



**SAFFRON HOLISTIC HEALTHCARE PRIVATE LIMITED**  
C-32, SUPA MIDC, TAL. – PARNER, DIST. – AHMEDNAGAR – 414 301

## **MATERIAL SAFETY DATA SHEET**

### **OMNI PROTECT+ 2.5 CHG HAND RUB**

#### **SECTION 1: IDENTIFICATION**

**PRODUCT NAME :** OMNI PROTECT+ 2.5 CHG HAND RUB ANTISEPTIC SOLUTION.

**Product Codes:** 737181

**Recommended Use:** Hand and skin topical antiseptic solution for external use.

**SUPPLIER:**

**Saffron Holistic Healthcare Pvt. Ltd.**

**C-32, Supa MIDC, Tal.- Parner, Dist.- Ahmednagar Pin code-414301**

**MANUFACTURER:**

**Saffron Holistic Healthcare Pvt. Ltd.**

**C-32, Supa MIDC, Tal.- Parner, Dist.- Ahmednagar Pin code-414301**

#### **SECTION 2: HAZARDS IDENTIFICATION**

**STATEMENT OF HAZARDOUS NATURE :** HAZARDOUS SUBSTANCE. DANGEROUS GOODS

**POISONS SCHEDULE :** None

**RISK :** Irritating to eyes.

**SAFETY :** Do not breathe gas/fumes/vapour/spray.

Wear eye/face protection for large volumes or spills.

Use only in well ventilated areas.

Keep container in a well ventilated place.

To clean the floor and all objects contaminated by this material, use water. Keep container tightly closed.

Take off immediately all contaminated clothing.

In case of contact with eyes, rinse with plenty of water and contact Doctor or Poisons Information Centre.

If swallowed, IMMEDIATELY contact Doctor

#### **SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**

Chlorhexidine Gluconate Solution I.P 2.5% v/v Equivalent to Chlorhexidine Gluconate 0.5 % w/v

Ethyl Alcohol I.P 70% v/v

& other non hazardous ingredients equal to 100 % with emollient and moisturizer.



## **SECTION 4: FIRST AID MEASURES**

### **Eye:**

Immediately flush eyes with water at least 15 min while holding eyelids open. If symptoms persists, get medical attention.

### **Skin :**

If irritation is experienced ,flush with water. If irritation persists ,get medical attention.

### **Inhalation:**

If symptoms are experience ,remove source of contamination or move victim to fresh air. If affected person is not breathing ,apply artificial respiration . If breathing is difficult, give oxygen. Get medical attention.

### **Ingestion:**

Do not induce vomiting. If the material is swallowed ,get medical attention or advice.

Note: After first aid treatment, the caller should be advised that 1) a hospital emergency room or family physician should be consulted if anything unusual occurs or appears necessary in the judgment of the caller, and 2) that the subsequent management of the accident should be dictated by any persistent symptoms and under the direction of the physician.

## **SECTION 5: FIRE FIGHTING MEASURES**

**Extinguishing Media:** Use chemical foam, dry chemical, carbon dioxide or water.

**Explosion Hazard:** Flammable Liquid. Explosive mixtures may form with air if large quantities of product are released in unventilated areas.

**Fire Fighting Instructions:** Contact emergency personnel. Flammable material. Explosive mixtures may form with air. Use self-contained breathing apparatus and full protective gear, if large quantities of product are involved. Hazardous decomposition products may be released. Thermal degradation may produce oxides of carbon and/or nitrogen; hydrocarbons and/or derivatives.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### **Procedures for Spill/Leak Clean-up:**

**For Household Settings:** Absorb spill and scrub the area with detergent. Dilute with water. Ventilate area and eliminate all ignition sources.

**For Non-Household Settings:** Ventilate area and eliminate all ignition sources. Use safety glasses or safety goggles if splash hazards exist; use gloves and other protective clothing (apron, boots etc.) to prevent skin contact.

## **SECTION 7: HANDLING AND STORAGE**

### **Precautions for Safe Handling:**

**For Household Settings:** Do not apply near flame or while smoking. Avoid getting into eyes. Keep out of reach of children.

**For Non-Household Settings:** Avoid heat, sparks, flame, or smoking during use. Avoid extreme heat and ignition sources. Avoid spraying toward open flame.

### **Conditions for Safe Storage:**

**For Household Settings:** Avoid heat, sparks, flame, or smoking. Avoid extreme heat and ignition sources. Store away from oxidizers.

**For Non-Household Settings:** Store away from oxidizers. Store in a well ventilated, cool area. Store in accordance with local requirements for Class IB Flammable Liquids.

**Other Recommendations:** None.



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## **SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

### **For Household Settings:**

This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseen use.

### **For Non-Household Settings:**

Use in a well ventilated area. Use safety glasses or safety goggles if splash hazards exist; use gloves and other protective clothing (apron, boots etc.) to prevent skin contact. Always follow good hygienic work practices. Avoid prolonged contact with skin and clothing. This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseen use.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Color, Odor and Appearance :** Pink coloured liquid.

**Physical State:** Liquid

**Solubility in Water:** Miscible

**pH:5.5-7.0**

**% VOC:** Complies with Federal and State regulations for VOC content.

## **SECTION 10: STABILITY AND REACTIVITY**

**Conditions to Avoid:** Avoid extreme heat and ignition sources. Store away from oxidizers.

**Other Recommendations:** None

## **SECTION 11. TOXICOLOGICAL INFORMATION**

### **POTENTIAL HEALTH EFFECTS ACUTE HEALTH EFFECTS**

#### **SWALLOWED**

The liquid is highly discomforting and harmful if swallowed in quantity and may cause dizziness, disorientation, mental confusion, slurred speech.

Ingestion may result in nausea, abdominal irritation, pain and vomiting. Ingestion may result in intoxication, drunkenness.

#### **EYE**

The liquid may produce eye discomfort causing transient smarting, blinking. The material may produce severe irritation to the eye causing pronounced inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis.

#### **SKIN**

The material may be discomforting to the skin and may be capable of causing skin reactions which may lead to dermatitis.

Sensitisation may result in allergic dermatitis responses including rash, itching, hives or swelling of extremities.

The material may cause skin irritation after prolonged or repeated exposure and may produce a contact dermatitis (nonallergic). This form of dermatitis is often characterised by skin redness (erythema) and swelling of the epidermis.

Histologically there may be intercellular oedema of the spongy layer (spongiosis) and intracellular oedema of the epidermis.



Not considered to cause discomfort through normal use.

#### **INHALED**

The vapour is discomforting to the upper respiratory tract. Inhalation hazard is increased at higher temperatures.

Acute effects from inhalation of high concentrations of vapour are pulmonary irritation, including coughing, with nausea; central nervous system depression - characterised by headache and dizziness, increased reaction time, fatigue and loss of co-ordination with dizziness, disorientation, mental confusion, slurred speech.

#### **CHRONIC HEALTH EFFECTS**

The principal routes of exposure are by skin contact with the material. Prolonged or continuous skin contact with the liquid may cause defatting with drying, cracking, irritation and dermatitis following. Chronic ingestion of chlorhexidine gluconate may result in liver or kidney damage.

#### **TOXICITY AND IRRITATION**

Not available. Refer to individual constituents.

unless otherwise specified data extracted from RTECS - Register of Toxic Effects of Chemical Substances

##### **ETHANOL:**

###### **TOXICITY**

Oral (rat) LD50: 7060 mg/kg

Oral (human) LDLo: 1400 mg/kg

Oral (man) TDLo: 50 mg/kg

Oral (man) TDLo: 1.40 mg/kg

Oral (woman) TDLo: 256 mg/kg/12 wks

Inhalation (rat) LC50: 20,000 ppm/10h

Inhalation (rat) LC50: 64000 ppm/4h

###### **IRRITATION**

Skin (rabbit): 20 mg/24hr-Moderate

Skin (rabbit): 400 mg (open)-Mild

Eye (rabbit): 100 mg/24hr-Moderate

Eye (rabbit): 500 mg SEVERE

##### **CHLORHEXIDINE GLUCONATE:**

###### **TOXICITY**

Oral (rat) LD50: 2000 mg/kg

Subcutaneous (rat) LD50: 3320 mg/kg

Intravenous (rat) LD50: 24.2 mg/kg

###### **IRRITATION**

Nil Reported

##### **GLYCEROL:**



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#### TOXICITY

#### IRRITATION

Oral (Rat) LD50: 12600 mg/kg

#### WATER:

No significant acute toxicological data identified in literature search.

### SECTION 12. ECOLOGICAL INFORMATION

The product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices. Additional information is available from the supplier on request.

### SECTION 13. DISPOSAL CONSIDERATIONS

Disposal should be in accordance with Federal, State/Provincial and Local regulations.

#### For Household Settings:

The following instructions are for consumer usage only. Do not discharge product into natural waters without pre-treatment or adequate dilution. Keep product closed to avoid volatilization.

#### For Non-Household Settings:

Products covered by this MSDS, in their original form, when disposed as waste, are ignitable hazardous waste, D001, according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations.

**California Waste Code:** 331

### SECTION 14. TRANSPORT INFORMATION



**Labels Required :** flammable liquid

#### Land Transport UNDG:

Dangerous Goods Class :	3	Sub risk : None
UN Number:	1170	Packing group : II

#### Air Transport IATA:

ICAO/IATA Class:	3	ICAO/IATA Subrisk:	None
UN/ID Number:	1170	Packing Group:	II
ERG Code:	3L		

Shipping Name: Ethanol

#### Maritime Transport IMDG:

IMDG Class:	3	IMDG Subrisk:	None
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UNNumber: 1170 Packing Group: II

EMS Number: F-E,S-D

Shipping Name: ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

## SECTION 15. REGULATORY INFORMATION

EU DPD (Dangerous Products Directive) Classification (DPD 88/379/EEC).

Regulated as a Cosmetic and/or Drug under FDA (US), HPB (Canada), Cosmetic Directive (EU), MHW (Japan) and MOH (China).

While the finished product(s) is not considered hazardous as defined in 29 CFR 1910.1200 (d), this MSDS contains valuable information critical to the safe handling and proper use of the product.

### US Federal

The product described in this Material Safety Data Sheet is regulated under the Federal Food, Drug, and Cosmetics Act and is safe to use as per directions on container, box or accompanying literature (where applicable).

### CERCLA reportable quantity (RQ):

#### Ingredient

#### Level

#### RQ

RCRA Hazardous Waste No. D001/Unlisted

55-100%

100 lbs.

Hazardous Waste Characteristic of Ignitability  
(Alcohol Denatured)

### SARA 313/302/304/311/312 chemicals:

None.

All ingredients are CEPA approved for import to Canada. This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and this MSDS contains all information required by the CPR.

### US States

#### CA Prop 65:

This product is not subject to warning labeling under California Proposition 65.

#### State Right-to-Know:

The following ingredients are present in the finished product and are listed on the following state right-to-know lists:

#### Ingredient

Ethanol 95 %

Chlorhexidine Gluconate Solution

## SECTION 16. OTHER INFORMATION

**Prepared By: Saffron Holistic Healthcare Pvt. Ltd.**

**DISCLAIMER:** This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Saffron Holistic Healthcare Pvt. Ltd to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations. This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Saffron Holistic Healthcare Pvt. Ltd assumed no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.

## END OF MSDS