

SAFETY DATA SHEET

Product: JIMO Desodorizante Para Sanitários Fechados Tutti Frutti

Revision: 06

Date: 09/28/2023

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1 - IDENTIFICATION

GHS Product identifier:	JIMO Desodorizante Para Sanitários Fechados Tutti Frutti
Other means of identification:	91193
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:	Flammable Liquids - Category 4; Acute Toxicity - Oral - Category 4; Skin Sensitization - Category 1.
Classification system adopted:	Globally Harmonized System of Classification and Labeling of Chemicals (GHS), United Nations.

GHS label elements, including precautionary statements

Pictograms:



Signal word:	WARNING
Hazard statement(s):	H227 Combustible liquid. H302 Harmful if swallowed. H317 May cause an allergic skin reaction.
Precautionary statement(s):	PREVENTION: P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash hands thoroughly after handling. 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. P321 Specific treatment. P330 Rinse mouth. P333 + P317 If skin irritation or rash occurs: Get medical help.

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P362 + P364 Take off contaminated clothing and wash it before reuse.
P370 + P378 In case of fire: Use carbon dioxide (CO₂), foam, water mist, powder and dry chemical powder to extinguish.

STORAGE:

P403 Store in a well-ventilated place.

DISPOSITION:

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

Other hazards which do not result in classification: The product does not have other hazards.

3 - COMPOSITION/INFORMATION ON INGREDIENTS

MIXTURE

Components contributing to the hazard:	Alkyl Dimethyl Benzyl Ammonium Saccharinate (CAS 68989-01-5): 10 - 15 %; Nonylphenol 9.5 EO (CAS 9016-45-9): 0 - 20 %; Tutti Frutti Fragrance (CAS Not applicable): 0 - 5 %; Anti-sparkling Solution (CAS Not applicable): 0 - 5 %.
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4 - FIRST-AID MEASURES

Description of necessary first-aid measures

Inhalation:	Remove the victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, contact a TOXICOLOGICAL INFORMATION CENTER or doctor. Take this MSDS.
Skin:	IN CASE OF CONTACT WITH SKIN (or hair): Immediately remove all contaminated clothing. Rinse skin with water or take a shower. Take this MSDS.
Eye:	Rinse thoroughly with water for several minutes. In case of contact lenses, remove them, if it is easy. If eye irritation persists: consult a doctor. Take this MSDS.
Ingestion:	Wash the victims mouth with water. If you feel unwell, contact a TOXICOLOGICAL INFORMATION CENTER or doctor. Take this MSDS.
Most important symptoms/effects, acute and delayed:	May cause an allergic skin reaction with pruritus and dermatitis. Harmful if swallowed.
Indication of immediate medical attention and special treatment needed, if necessary:	Avoid contact with the product while helping the victim. If necessary, symptomatic treatment must include, specially, support measures to correct electrolyte, metabolic disorders, and respiratory care. In case of contact with the skin does not rub the affected area.

5 - FIRE-FIGHTING MEASURES

Extinguishing media:	Appropriate: carbon dioxide (CO ₂), foam, water mist, powder and dry chemical powder. Inappropriate: water directly onto the burning material and water jet directly.
Specific hazards arising from the chemical:	The combustion of the chemical or its packaging may form toxic and irritant gases such as carbon monoxide and carbon dioxide. Very dangerous when exposed to excessive heat or other sources of ignition such as open flames, sparks or open flames from matches and cigarettes, welding operations, pilot lamps and electric motors. Can accumulate static charge by flow or agitation. They can travel long distances causing retrogression of the flame or new fires both in open environments such as confined. Containers may explode if heated.

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

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Special protective actions for fire-fighters: respiratory protection equipment standalone type (SCBA) with positive pressure and full protective clothing. Containers and tanks involved in the fire should be cooled with water fog.

6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Isolate the leak sources of ignition. Prevent sparks or flames. Do not smoke. Do not touch damaged containers or spilled material without the use of 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: Prevent spilled material reaches waterways or sewage system.

Methods and materials for containment and cleaning up: Use water mist or vapor suppressing foam to reduce the dispersion of the product. Use natural barriers or spill containment. Collect the spilled product and place in suitable containers. Adsorbs the remaining product dried with sand, vermiculite or other inert material. Place the adsorbed material into suitable containers and remove them to a safe place. For disposal proceed pursuant to Section 13 of this MSDS.
Large leaks: Mist water can be used to reduce vapor, 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 general ventilation system / local exhaust ventilation. Avoid formation of vapors or mists. Avoid breathing the product in case of formation of vapors or mists. Inspect containers for damage or leaks before handling them. Avoid contact with incompatible materials. Use electrical equipment, ventilation and explosion-proof lighting. Wear protective gloves, protective clothing, eye protection, face protection as specified in Section 8.

General hygiene: Wash your hands before eating, drinking, smoking or using the toilet. Contaminated clothing should 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 container tightly closed. Ground the container vessel and the product receiver during transfer. Only use anti-sparking tools. Avoid the accumulation of electrostatic charges.

Conditions for safe storage, including any incompatibilities: Store in ventilated and protected from heat location. 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.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational exposure limit: Not established.

Biological limit: Not established.

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Other limits and values: Not established.

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

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

Eye/face protection: Safety glasses.

Skin protection: Closed shoes and suitable protective clothing. 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: Does not present thermal hazards.

9 - PHYSICAL AND CHEMICAL PROPERTIES

Aspect: Liquid.

Color: Not available.

Odour: Not available.

Melting point/freezing point: Not available.

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

Flammability: Combustible.

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

Flash point: 61 °C (141.8 °F) - Closed cup.

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.

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.

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Other information: Not applicable.

10 - STABILITY AND REACTIVITY

Reactivity:	Reactivity is not to be expected under normal conditions of temperature and pressure.
Chemical stability:	Product is stable under normal conditions of temperature and pressure.
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 not 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. LD ₅₀ 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:	It is not expected to cause eye irritation.
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:	It is not expected to be carcinogenic.
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 degradability:	It has no persistence and is considered rapidly degradable.
Bioaccumulative potential:	Presents low bioaccumulative potencial in aquatic organisms. Information regarding to: - <u>Nonylphenol 9,5 EO</u> : BCF: 5 to 48

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Mobility in soil: $\log K_{ow}$: 2.1 to 3.4.
Not determined.

Other adverse effects: No other environmental effects known.

13 - DISPOSAL CONSIDERATIONS

Disposal methods

Treatment and disposal should be evaluated specifically for each product. federal, state and local laws should be consulted, among them: Law No. 12.305 of 02 August 2010 (National Policy on Solid Waste).
Keep the product remains in its original packaging and properly closed. Disposal should be carried out as established for the product.

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. 2657 of 3 July 1998.
Ordinance No. 229, of May 24, 2011 - Changes to Regulatory Standard 26
ABNT-NBR 14725: 2012.

16 - OTHER INFORMATION

This MSDS was prepared based on current knowledge about the proper handling of the product under normal conditions of use, according to the application specified on the packaging. Any other use of the product involving its combination with other materials, as well as ways to use several of those mentioned, are the user's responsibility. Warns is that the handling of any chemical substance requires prior knowledge of its hazards for the user. In the workplace it is for the user company's product promotes training of its employees as the possible risks arising from exposure to chemical.

Change control:

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Version	Manufacture date	Changes
06	09/28/2023	Change in composition. Change in section: 1, 2, 10, 11 and 14.

Classification of the
 substance or mixture:

Health: 2
 Flammability: 2
 Instability: 0
 Specific: Not classified

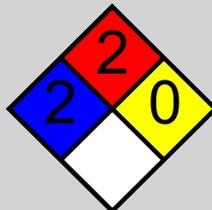
Classification system
 adopted: Hommel Diagram - National Fire Protection Association: NFPA 704

Classification of the
 substance or mixture:

Health: 2
 Flammability: 2
 Physical Hazard: 0
 Personal Protection: Not classified

Classification system
 adopted: National Paint & Coatings Association: NPCA

NFPA 704:



HMIS:

HEALTH	/	2
FLAMMABILITY		2
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.

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

Desde 1956



SDS

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(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: Sep. 2023.