

# UnoDent Material Safety Data Sheet

Revision Date 28/07/2014  
Revision 1.1 CLP

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

Product name Classic Hand Disinfectant Rub

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Product use [SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [SU10]

Formulation [mixing] of preparations and/or re-packaging

(excluding alloys); [PC8] Biocidal products (e.g. Disinfectants, pest control);

[PROC8b] Transfer of substance or preparation (charging/discharging) from/to

vessels/large containers at dedicated facilities;

[SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC39] Cosmetics, personal care products;

### 1.3. Details of the supplier of the safety data sheet

**manufacturer/supplier:** Made for UnoDent Ltd.

Tel: 01376 500582

**address:** 10 Perry Way, Witham, Essex  
CM8 3SX, UK

Fax: 01376 500581

**information sector:** Technical Department

Tel: 01376 500582

**emergency information:** Technical Department

**Emergency e-mail:** [info@unodent.com](mailto:info@unodent.com)

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

2.1.1. Classification - 67/548/EEC R10

Main hazards Flammable.

2.1.2. Classification - EC 1272/2008 Flam. Liq. 2: H225;

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16

### 2.2. Label elements

Hazard pictograms



Signal Word

Danger

Hazard Statement

Flam. Liq. 2: H225 - Highly flammable liquid and vapour.

Precautionary Statement

Prevention

P210 - Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

P233 - Keep container tightly closed.

P240 - Ground/bond container and receiving equipment.

P241 - Use explosion-proof electrical/ventilating/lighting// equipment.

P242 - Use only non-sparking tools.

P243 - Take precautionary measures against static discharge.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statement:

Response P370+P378 - In case of fire: Use alcohol resistant foam, Carbon dioxide (CO<sub>2</sub>), Use extinguishing media appropriate to the surrounding fire conditions. for extinction.

Precautionary Statement:

Storage P403+P235 - Store in a well-ventilated place. Keep cool.

Precautionary Statement:

Disposal P501 - Dispose of contents/container to a licensed waste disposal company in compliance with local and national regulations.

2.3. Other hazards

This product does not contain any PBT or VPvB substances.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

67/548/EEC / 1999/45/EC

Chemical Name					
Index No.	CAS No.	EC No.	REACH Registration Number	Conc.	Classification (%w/w)
Ethanol	603-002-00-5	64-17-5	200-578-6	60 - 70%	F; R11
PROPANE-1,2-DIOL (Propane-1,2-diol total vapour and particulates)		57-55-6	200-338-0	0 - 0.5%	
Cyclohexane	601-017-00-1	110-82-7	203-806-2	0 - 0.5%	F; R11 Xn; R65 Xi; R38 R67 N; R50/53

EC 1272/2008

Chemical Name					
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Ethanol	603-002-00-5	64-17-5	200-578-6	60 - 70%	Flam. Liq. 2: H225;
PROPANE-1,2-DIOL (Propane-1,2-diol total vapour and particulates)		57-55-6	200-338-0	0 - 0.5%	
Cyclohexane	601-017-00-1	110-82-7	203-806-2	0 - 0.5%	Flam. Liq. 2: H225; Asp. Tox. 1: H304; Skin Irrit. 2: H315; STOT SE 3: H336; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;

3.2. Mixtures

See section 3.1 for further information.

### SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Considered to be not hazardous by inhalation. Seek medical attention if irritation or symptoms persist.

Eye contact

Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

Skin contact

No irritation expected. Seek medical attention if irritation or symptoms persist.

Ingestion

Rinse mouth thoroughly. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

#### 4.2. Most important symptoms and effects, both acute and delayed

Inhalation.	No specific symptoms noted.
Eye contact	May cause irritation to eyes.
Skin contact	No specific symptoms noted.
Ingestion	No specific symptoms noted.

#### 4.3. Indication of any immediate medical attention and special treatment needed

If you feel unwell, seek medical advice (show the label where possible). No specific first aid measures noted.

### **SECTION 5: FIREFIGHTING MEASURES**

#### 5.1. Extinguishing media

Alcohol resistant foam. Carbon dioxide (CO<sub>2</sub>). Use extinguishing media appropriate to the surrounding fire conditions.

#### 5.2. Special hazards arising from the substance or mixture

Vapour may travel considerable distance to source of ignition and flash back.

#### 5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary.

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

#### 6.1. Personal precautions, protective equipment and emergency procedures

Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting// equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Ensure adequate ventilation of the working area. Surfaces contaminated with the product will become slippery.

#### 6.2. Environmental precautions

Advise local authorities if large spills cannot be contained. Do not allow product to enter drains. Do not flush into surface water. Prevent further spillage if safe.

#### 6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

#### 6.4. Reference to other sections

For waste disposal see Section 13.

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

#### 7.1. Precautions for safe handling

Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Vapour may travel considerable distance to source of ignition and flash back. Keep container tightly closed. Ground/bond container and receiving equipment. Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/lighting// equipment. Use only non-sparking tools. Remove contaminated clothing and protective equipment before entering eating areas. Adopt best Manual Handling considerations when handling, carrying and dispensing.

#### 7.2. Conditions for safe storage, including any incompatibilities

Keep out of the reach of children. Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers. Do NOT allow to freeze.

### 7.3. Specific end use(s)

Restricted to professional users.

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

### 8.1. Control parameters

#### 8.1.1. Exposure Limit Values

Cyclohexane	WEL 8-hr limit ppm: 100 WEL 15 min limit ppm: 300	WEL 8-hr limit mg/m3: 350 WEL 15 min limit mg/m3: 1050
Ethanol	WEL 8-hr limit ppm: 1000 WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 1920 WEL 15 min limit mg/m3: -
PROPANE-1,2-DIOL (Propane-1,2-diol particulates)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 10 WEL 15 min limit mg/m3: -
PROPANE-1,2-DIOL (Propane-1,2-diol total vapour and particulates)	WEL 8-hr limit ppm: 150 WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 474 WEL 15 min limit mg/m3: -

WEL = Workplace Exposure Limit.

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Keep containers tightly closed. Ground/bond container and receiving equipment. Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/lighting// equipment. Use only non-sparking tools. Keep in a cool, dry, well ventilated area.

#### Eye / face protection

In case of splashing, wear:. Approved safety goggles. Provide eye wash station.

#### Respiratory protection

Wear suitable respiratory equipment when necessary.

#### 8.2.3. Environmental exposure controls

Do not empty into drains. Do not flush into surface water. Prevent further spillage if safe.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

State	Gel
Colour	Violet
Odour	Coconut
pH	7.5 - 8.5
Flash point	22.7

### 9.2. Other information

Specific gravity Not determined

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Avoid sparks, flames, heat and sources of ignition.

### 10.2. Chemical stability

Stable under normal conditions. Will not decompose if stored and used as recommended.

### 10.3. Possibility of hazardous reactions

Strong acids and strong bases. Strong oxidising agents.

### 10.4. Conditions to avoid

Heat, sparks and open flames. Do NOT allow to freeze.

### 10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidising agents.

### 10.6. Hazardous decomposition products

Burning produces irritating, toxic and obnoxious fumes.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Acute toxicity	Based on available data the classification criteria are not met.
Skin corrosion/irritation	Based on available data the classification criteria are not met.
Serious eye damage/irritation	May cause irritation to eyes.
Respiratory or skin sensitisation	Based on available data the classification criteria are not met.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.
Reproductive toxicity	No teratogenic effects reported.
STOT-single exposure	Not classified as a specific target organ toxicant after a single exposure.
STOT-repeated exposure	Not classified as a specific target organ toxicant after repeated exposure.
Aspiration hazard	Based on available data the classification criteria are not met.

#### 11.1.4. Toxicological Information

No data available

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

No data available

### 12.2. Persistence and degradability

The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in the Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

### 12.3. Bioaccumulative potential

No data is available on this product.

### 12.4. Mobility in soil

The product is soluble in water.

### 12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or VPvB substances.

### 12.6. Other adverse effects

Not known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Contact a licensed waste disposal company. Dispose of as special waste in compliance with local and national regulations. For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.

## SECTION 14: TRANSPORT INFORMATION

### Hazard pictograms



### 14.1. UN number

UN1170

### 14.2. UN proper shipping name

ETHANOL SOLUTION

### 14.3. Transport hazard class(es)

ADR/RID	3
Subsidiary risk	-
IMDG	3
Subsidiary risk	-
IATA	3
Subsidiary risk	-

### 14.4. Packing group

Packing group III

#### 14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

#### ADR/RID

Hazard ID	33
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Tunnel Category	(D/E)
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#### IMDG

EmS Code	F-E S-D
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#### IATA

Packing Instruction	Y344 Ltd quantity
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Maximum quantity	10 L
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#### Packing Instruction

(Passenger/Cargo)	353
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Maximum quantity	60 L
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### **SECTION 15: REGULATORY INFORMATION**

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Regulation. This is a cosmetic product regulated by Directive 76/768 EEC (as amended) & Regulation EC No 1223/2009 (as amended) and is thus exempt from the Safety Data Sheet requirements of Regulation EC No 453/2010. It is also exempt from the classification and labelling rules of the Dangerous Preparations Directive 1999/45/EC and the Classification, Labelling and Packaging Regulation (EC) No 1272/2008.

#### 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

### **SECTION 16: OTHER INFORMATION**

#### Text of risk phrases in Section 3

R11 - Highly flammable.

R38 - Irritating to skin.

R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 - Harmful: may cause lung damage if swallowed.

R67 - Vapours may cause drowsiness and dizziness.

#### Text of Hazard Statements in Section 3

Flam. Liq. 2: H225 - Highly flammable liquid and vapour.

Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.

Skin Irrit. 2: H315 - Causes skin irritation.

STOT SE 3: H336 - May cause drowsiness or dizziness.

Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.

#### General information

Only trained personnel should use this material.

#### Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy, reliability or completeness. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. It is the user's responsibility to satisfy him/herself as to the suitability of such information for his /her own particular use.