



**DCS Manufacturing**  
Timothy's Bridge Road  
Stratford-upon-Avon  
CV37 9YL  
United Kingdom

Tel +44 (0)1789 208880  
Fax +44 (0)1789 208881  
Email - info@dcsmanufacturing.com  
Website - www.dcsmanufacturing.com

## Product Safety Data Sheet

Issue Date: 30/08/2011

Issue Number: 2

### **1. Identification of the Substance/Preparation**

Product Name: Enliven hand Sanitizer – Aloe Vera

Product Type:

Intended/Recommended Use: Hand sanitizer. Directions: Wet hands thoroughly with gel. Rub over hands until dry. DO NOT WASH OFF AFTER USE. Caution: Contains alcohol. Flammable, keep away from flame. Avoid contact with broken skin. Avoid contact with eyes. In case of contact rinse eyes thoroughly with tepid water. Store out of reach of children. Use only as directed. Do not store above 40°C.

Name and Address of Supplier:	DCS Manufacturing Stratford Enterprise Park 1 Timothy's Bridge Road Stratford-upon-Avon CV37 9YL
Telephone:	01789 208880
Fax:	01789 208881

## 2. Hazards Identified

Contains alcohol. Flammable, keep away from flame.

	Conc.	CAS	EINECS	Symbols/Risk phrases
Ethanol	60%	64-17-5	200-578-6	F; R11

## 3. Composition/Information on Ingredients

Alcohol Denat., Aqua, Propylene Glycol, Carbomer, Triethanolamine, Parfum, Hydroxyisohexyl 3 Cyclohexene Carboxaldehyde, Linalool, Butylphenyl Methylpropional, CI 42090, CI 19140

## 4. First Aid Measures

Undiluted Products

**EYE** Immediately wash out the eye with plenty of water for at least 10 minutes, holding the eye open. Seek medical attention if any soreness or redness persists.

**SKIN** Wash the skin thoroughly with water. Seek medical attention if any soreness or redness persists.

**INGESTION** If a large quantity is ingested seek medical attention.

**INHALATION** Not a likely route of exposure to this kind of product.

Diluted Products:

**EYE** Wash out the eye with plenty of water. Seek medical attention if any soreness or redness persists.

**SKIN** Wash the skin thoroughly with water. Seek medical attention if any soreness or redness persists.

**INGESTION** If a large quantity is ingested seek medical attention.

**INHALATION** Not a likely route of exposure to this kind of product.

## 5. Fire Fighting Measures

Contains alcohol. Flammable, keep away from flame.

## 6. Accidental Release Measures

Fire: Suitable Extinguishers – Carbon dioxide, Water, Dry powder or foam extinguisher.

Personal Precautions: Wear suitable protective equipment. Keep personnel away from spill. Surfaces contaminated with this product will become slippery.

Environmental Precautions: Biodegradable

Method for Clean Up: Absorb with inert, absorbent material

### 7. Handling and Storage

Handling: No special precautions required, except to be aware that spillages will make floors slippery.

Storage: Store in A cool Dry Place. Do NOT allow to freeze. Store at temperatures above 5°C. Store at temperatures below 30°C. Observe official regulations on storing flammable packaging. Keep away from sources of ignition – No smoking. Protect from heat, direct sunlight and sources of ignition. Do not spray on naked flame or any other incandescent material. Do not pierce or burn, even after use.

### 8. Exposure Controls/Personal Protection

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Ethanol	WEL 8-hr limit ppm: 1000	WEL 8-hr limit mg/m <sup>3</sup> : 1920
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m <sup>3</sup> : -

### 9. Physical and Chemical Properties

Description	Gel
Colour	green
Odour	Alcoholic
pH	5.5-6.5
Boiling point	>78°C
Flash point	27°C
Relative density	0.870 – 0.920
Viscosity	32,000-40,000 cps
Autoignition temperature	>370°C
Microbiological assay	<10 cfu/ml

### 10. Stability and Reactivity

Avoid strong oxidising or reducing agents. Store at ambient temperatures.

### 11. Toxicological Information

The product has been assessed as suitable for intended use. However, the following is suggested from the toxicological assessment:

#### Undiluted Products

- EYE Immediately wash out the eye with plenty of water for at least 10 minutes, holding the eye open. Seek medical attention if any soreness or redness persists.
- SKIN Wash the skin thoroughly with water. Seek medical attention if any soreness or redness persists.

INGESTION If a large quantity is ingested seek medical attention.

INHALATION Not a likely route of exposure to this kind of product.

Diluted Products:

EYE Wash out the eye with plenty of water. Seek medical attention if any soreness or redness persists.

SKIN Wash the skin thoroughly with water. Seek medical attention if any soreness or redness persists.

INGESTION If a large quantity is ingested seek medical attention.

INHALATION Not a likely route of exposure to this kind of product.

### ***12. Ecological information***

The raw materials used to manufacture this product conform with EEC requirements.

The other components of this product are either inert or are absorbed into sewage and sediments etc., or will biodegrade to substances which are likely to be of low environmental impact when the product is used as directed.

Product packaging may be recycled where facilities are available.

### ***13. Disposal Considerations***

Dispose of in accordance with local regulations.

Contents: Under conditions of expected use the product will be disposed of at the end of its life into the normal domestic refuse system. No adverse effects are expected. Large quantities should be disposed of in accordance with local regulations.

Empty Packaging: Dispose of in accordance with local regulations. Product packaging may be recycled where facilities are available.

### ***14. Transport Information***

Ethanol Solution. Hazardous by transport regulations – Class 3. Ethanol Solution, UN 1170, Packing Group III, should be placed inside the diamond shaped label. Goods are classed as “Limited Quantities” and are therefore exempt from ADR regulations. Refer to current regulations for exact requirements.

### ***15. Regulatory Information***

This product complies with the Cosmetic Directive of the European Union DIR 76/768/EEC and all amendments. This product complies with the UK Cosmetic Products (Safety) Regulations 2008 and amendments.

## **16. Other Information**

### Ingredients:

Alcohol Denat., Aqua, Propylene Glycol, Carbomer, Triethanolamine, Parfum, Hydroxyisohexyl 3 Cyclohexene Carboxaldehyde, Linalool, Butylphenyl Methylpropional, CI 42090, CI 19140

### Disclaimer:

The information contained in this data sheet is to the best of our knowledge and belief accurate and is based upon our technical knowledge of the product at the date of issue. No warranty or representation, express or implied, is made as to its accuracy, reliability or completeness. DCS Manufacturing will not be responsible for any damage or injury resulting from any inherent hazard of the material, the abnormal use of the material or from failure to adhere to recommendations.

This data sheet and the health, safety and environmental information it contains are considered to be accurate as of the date specified above. We have reviewed any information contained herein which we received from sources outside DCS Manufacturing. However no warranty or representation, express or implied, is made as to the accuracy or completeness of the data and information contained in this data sheet.

Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the user's obligation to evaluate and use this material safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission, recommendation or authorisation given or implied to practise any patented invention without a valid licence. DCS Manufacturing shall not be responsible for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations or from any hazards inherent in the nature of the material.