



Revision Date: 06.02.2017

REVISION NUMBER: 02

1. IDENTIFICATION**Product name:** VIROFF GEL**Synonyms:** NONE**Recommended use:** • Broad spectrum hand disinfectant gel**Uses advised against:** Uses other than those identified are not recommended**Manufacturer Address:**

Schevaran Laboratories Pvt. Ltd.
427/B, Hebbal Industrial Area,
Mysuru- 570 016. India.
Phone: 91-0821-4277500 / 4277501

Emergency telephone number: 91-0821-4277500**2. HAZARDS IDENTIFICATION****Classification for the undiluted product:**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Flammable liquid, Category 3

GHS Label elements, including precautionary statements:

Flammable liquid and vapor

Health hazards not otherwise classified (HHNOC) - Not applicable**Physical hazards not otherwise classified (PHNOC)** - Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Product composition	CAS Number	%
2- Propanol	67-63-0	60 - 80
2-hydroxypropyl ether	9004-64-2	1.0-2.0

Exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Undiluted Product:

- Eyes:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes and get medical attention if irritation persists.
- Skin:** IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes. Seek medical attention if irritation persists.
- Inhalation:** IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- Ingestion:** IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a plenty of milk or water.

Most Important Symptoms/Effects: None

Immediate medical attention and special treatment needed: Not applicable.

Aggravated Medical Conditions: Persons with pre-existing skin disorders may be more susceptible to irritating effects.

5. FIRE-FIGHTING MEASURES

- Specific methods:** No special methods required
- Suitable extinguishing media:** The product flammable. Use Alcohol stable foam. Dry chemical powder. Carbon dioxide.
- Specific hazards:** Heating may cause expansion or decomposition leading to violent rupture of containers.
- Special protective equipment for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Extinguishing media which must not be used for safety reasons:

CAUTION: All these products have a very low flash point. Use of water spray when fighting fire may be inefficient.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Stop leak if you can do it without risk.

Environmental precautions and clean-up methods:

Prevent entry into waterways, sewers, basements or confined areas.

Clean-up methods - **large spillage**: Soak up with absorbent or by diking with sand. Wash area with water.

SMALL SPILLS: Flush with water

7. HANDLING AND STORAGE

Precautions for safe handling:

Handling: Keep away from heat, sparks and flame. Prevent contact with eyes. Avoid Inhalation.

Conditions for safe storage, including any incompatibilities:

Storage: Protect from freezing. Keep away from direct sun light. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

Aerosol Level (if applicable): Not applicable

Incompatible materials: This product reacts with strong acid, strong bases, and oxidizing agents

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

There is no exposure data pertaining to the Product.

Engineering measures to reduce exposure:

No special ventilation requirements General room ventilation is adequate

Personal Protective Equipment

Eye protection: Chemical-splash goggles.

Hand protection: Always wear permeation resistant gloves (neoprene, butyl & other rubbers).

Skin and body protection: No special requirements under normal use conditions.

Respiratory protection: No special requirements under normal use conditions.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

9. PHYSICAL AND CHEMICAL PROPERTIES:

Physical State: Gel
Color: Colorless
Evaporation Rate: No information available
Odor: Characteristic
Odor threshold: No information available.
Boiling point/range: Not determined
pH@25°C: 7.0-8.0
Specific gravity @25°C: 0.80-0.90 g/ml
Viscosity @25°C: 400-600 cps
Metal Corrosion: Not determined
Chemical type: Mixed

10. STABILITY AND REACTIVITY:

Reactivity: Not Applicable
Stability: The product is stable under normal ambient temperature
Hazardous decomposition products: None
Materials to avoid: Not determined
Conditions to avoid: Heat, flame and spark

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Eye contact, Skin contact, Inhalation, Ingestion

Delayed, immediate, or chronic effects and symptoms from short and long-term exposure:

Skin contact: No data available

Eye contact: May cause slight irritation

Ingestion: No data available

Inhalation: No data available.

Sensitization: No known effects.

12. ECOLOGICAL INFORMATION

Eco toxicity: No information available.

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

Dispose waste according to local, state and country's regulations

Contaminated Packaging: Do not re-use empty containers.

14. TRANSPORT INFORMATION

Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)

ADR/RID-GGVS/E Class: 3 (F1) Flammable liquids.

Kemler Number: 30

UN-Number: 1987

Packaging group: III

Label 3

Maritime transport IMDG/GGV Sea:

IMDG/GGVSea Class: 3

UN Number: 1987

Label 3

Packaging group: III

EMS Number: F-E,S-D

Marine pollutant: -

Correct technical name: ALCOHOLS, N.O.S. (n-propanol, isopropanol)

Air transport ICAO-TI and IATA-DGR

ICAO/IATA Class: 3
 UN/ID Number: 1987
 Label 3
 Packaging group: III; PI 309, Y309, 310
 Correct technical name: ALCOHOLS, N.O.S. (n-propanol, isopropanol)
Remarks: A 3

15. REGULATORY INFORMATION

International Inventories:

TSCA Complies
 DSL All components are listed either on the DSL or NDSL.

IECSC -
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No.	Weight-%	Pennsylvania SARA 313 - Threshold Values %
Isopropyl Alcohol	67-63-0	0-10	1.0

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Isopropyl Alcohol 67-63-0	X	X	X

16. OTHER INFORMATION

NFPA

Health: 2
Flammability: 3
Reactivity: 0

HMIS

Health hazards: 2
Flammability: 3
Physical hazards: 0
Personal protection: B

Version Number: 2

Preparation date: 06.02.2017

Reason for revision: Not applicable

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END OF MSDS