

SAFETY DATA SHEET

Emission date: 2017-05-25



Section 1. Identification

Product name : **ODOREX-PLUS** **Code** : **3285**

Product description : **Concentrated deodorizing solution, country garden**

Restrictions on use : For professional use only.

Supplier/Manufacturer : **CHOISY LABORATORIES LTD** **Emergency phone** : **Quebec Poison Control Centre:**
390, boul. St-Laurent Est (24 hour service) -Quebec: 800-463-5060 (no charge)
Louiseville (Quebec) -All other places: 418-656-8090
CANADA J5V 2L7 info@choisy.com / www.choisy.com **CANUTEC**: 613-996-6666 (collect)

Section 2. Hazard identification

Product classification : FLAMMABLE LIQUIDS - Category 3
SERIOUS EYE DAMAGE - Category 1
SKIN SENSITIZATION - Category 1

Hazard pictograms :

Signal word : Danger

Hazard statements : Flammable liquid and vapor.
Causes serious eye damage.
May cause an allergic skin reaction.

Precautionary statements

- Prevention** : Wear protective gloves and eye/face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid breathing vapor. Contaminated work clothing should not be allowed out of the workplace.
- Response** : IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician.
- Storage** : Not applicable.
- Disposal** : Dispose of contents and container in a waste disposal facility, in accordance with all local, regional and national regulations.
- Other hazards** : None known.

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

<u>Hazardous ingredients</u>	<u>CAS number</u>	<u>Concentration %</u>
- Isopropanol	67-63-0	15 - 30
- Alcohols, C12-15, ethoxylated	68131-39-5	5 - 10
- Aromatic extracts (alcohols,esters,terpenes,essential oils, hydrocarbons)	mélange-mixture- mezcla	1 - 5
- Eucalyptus oil	8000-48-4	0.1 - 1

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4. 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 10 minutes.
- Skin contact** : Wash with plenty of soap and water. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure.
- Inhalation** : Remove person to fresh air and keep comfortable for breathing. Maintain an open airway. Get medical attention if symptoms occur.



Ingestion : Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention.

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

See Section 11 for more detailed information on health effects and possible symptoms.

Section 5. Fire-fighting measures

Suitable extinguishing media : Use dry chemical, CO₂, water spray (fog) or foam.

Specific hazards arising from the chemical

Flammable liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard.

Hazardous thermal decomposition products : Decomposition products may include the following materials: carbon dioxide carbon monoxide

Advice for firefighters

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 personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

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

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. Shut off all ignition sources. No flares, smoking or flames in hazard area. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

Methods and materials for containment and cleaning up

Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Section 7. Handling and storage

Precautions for safe handling

Put on appropriate personal protective equipment. Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Store and use away from heat, sparks, open flame or any other ignition source. Take precautionary measures against electrostatic discharges. Wash hands thoroughly after handling. Manipulate with care, avoid splashes. Empty containers retain product residue and can be hazardous.

Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in a segregated and approved area. 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. Eliminate all ignition sources. Separate from oxidizing materials. 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.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Hazardous ingredients

- Isopropanol

CAS number

67-63-0

Exposure limit values

CA Quebec Provincial (Canada).
TWA: 983 mg/m³
STEL: 1230 mg/m³

Appropriate engineering controls

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Personal protective equipment

Eye/face : Wear eye protection.

Hands : Wear chemical-resistant, impervious gloves.

Respiratory : No respiratory protection required under normal handling conditions.



- Other** : Not applicable.
- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Handling of diluted product: Information contains therein are issued for the concentrated product as sold. At recommended use dilution, risks regarding this product are greatly reduced. Preventive measures can then be tailored to the employer judgment based on experience and/or level of exposure of workers.

Section 9. Physical and chemical properties

- pH** : Not applicable. **Physical state** : Liquid. [Transparent liquid.]
- Specific gravity** : 0.965 to 0.97 **Odor** : Floral.
- Boiling point** : Not available. **Color** : Orange.
- Melting/freezing point** : <0°C
- Vapor pressure** : Not available.
- Vapor density** : Not available.
- Volatility** : Not available.
- Solubility** : Easily soluble in the following materials: cold water and hot water.
- Flash point** : Closed cup: 30°C [Pensky-Martens, closed cup.]
- Viscosity** : Dynamic (room temperature): <10 mPa·s (<10 cP)

Section 10. Stability and reactivity

- Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- 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 all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.
- Incompatible materials** : Reactive or incompatible with the following materials: oxidizing materials
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

- Likely routes of exposure** : Dermal contact. Eye contact. Inhalation.

Potential acute health effects

- Eye contact** : Causes serious eye damage.
- Skin contact** : May cause an allergic skin reaction.
- Inhalation** : The inhalation of airborne droplets or aerosols may cause irritation of the respiratory tract.
- Ingestion** : No known significant effects or critical hazards.

Potentials symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : Pain, watering, redness
- Skin contact** : Pain or irritation, redness, blistering may occur
- Inhalation** : No specific data.
- Ingestion** : Stomach pains

Potential chronic health effects

- Carcinogenic Effects** : No known significant effects or critical hazards.
- Mutagenic Effects** : No known significant effects or critical hazards.
- Teratogenic Effects** : No known significant effects or critical hazards.
- Reproductive effects** : No known significant effects or critical hazards.
- Sensitizer** : Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

Numerical measures of toxicity



Product/ingredient name	Species	Result	Dose
- Isopropanol	Rat	LC50 Inhalation Gas.	16970 ppm
	Rabbit	LD50 Dermal	12800 mg/kg
	Rat	LD50 Oral	5045 mg/kg
- Alcohols, C12-15, ethoxylated	Rabbit	LD50 Dermal	2500 mg/kg
	Rat	LD50 Oral	1610 mg/kg
	Rabbit	LD50 Dermal	>3400 mg/kg
- Aromatic extracts (alcohols,esters,terpenes,essential oils, hydrocarbons)	Rat	LD50 Oral	3500 mg/kg
	Rabbit	LD50 Dermal	2480 mg/kg
	Rat	LD50 Oral	2480 mg/kg

Section 12. Ecological information

Ecotoxicity : No known significant effects or critical hazards.

Aquatic ecotoxicity:

Product/ingredient name	Result	Species	Exposure
- Isopropanol	Acute EC50 7550 to 13299 mg/l	Daphnia	48 hours
	Acute LC50 11130 mg/l	Fish	96 hours
- Alcohols, C12-15, ethoxylated	Acute EC50 0.7 mg/l	Aquatic plants	96 hours
	Acute EC50 1.3 mg/l	Daphnia	48 hours
	Acute LC50 1.2 mg/l	Fish	48 hours

Persistence and degradability


Not available.

Section 13. Disposal considerations

Waste handling and disposal

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

Reg. info.	UN #	Proper shipping name	Classes	PG*	Label	Additional information
TDG Class	UN1993	Flammable liquids, N.O.S. (Isopropanol, solution)	3	III		Remarks Transport under exemption within Canada (art. 1.36).

PG* : Packing group

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

Classification of this product and the SDS have been made in accordance with Hazardous Products Regulations (HPR) in force in Canada. This product is a mixture for which no specific health effects data exist. The risks have therefore been evaluated based on the physicochemical properties of the product and its composition and may be overestimated.

Food contact : Not applicable.

DSL; Canadian Domestic : All components are listed or exempted.

Substance List

Section 16. Other information

Date of issue : 2017-05-25

Version : 1.02

Notice to reader

The information provided in this Safety Data Sheet has been compiled from our experience and data presented in various technical publications. The information contained herein is based on the state of our current knowledge of the product concerned. It is the user's responsibility to verify the value of this information for the adoption of required safety measures. We reserve the right to revise Safety Data Sheets from time to time as new technical information becomes available. The user has the responsibility to contact the company to make sure that the Safety Data Sheet he owns is the last published.