target organ toxicity on repeated exposure.

Aspiration hazard: It is not expected to present an aspiration hazard.

12 - ECOLOGICAL INFORMATION

Toxicity: It is not expected to be ecotoxic.

Persistence and degradation: It has no persistence and is considered rapidly degradable.

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degradability:

Bioaccumulative potential: Presents low bioaccumulative potencial in aquatic organisms.
Information regarding to:
- Nonylphenol 9,5 EO:
BCF: 5 to 48
log K_{ow} : 2.1 to 3.4.

Mobility in soil: Not determined.

Other adverse effects: No other environmental effects known.

13 - DISPOSAL CONSIDERATIONS

Disposal methods

Must be disposed of as hazardous waste in compliance with local regulations. The treatment and disposal should be evaluated for each specific material.

Keep the material remains in its original and properly closed containers. Disposal should be performed as established for the material.

14 - TRANSPORT INFORMATION

Road: UN - United Nations: Model Regulations:
• Recommendations on the Transport of Dangerous Goods.

UN number: Not classified as hazardous for the road transportation.

Railway regulations: COTIF - Convention concerning International Carriage by Rail:
• Appendix C: RID - Regulations concerning the International Carriage of Dangerous Goods by Rail.

UN number: Not classified as dangerous for rail transport.

Sea: IMO - International Maritime Organization:
• IMDG Code - International Maritime Dangerous Goods Code.

UN number: Not classified as hazardous for water transportation.

Environmental hazards: It's not considered a marine pollutant for transportation.

Air: IATA - International Air Transport Association:
• DGR - Dangerous Goods Regulation.

UN number: Not classified as dangerous for air transport.

Special precautions for user: Not applicable.

15 - REGULATORY INFORMATION

Federal Decree No. 10,088, of November 5, 2019. Norm No. 26 (Safety Signage), from the Ministry of Labor and Social Security.

ABNT-NBR 14725 Standard.

16 - OTHER INFORMATION

This document was prepared based on current knowledge on the appropriate handling of the product and under normal conditions of use, according to the application specified on the packaging. Any other form of use of the product that involves its combination with other materials, in addition to forms of use other than those indicated, is the responsibility of the user. Please note that handling any chemical substance requires prior knowledge of its dangers by the user. In the workplace, it is up to the

In accordance with Globally Harmonized System of Classification and Labelling of Chemicals (GHS)- Chapter 1.5 and Annex 4

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company using the product to train its employees regarding the possible risks arising from exposure to the chemical product.

Change control:

Version	Manufacture date	Changes
06	04/03/2023	Change in composition. Change in section: 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 13, 14, 15 and 16.

Classification of the substance or mixture:
 Health: 3
 Flammability: 1
 Instability: 0
 Specific: Not classified

Classification system adopted:
 Hommel Diagram - National Fire Protection Association: NFPA 704

Classification of the substance or mixture:
 Health: 3*
 Flammability: 0
 Physical Hazard: 0
 Personal Protection: Not classified

Classification system adopted:
 National Paint & Coatings Association: NPCA

NFPA 704:



HMIS:

HEALTH	*	3
FLAMMABILITY		0
PHYSICAL HAZARD		0
PERSONAL PROTECTION		

Abbreviations:

ACGIH - American Conference of Governmental Industrial Hygienists;
 ATEmix - Acute Toxicity Estimate of the mixture;
 BCF - Bioconcentration factor;
 CAS - Chemical Abstracts Service;
 EC - European Community;
 EEC - European Economic Community;
 K_{ow} - Octanol-water partition coefficient;
 UN - United Nations.

Bibliographic references:

ACGIH - AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIALS HYGIENISTS. TLVs® and BEIs®: Based on the Documentation of the Threshold Limit Values (TLVs®) for Chemical Substances and Physical Agents & Biological Exposure Indices (BEIs®). Cincinnati-USA, 2023.

Desde 1956



SDS

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GHS - GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS. 9th rev. ed. New York: United Nations, 2021.

REACH - REGISTRATION, EVALUATION, AUTHORIZATION AND RESTRICTION OF CHEMICALS. Commission Regulation (EC) No 1272/2008 of December 2008 amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals. Available at: < <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2008:353:0001:1355:en:PDF> >. Access in: Apr. 2023.