

HYDOALCOOLIC SOLUTION

SECTION 1. IDENTIFICATION

Product Identifier	HYDOALCOOLIC SOLUTION
Other Means of Identification	200-GHA00
Other Identification	Bulk
Product Family	ORAPI
Recommended Use	SOLUTION HYDROALCOOLIQUE hYDROALCOOLIC SOLUTION.
Manufacturer/Supplier Identifier	Orapi Canada LTD, 7521 Henri Bourassa est, Montreal, Quebec, H1E 1N9, 514-735-3272, info@orapi-canada.com
Emergency Phone No.	Canutech, 1-613-996-6666 USA infotrack (contrat 75894), 1-800-535-5053 International Infotrack (contrat 75894), 352-323-3500
SDS No.	0828

SECTION 2. HAZARD IDENTIFICATION

Classification

Flammable liquid - Category 3; Skin irritation - Category 2; Eye irritation - Category 2A

Label Elements



Signal Word:

Warning

Hazard Statement(s):

H226	Flammable liquid and vapour.
P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
H320	Causes eye irritation.
P233	Keep container tightly closed.
P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers
2-Propanol (IsoPropyl Alcohol)	67-63-0	35-95	
Hydrogen peroxide solutions 20% to less than 35%	7722-84-1	0.2	

SECTION 4. FIRST-AID MEASURES

First-aid Measures

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Inhalation

Move to fresh air. Get medical advice or attention if you feel unwell or are concerned.

Eye Contact

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.
If there is any pain, redness or visual impairment, consult an ophthalmologist.

Ingestion

Rinse mouth with water. Get medical advice or attention if you feel unwell or are concerned.

First-aid Comments

Get medical advice or attention if you feel unwell or are concerned.

Most Important Symptoms and Effects, Acute and Delayed

Not applicable.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

Unsuitable Extinguishing Media

In the event of a fire, do not use : water jet.

Specific Hazards Arising from the Product

Can ignite if strongly heated.

Special Protective Equipment and Precautions for Fire-fighters

Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet. Increase ventilation to area or move leaking container to a well-ventilated and secure area. Eliminate all ignition sources. Use grounded, explosion-proof equipment.

Environmental Precautions

Prevent any material from entering drains or waterways.

If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures

Use drums to dispose of collected waste in compliance with current regulations (see section 13).

Methods and Materials for Containment and Cleaning Up

Clean preferably with water, do not use solvents.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Do not get in eyes. Eliminate heat and ignition sources such as sparks, open flames, hot surfaces and static discharge. Post "No Smoking" signs. Do not spray on an open flame or other ignition source. Do not pierce or burn container, even after use. Do not weld, cut or perform hot work on empty container until all traces of product have been removed.

Conditions for Safe Storage

Storage Requirements:

As with all chemicals there are known and unknown effects on humans. Minimize exposure of all chemicals, including this product, to skin, respiratory system, and eyes. Store product in suitable labelled containers. Keep container closed when not in use. Rinse work area after use. Keep out of reach of children. Avoid contamination of food. Wash thoroughly after handling. Store in cool dry well ventilated area away from open flame and heat sources.

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
2-Propanol (IsoPropyl Alcohol)	200 ppm	400 ppm				

Breathing Protection:

Suitable breathing mask or respirator if mists or vapours are present.

Eye Protection:

Safety glasses. Contact lenses should not be worn as product may lodge under lens.

Ventilation:

Evaporation of solvent in product requires good fresh air ventilation.

(2-Propanol (IsoPropyl Alcohol))

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Clear colourless.
Odour	Alcoholic
Melting Point/Freezing Point	-89 °C (-128 °F) (freezing)
Initial Boiling Point/Range	85 °C (185 °F)
Flash Point	12 °C (54 °F)
Evaporation Rate	Not applicable
Vapour Pressure	Not applicable
Solubility	Soluble in water
Other Information	
Physical State	Liquid

SECTION 10. STABILITY AND REACTIVITY

Reactivity

None may intensify fire.

Chemical Stability

Product is stable.

Conditions to Avoid

Do not mix with strong acids, alkalis, oxidizing and reducing agent. do not mix with chlorine bleach. hazardous polymerization will not occur.

Hazardous Decomposition Products

May product oxide of carbon and nitrogen when burned.

SECTION 11. TOXICOLOGICAL INFORMATION

Route of entry: Skin contact, eye contact, inhalation, and ingestion.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
2-Propanol (IsoPropyl)	16000 ppm (rat)	> 5000 mg/kg (rat)	12800 mg/kg (rabbit)

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Alcohol)

Serious Eye Damage/Irritation

Irritating and may cause corneal injury.

STOT (Specific Target Organ Toxicity) - Single Exposure

Skin Absorption

Not harmful based on information for closely related materials.

Ingestion

Accidental ingestion may cause burning pain in mouth, esophagus and stomach.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

Not determined.

Carcinogenicity

Not determined.

SECTION 12. ECOLOGICAL INFORMATION

Not hazardous to the environment. (2-Propanol (IsoPropyl Alcohol)) no hazardous to the environment. however, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Ecotoxicity

Carcinogenicity: None.

Teratogenicity: Not determined.

Reproductive toxicity: Not determined.

Mutagenicity: Not determined.

Synergistic products : Not determined.

Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
2-Propanol (IsoPropyl Alcohol)	96450 mg/L (Pimephales promelas (fathead minnow); 96-hour)			

Chronic Aquatic Toxicity

Chemical Name	NOEC Fish	EC50 Fish	NOEC Crustacea	EC50 Crustacea
2-Propanol (IsoPropyl Alcohol)		1.50 mg/L (Daphnia magna (water flea))		

Persistence and Degradability

Not determined.

Bioaccumulative Potential

Not determined.

Mobility in Soil

Not determined.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Waste treatment methods:

Do not pour into drains or waterways.

Waste:

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

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Do not contaminate the ground or water with waste, do not dispose of waste into the environment.
Soiled packaging :
Empty container completely. Keep label(s) on container.
Give to a certified disposal contractor.

SECTION 14. TRANSPORT INFORMATION

Special Precautions Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Canada

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

WHMIS classification..... this is a controlled product.

CPR compliance..... this product has been classified in accordance with the hazard.

Criteria of the CPR and the MSDS contain all the information.

Required by the CPR.

CEPA - National Pollutant Release Inventory (NPRI)

WHMIS Classification: D2B, B3

This product has been classified in accordance with the hazard criteria of the controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

SECTION 16. OTHER INFORMATION

SDS Prepared By technical service

Date of Preparation mars 13, 2020

Date of Last Revision mars 13, 2020

Key to Abbreviations OSHA = US Occupational Safety and Health Administration
NTP = National Toxicology Program
NIOSH = National Institute for Occupational Safety and Health

References Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA ("BIOVIA"). Available from Canadian Centre for Occupational Health and Safety (CCOHS). NIOSH Pocket Guide database. National Institute for Occupational Safety and Health. Available from Canadian Centre for Occupational Health and Safety (CCOHS). HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS). CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS).

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