



1925 West Maple Road
Troy, MI 48084
248-288-6098

ELBA LABORATORIES

Safety Data Sheet Mack Dry & Clear

SECTION 1: Identification

1.1 Product identifier

Product name Mack Dry & Clear

Product number N/A

1.3 Recommended use of the chemical and restrictions on use

Ear canal drying aid

1.4 Supplier's details

Name Elba Laboratories
Address 1925 West Maple Road
Troy, Michigan 48084
USA

Telephone 248-288-6098
Fax 248-288-3095
Email SDuquet@elba-labs.com

1.5 Emergency phone number(s)

1-800-424-9300 Chemtrec

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with OSHA (29 CFR 1910.1200)

- Flammable liquids (chapter 2.6), Cat. 2
- Eye damage/irritation (chapter 3.3), Cat. 2A

2.2 GHS label elements, including precautionary statements

Pictogram



Signal word

Warning

Hazard statement(s)

H226 Flammable liquid and vapor
H319 Causes serious eye irritation
H336 May cause drowsiness or dizziness

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Precautionary statement(s)

P210	Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
P403+P235	Store in a well ventilated place. Keep cool.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.

2.3 Other hazards which do not result in classification

SECTION 3: Composition/information on ingredients

3.1 Mixtures

Other names / synonyms None

Impurities and stabilizing additives None

Hazardous components

1. ISOPROPANOL

Concentration 95 - 95 % (Weight)

Other names / synonyms 2-HYDROXYPROPANE; 2-PROPANOL; 2-PROPYL ALCOHOL; ALCOJEL; ALCOSOLVE; ALCOSOLVE 2; AVANTIN; AVANTINE; CHROMAR; COMBI-SCHUTZ; DIMETHYLCARBINOL; HARTOSOL; IMSOL A; ISOHOL; ISOPROPYL ALCOHOL; LUTOSOL; N-PROPAN-2-OL; PETROHOL; PRO; PROPAN-2-OL; PROPOL; reaction mass of: bis(1S,2S,4S)-(1-benzyl-4-tert-butoxycarboxamido-2-hydroxy-5-phenyl)pentylammonium succinate; SEC-PROPYL ALCOHOL; SPECTRAR; STERISOL HAND DISINFECTANT; TAKINEOCOL; UN 1219

EC no. 414-810-0

CAS no. 67-63-0

Index no. 607-403-00-6

- Specific target organ toxicity, repeated exposure (chapter 3.9), Cat. 2
- Eye damage/irritation (chapter 3.3), Cat. 1
- Hazardous to the aquatic environment - acute hazard (chapter 4.1), Cat. 1
- Hazardous to the aquatic environment - long-term hazard (chapter 4.1), Cat. 1

H318 Causes serious eye damage

H373 May cause damage to organs through prolonged or repeated exposure

H400 Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects

2. Glycerin 99.7%

Concentration 5 - 5 % (Weight)

CAS no. 56-81-5

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

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General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
In case of skin contact	Wash off with soap and plenty of water.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.
If swallowed	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Personal protective equipment for first-aid responders	None Required

4.2 Most important symptoms/effects, acute and delayed

None Known

4.3 Indication of immediate medical attention and special treatment needed, if necessary

None

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use extinguishing media appropriate for surrounding fire.

5.2 Specific hazards arising from the chemical

No further relevant information available

5.3 Special protective actions for fire-fighters

None

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment Keep unprotected persons away.

6.2 Environmental precautions

Dilute with plenty of water.

Do not allow to enter sewers/surface or ground water.

6.3 Methods and materials for containment and cleaning up

Absorb with liquid binding material. Ensure adequate ventilation. Dispose of the collected material according to regulations.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace. Prevent formation or aerosols.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool, dry conditions in well-sealed receptacles. Protect from heat and direct sunlight.

SECTION 8: Exposure controls/personal protection

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8.1 Control parameters

1. Isopropyl alcohol (CAS: 67-63-0)

PEL (Inhalation): 400 ppm (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

2. Isopropyl alcohol (CAS: 67-63-0)

PEL (Inhalation): 980 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

3. Isopropyl alcohol (CAS: 67-63-0)

PEL (Inhalation): 400 ppm, (ST) 500 ppm (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

4. Isopropyl alcohol (CAS: 67-63-0)

REL (Inhalation): 400 ppm, (ST) 500 ppm (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

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

Body protection

Usual precautionary measures for handling chemicals should be followed. Keep away from foodstuffs, beverages and feed.

Respiratory protection

Not required

Thermal hazards

None

Environmental exposure controls

None

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	Liquid
Odor	Alcohol like
Odor threshold	Not determined
pH	Neutral
Melting point/freezing point	NA
Initial boiling point and boiling range	NA
Flash point	54 F Isopropanol (Closed Cup)
Evaporation rate	Not Known
Flammability (solid, gas)	Not applicable
Upper/lower flammability limits	Not Known
Upper/lower explosive limits	Not Known
Vapor pressure	Not Known
Vapor density	Not Known
Relative density	0.8
Solubility(ies)	Soluble in water
Partition coefficient: n-octanol/water	N/A
Auto-ignition temperature	456 C - Isopropanol
Decomposition temperature	Not Known
Viscosity	Like water

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Explosive properties
Oxidizing properties

Not Known
Not Known

SECTION 10: Stability and reactivity

10.1 Reactivity

Not Known

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

No dangerous reactions known

10.4 Conditions to avoid

Heat, flame and ignition sources

10.5 Incompatible materials

Not Known

10.6 Hazardous decomposition products

No dangerous decomposition products known

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Isopropanol CAS 67-63-0

Oral LD50	5045 mg/kg (rat)
Dermal LD50	12800 mg/kg (rabbit)
Inhalative LC50/4 hr.	30 mg/l (rat)
LC 50/96 hr.	9640 mg/l (Pimehales)

Skin corrosion/irritation

Not irritating to skin

Serious eye damage/irritation

Can cause irritation to eyes.

Respiratory or skin sensitization

Not irritating.

Germ cell mutagenicity

Not known

Carcinogenicity

Not known

Reproductive toxicity

Not Known

STOT-single exposure

Not Known

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STOT-repeated exposure

Not Known

Aspiration hazard

Not Known

SECTION 12: Ecological information

Toxicity

Aquatic Toxicity: Isopropanol 67-63-0

EC 50 6851 mg/l (Green algae)
 5102 mg/l (Water flea)

Persistence and degradability

No further relevant information available.

Bio accumulative potential

No further relevant information available.

Mobility in soil

No further relevant information available.

Results of PBT and vPvB assessment

Not applicable

SECTION 13: Disposal considerations

Disposal of the product

Observe all federal, state and local environmental regulations when disposing of this material.

Disposal of contaminated packaging

Observe all federal, state and local environmental regulations when disposing of this material

Waste treatment

Observe all federal, state and local environmental regulations when disposing of this material

Sewage disposal

Observe all federal, state and local environmental regulations when disposing of this material

Other disposal recommendations

None

SECTION 14: Transport information

DOT (US)

UN Number: UN1219

Class: 3

Packing Group: II

Proper Shipping Name: Isopropanol

Reportable quantity (RQ):

Marine pollutant: Not Known

Poison inhalation hazard: Not Known

IMDG

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UN Number: UN1219
Class: 3
Packing Group: II
EMS Number:
Proper Shipping Name: Isopropanol

IATA

UN Number: UN1219
Class: 3
Packing Group: II
Proper Shipping Name: Isopropanol

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

Massachusetts Right To Know Components

Chemical name: Isopropyl alcohol (mfg-strong acid process)
CAS number: 67-63-0

New Jersey Right To Know Components

Common name: ISOPROPYL ALCOHOL
CAS number: 67-63-0

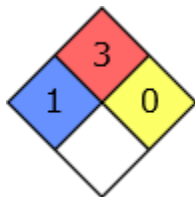
Pennsylvania Right To Know Components

Chemical name: 2-Propanol
CAS number: 67-63-0

HMIS Rating

Mack Dry & Clear	
HEALTH	* 1
FLAMMABILITY	3
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA Rating



SECTION 16: Other information

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16.1 Further information/disclaimer

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16.2 Preparation information

J. Lewnau 05-22-19