



## SAFETY DATA SHEET

### Microsan Encore Foaming Alcohol Handrub

#### 1. Identification

##### Product identifier

**Product name** Microsan Encore Foaming Alcohol Handrub

**Product number** 804, 805, 807, ENC1TF, 808

##### Recommended use of the chemical and restrictions on use

**Restriction on use** Hand sanitizer.

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

##### **Supplier**

Deb Canada  
42 Thompson Road West  
Waterford  
Ontario  
N0E 1Y0  
(519) 443-8697

##### **Manufacturer**

DEB Worldwide Healthcare Inc  
76 Adams Boulevard  
Brantford  
Ontario  
N3S 7V2  
Telephone: 519-7591051  
Fax: 519-759-6384

##### Emergency telephone number

**Emergency telephone** 613-996-6666

#### 2. Hazard identification

##### Classification of the substance or mixture

**Physical hazards** Flam. Liq. 3 - H226

**Health hazards** Not Classified

**Environmental hazards** Not Classified

**Environmental** The product contains a substance which has a photochemical ozone creation potential.

**Physicochemical** The product is highly flammable. Vapours may form explosive mixtures with air.

##### Label elements

##### **Pictogram**



## Microsan Encore Foaming Alcohol Handrub

<b>Signal word</b>	Warning
<b>Hazard statements</b>	H226 Flammable liquid and vapour.
<b>Precautionary statements</b>	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P233 Keep container tightly closed.</p> <p>P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.</p> <p>P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p> <p>P403+P235 Store in a well-ventilated place. Keep cool.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>

### Other hazards

Liquide et vapeur inflammables.

### 3. Composition/information on ingredients

#### Mixtures

<b>ETHANOL</b> CAS number: 64-17-5	<b>60-100%</b>
<b>Classification</b> Flam. Liq. 2 - H225 Eye Irrit. 2A - H319	
<b>PROPAN-1-OL</b> CAS number: 71-23-8	<b>10-30%</b>
<b>Classification</b> Flam. Liq. 2 - H225 Eye Dam. 1 - H318 STOT SE 3 - H336	

The full text for all hazard statements is displayed in Section 16.

<b>Composition comments</b>	Alcohol Denat. Aqua Propyl Alcohol Bis-PEG 12 Dimethicone Coco-Glucoside Glyceryl Oleate PEG-200 Hydrogenated Glyceryl Palmate PEG-7 Glyceryl Cocoate Behentrimonium Chloride Dihydroxypropyl PEG-5 Linoleammonium Chloride
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### 4. First-aid measures

#### Description of first aid measures

<b>General information</b>	Get medical attention if any discomfort continues.
<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

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Ingestion	DO NOT induce vomiting. Get medical attention immediately.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

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

Inhalation	No specific symptoms known.
Ingestion	May cause nausea, headache, dizziness and intoxication.
Skin contact	None known.
Eye contact	May cause severe eye irritation.

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

Notes for the doctor	No specific recommendations.
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## 5. Fire-fighting measures

### Extinguishing media

Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.
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### Specific hazards arising from the hazardous product

Specific hazards	FLAMMABLE. Forms explosive mixtures with air.
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### Advice for firefighters

Protective actions during firefighting	Fight fire from safe distance or protected location. Containers close to fire should be removed or cooled with water.
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## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Personal precautions	Take precautionary measures against static discharges. No smoking, sparks, flames or other sources of ignition near spillage. Wear suitable protective clothing as protection against splashing or contamination. Avoid inhalation of vapors and contact with eyes
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### Environmental precautions

Environmental precautions	Do not discharge into drains or watercourses or onto the ground. Contain spillage with sand, earth or other suitable non-combustible material.
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### Methods and material for containment and cleaning up

Methods for cleaning up	Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Wash thoroughly after dealing with a spillage. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely.
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### Reference to other sections

Reference to other sections	For personal protection, see Section 8.
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## 7. Handling and storage

### Precautions for safe handling

Usage precautions	Keep away from heat, sparks and open flame. Avoid contact with eyes.
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### Conditions for safe storage, including any incompatibilities

Storage precautions	Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame.
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## Microsan Encore Foaming Alcohol Handrub

### Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.

### 8. Exposure Controls/personal protection

#### Control parameters

#### Occupational exposure limits

##### ETHANOL

Long-term exposure limit (8-hour TWA): ACGIH

Short-term exposure limit (15-minute): ACGIH 1000 ppm

##### PROPAN-1-OL

Long-term exposure limit (8-hour TWA): ACGIH ppm

Short-term exposure limit (15-minute): ACGIH

ACGIH = American Conference of Governmental Industrial Hygienists.

#### Exposure controls

##### Protective equipment



##### Appropriate engineering controls

Not relevant.

##### Eye/face protection

Not required normally but wear eye protection if you are conducting an operation where there is a risk of this product getting in the eyes.

##### Hand protection

Not applicable.

##### Hygiene measures

DO NOT SMOKE IN WORK AREA! Promptly remove any clothing that becomes contaminated.

##### Respiratory protection

Not relevant.

### 9. Physical and Chemical Properties

#### Information on basic physical and chemical properties

<b>Appearance</b>	Clear liquid.
<b>Colour</b>	Colourless.
<b>Odour</b>	Alcoholic.
<b>pH</b>	pH (concentrated solution): 5.0-7.5
<b>Melting point</b>	Not Applicable°C
<b>Initial boiling point and range</b>	78°C @
<b>Flash point</b>	23°C TCC (Tag closed cup).
<b>Evaporation rate</b>	1.4 (water =1)
<b>Vapour pressure</b>	Not Available @ °C
<b>Vapour density</b>	Not available
<b>Relative density</b>	0.845-0.854 g/mL @ °C
<b>Other information</b>	None.

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Volatility	70-80
Volatile organic compound	This product contains a maximum VOC content of 70-80% .

### 10. Stability and reactivity

Reactivity	There are no known reactivity hazards associated with this product.
Stability	No particular stability concerns.
Possibility of hazardous reactions	Not known.
Conditions to avoid	Avoid heat, flames and other sources of ignition.
Materials to avoid	Oxidising Agents Aluminium
Hazardous decomposition products	Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m3. Oxides of carbon.

### 11. Toxicological information

#### Information on toxicological effects

Toxicological effects	No data recorded.
General information	No specific health hazards known.
Inhalation	No specific health hazards known.
Ingestion	May cause nausea, headache, dizziness and intoxication.
Skin contact	Skin irritation should not occur when used as recommended.
Eye contact	Causes eye irritation

### 12. Ecological Information

Ecotoxicity	The product is not expected to be toxic to aquatic organisms.
<u>Persistence and degradability</u>	
Persistence and degradability	The product is biodegradable.
<u>Bioaccumulative potential</u>	
Bioaccumulative potential	The product is not bioaccumulating.
<u>Mobility in soil</u>	
Mobility	The product is soluble in water.
<u>Other adverse effects</u>	
Other adverse effects	None known.

### 13. Disposal considerations

#### Waste treatment methods

General information	When handling waste, the safety precautions applying to handling of the product should be considered. Wear suitable protective clothing as protection against splashing or contamination.
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**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### 14. Transport information

#### UN number

UN No. (TDG) 1987

UN No. (IMDG) 1987

UN No. (ICAO) 1987

UN No. (DOT) 1987

#### UN proper shipping name

Proper shipping name (TDG) ALCOHOLS, N.O.S.

Proper shipping name (IMDG) ALCOHOLS, N.O.S.

Proper shipping name (ICAO) ALCOHOLS, N.O.S.

Proper shipping name (DOT) ALCOHOLS, N.O.S.

#### Transport hazard class(es)

TDG class 3

TDG label(s) 3

IMDG class 3

ICAO class/division 3

#### Transport labels



#### Packing group

TDG packing group II

IMDG packing group II

ICAO packing group II

DOT packing group II

#### Special precautions for user

EmS F-E, S-D

### 15. Regulatory information

**Regulatory Status** This product is exempt from WHMIS labelling requirements as it is regulated under other federal legislation (ie. Health Canada). This product is manufactured and labeled in compliance with the Canadian Food and Drug Regulations. Product is classified in accordance with the hazard criteria of CPR.

### 16. Other information

**Revision comments** Revision of information

**Revision date** 17/04/2017

## Microsan Encore Foaming Alcohol Handrub

<b>Revision</b>	7
<b>Supersedes date</b>	17/04/2017
<b>SDS number</b>	11223
<b>Signature</b>	Deb Worldwide Healthcare Inc.
<b>Hazard statements in full</b>	H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H318 Causes serious eye damage. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.

### Notes for Risk Phrases and Hazard Statements in Full

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.