



# SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH), Annex II as amended

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

- 1.1 Product identifier**  
Trade name ETHACLEAN
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**  
Identified use(s) Hand Sanitiser
- 1.3 Details of the supplier of the safety data sheet**  
Company Identification NED srl,  
Rassina (AR), 51010  
ITALY
- Telephone  
E-Mail (competent person) neditalia@gmail.com
- 1.4 Emergency telephone number**  
Emergency Phone No. National Poisons Information Service  
(Birmingham UK) - +44 (0)344 892 0111

## 2. SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture**  
**2.1.1 Regulation (EC) No. 1272/2008 (CLP)**  
Hazard statement(s) Flam. Liq. 2, Eye Irrit. 2  
H225: Highly flammable liquid and vapour.  
H319: Causes serious eye irritation.
- 2.2 Label elements**  
Hazard pictogram(s) According to Regulation (EC) No. 1272/2008 (CLP)  
 
- Signal word(s) DANGER
- Hazard statement(s) Highly flammable liquid and vapour.  
Causes serious eye irritation.
- Precautionary statement(s) Keep out of reach of children.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.  
If medical advice is needed, have product container or label at hand.
- Supplemental information Contains: >65% and <75%
- 2.3 Other hazards** None

# SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH), Annex II as amended

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

### 3.2 Mixtures

Description:

Mixture containing the hazardous components listed below.

Dangerous components

EC Classification No. 1272/2008

Hazardous ingredient(s)	%W/W	CAS No.	EC No.	REACH Registration No.	EC Classification and Hazard statement(s)
Ethanol	>65% and <75%	64-17-5	271-365-3	Not available.	Flam. Liq. 2; H225 Eye Irrit. 2; H319

### 3.3 Additional Information

For full text of R phrases see section 16.

## 4. SECTION 4: FIRST AID MEASURES



### 4.1 Description of first aid measures

Inhalation

Remove persons affected by vapour to fresh air.

Skin Contact

No measures required.

Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Rinse mouth. Do NOT induce vomiting. Get medical advice/attention if you feel unwell.

Ingestion

Causes serious eye irritation.

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

### 4.3 Indication of the immediate medical attention and special treatment needed

None - Treat symptomatically

## 5. SECTION 5: FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

Suitable Extinguishing Media

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Unsuitable Extinguishing Media

Direct water jet

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

In case of fire, the following can be released: Carbon oxides (CO<sub>x</sub>).

### 5.3 Advice for fire-fighters

Use fire-extinguishing methods suitable to surrounding conditions.

Wear full protective suit and self-contained breathing apparatus when extinguishing fires.

## 6. SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Remove all ignition sources. Ventilate area. Isolate spillage and clean up immediately.

Refer to Section 8 for protective measures when handling the spillage.

### 6.2 Environmental precautions

No special measures are required.

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

Adsorb spillages onto sand, earth or any suitable adsorbent material.

# SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH), Annex II as amended

Dispose of contaminated material as waste according to Section 13.

**6.4 Reference to other sections** 8, 13

## 7. SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling** Keep out of reach of children.  
Keep away from heat, sparks, open flame, hot surfaces - No smoking.  
Ground/bond container and receiving equipment.
- 7.2 Conditions for safe storage, including any incompatibilities** Keep out of reach of children.  
Store in a well-ventilated place. Keep cool.  
Keep container tightly closed.
- 7.3 Specific end use(s)** Biocide PT1.

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

- 8.1 Control parameters**  
**8.1.1 Occupational Exposure Limits** IRL OELV, UK WEL

SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note:
Ethanol	64-17-5	-	-	1000	-	IRL OELV
Ethanol	64-17-5	1000	1920	-	-	UK WEL
Glycerol, mist	56-81-5	-	10	-	-	IRL OELV & UK WEL

- 8.2 Exposure controls**  
**8.2.1 Appropriate engineering controls** Industrial processing: Provide sufficient ventilation. Use equipment intended for use in potentially explosive atmospheres.
- 8.2.2 Personal protection equipment**  
Eye/face protection Not normally required  
Hand protection Not applicable.  
Body protection Not normally required  
Respiratory protection Not normally required
- 8.2.3 Environmental Exposure Controls** No special measures are required.

## 9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Information on basic physical and chemical properties**  
Appearance Clear Liquid  
Colour Colourless  
Odour Alcohol odour.  
Odour Threshold (ppm) Not determined.  
pH (Value) >6.8 and <7.2  
Melting Point (°C) / Freezing Point (°C) Not determined.

# SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH), Annex II as amended

Boiling point/boiling range (°C):	Not determined.
Flash Point (°C)	~ 13 - 23
Evaporation rate (BA = 1)	Not available.
Flammability (solid, gas)	Not applicable.
Explosive limit ranges (Ethanol)	3.3 – 19%
Vapour Pressure	Not determined
Vapour Density (Air=1)	Not determined
Density (g/ml)	Not determined
Solubility (Water)	Soluble.
Solubility (Other)	Not determined
Partition Coefficient (n-Octanol/water)	Not determined
Auto Ignition Temperature (°C)	Not determined
Decomposition Temperature (°C)	Not determined
Viscosity	Not determined
Explosive properties	Not explosive.
Oxidising properties	Not oxidising
<b>9.2 Other information</b>	Not available

## 10. SECTION 10: STABILITY AND REACTIVITY

<b>10.1 Reactivity</b>	May form explosive mixture with air particularly in enclosed spaces.
<b>10.2 Chemical stability</b>	Stable under normal conditions.
<b>10.3 Possibility of hazardous reactions</b>	Hazardous polymerization will not occur.
<b>10.4 Conditions to avoid</b>	Keep away from flames and hot surfaces.
<b>10.5 Incompatible materials</b>	Strong oxidising agents.
<b>10.6 Hazardous Decomposition Product(s)</b>	None known.

## 11. SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### 11.1.2 Mixtures

Acute toxicity	Based upon the available data, the classification criteria are not met.
Skin corrosion/irritation	Based upon the available data, the classification criteria are not met.
Serious eye damage/irritation	Causes serious eye irritation.
Respiratory/skin sensitization	Based upon the available data, the classification criteria are not met.
Germ cell mutagenicity	Based upon the available data, the classification criteria are not met.
Carcinogenicity	Based upon the available data, the classification criteria are not met.
Reproductive toxicity	Based upon the available data, the classification criteria are not met.
STOT-single exposure	Based upon the available data, the classification criteria are not met.
STOT-repeated exposure	Based upon the available data, the classification criteria are not met.
Aspiration hazard	Based upon the available data, the classification criteria are not met.

#### Health Effects and Symptoms

Inhalation	No significant harmful effects anticipated.
Skin Contact	None anticipated.
Eye Contact	Causes serious eye irritation.
Ingestion	The following may occur: Inebriation, Central nervous system depression, Loss of coordination, Unconsciousness.

# SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH), Annex II as amended

11.2 Other information No information available.

## 12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity The product does not contain significant quantities of ingredients that are environmentally toxic.

12.2 Persistence and degradability The product is biodegradable.

12.3 Bioaccumulative potential None anticipated.

12.4 Mobility in soil The product is predicted to have high mobility in soil.

12.5 Results of PBT and vPvB assessment Not relevant for this material.




12.6 Other adverse effects No information available

## 13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods  
Product: This must be disposed of in compliance with anti-pollution and other laws of the country concerned. Contact your local service providers for further information.

Packaging: Disposal must be made in accordance with local waste management regulations. Packaging materials may be recycled. Contact your local service providers for further information.

## 14. SECTION 14: TRANSPORT INFORMATION

	ADR/RID	IMDG	ICAO/IATA
14.1 UN number	UN 1170	UN 1170	UN 1170
14.2 Proper Shipping Name	ETHANOL SOLUTION	ETHANOL SOLUTION	ETHANOL SOLUTION
14.3 Transport hazard class(es)	Class 3, Flammable Liquid 	Class 3, Flammable Liquid 	Class 3, Flammable Liquid 
14.4 Packing Group	II	II	II
14.5 Environmental hazards	Not applicable	Not applicable	Not applicable
14.6 Special precautions for user	Not applicable	Not applicable	Not applicable
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable	Not applicable	Not applicable

## 15. SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Biocidal Products Regulation (EU) No 528/2012.

15.2 Chemical Safety Assessment No Chemical Safety Assessment has been carried out.

## 16. SECTION 16: OTHER INFORMATION

# SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH), Annex II as amended

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## LEGEND

STOT	Specific Target Organ Toxicity
STEL	Short Term Exposure Limit
LTEL	Long Term Exposure limit
TWA	Time Weighted Average

## Classification code(s):

Flam. Liq. 2 Flammable liquid; Category 2  
Eye Irrit. 2 Eye irritant; Category 2

## Hazard statement(s)

H225: Highly flammable liquid and vapour.  
H319: Causes serious eye irritation.

## Additional Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.