


## SAFETY DATA SHEET

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) & 1272/2008 (CLP)

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

<b>1.1 Product identifier</b>	Product Name	Progiene Anti-Bac Hand Rub
	Product Code(s)	Not applicable
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>	Identified use(s)	An alcohol-based anti-bacterial hand rub. Product is for professional use only. Must not be used by persons under the age of 18, except when adult supervision is available.
	Uses advised against	None
<b>1.3 Details of the supplier of the Safety Data Sheet</b>	Company Identification	Progiene Dairy Hygiene A division of Rumenco, Rumenco Limited, Stretton House, Derby Road, Burton on Trent, Staffordshire DE13 0DW
	Telephone	+44 (0) 1283 524240
	E-Mail (competent person)	info@progiene-dairy.com
<b>1.4 Emergency telephone number</b>	Emergency Phone No.	+44 (0) 1283 524240 (09.00 – 17.00 GMT Monday - Friday)

### SECTION 2: HAZARDS IDENTIFICATION

<b>2.1 Classification of the substance or mixture</b>	
<b>2.1.1 Regulation (EC) No. 1272/2008 (CLP)</b>	Flammable Liquid (Category 2). Highly flammable liquid and vapour. Eye Irritation (Category 2). Causes serious eye irritation. STOT SE (Category 3) May cause drowsiness or dizziness.
<b>2.2 Label elements</b>	
<b>2.2.1 Label elements</b>	According to Regulation (EC) No. 1272/2008 (CLP)
	
	Danger
	H225: Highly flammable liquid and vapour. H319: Causes serious eye irritation. H336: May cause drowsiness or dizziness.
	Signal word(s)
	Hazard statement(s)

Precautionary statement(s)	<p>P102: Keep out of reach of children.  P233: Keep container tightly closed.  P260: Do not breathe dust/fume/gas/mist/vapours/spray.  P301 + P330 + P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  P310: Immediately call a POISON CENTRE or doctor/physician.  P305+P351+P338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.  P501: Dispose of contents/container to: hazardous waste site.</p>
<b>2.3 Other hazards</b>	None
<b>2.4 Additional Information</b>	None

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

EC Classification No. 1272/2008

Hazardous ingredient(s)	%W/W	Cas No.	EC No.	REACH Registration No.	Hazard pictogram(s) and Hazard statement(s)
Ethanol	60 - 80	64-17-5	200-578-6	01-2119457610-43	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336

### 3.3 Additional Information

For full text of H/P phrases see section 16.

## SECTION 4: FIRST AID MEASURES



### 4.1 Description of first aid measures

Inhalation	Move the person to fresh air. Fumes or vapour may cause irritation, nausea or drowsiness. Contact a physician if irritation persists or later develops or if discomfort persists.
Skin Contact	Not applicable.
Eye Contact	Immediately irrigate eye with plenty of water or eye-wash solution for 10 minutes. Obtain medical attention if any irritation or discomfort persists.
Ingestion	Only if person is conscious, rinse mouth out with plenty of water and give 200-300ml water to drink. DO NOT INDUCE VOMITING. Keep patient at rest and obtain medical attention symptoms persist.

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

Inhalation: Vapours may cause drowsiness and dizziness.  
 Ingestion: May cause discomfort if swallowed.  
 Skin Contact: No specific symptoms known. But prolonged or excessively repeated skin contact could lead to removal of natural oils from skin.  
 Eye Contact: May cause short term irritation of eyes and mucous membranes. Prolonged contact may cause redness and eye watering.

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

Treat symptomatically.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1 Extinguishing Media

Suitable Extinguishing Media	Extinguish with dry chemical, alcohol-resistant foam, water spray, or carbon dioxide. Keep containers cool by spraying with water.
Unsuitable Extinguishing Media	None identified.

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

The vapour may be invisible, heavier than air and spread along ground. Vapours may form explosive mixtures with air. Flash back possible over considerable distance. In case of fire hazardous decomposition products may be produced such as: Carbon monoxide, Carbon dioxide (CO<sub>2</sub>)

### 5.3 Advice for fire-fighters

Fire-fighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>6.1 Personal precautions, protective equipment and emergency procedures</b>	Avoid contact with spilled material. Wear suitable protective equipment. Refer to section 5 for fire-fighting; section 4 for first-aid advice; and section 8 for minimum requirements for personal protective equipment.
<b>6.2 Environmental precautions</b>	Do not allow to enter drains, sewers or watercourses.
<b>6.3 Methods and material for containment and cleaning up</b>	Adsorb spillages onto sand, earth or any suitable adsorbent material.
<b>6.4 Reference to other sections</b>	Section 1 for emergency contact. Section 8 for information on appropriate personal protective equipment.
<b>6.5 Additional Information</b>	None

## SECTION 7: HANDLING AND STORAGE

<b>7.1 Precautions for safe handling</b>	Avoid contact with eyes, and inhalation of vapours and mists. Eliminate all sources of ignition.
<b>7.2 Conditions for safe storage, including any incompatibilities</b>	
Storage Temperature	Must only be kept in original packaging. Store in a cool dry well-ventilated area out of direct sunlight. Protect from extremes of temperature. Keep away from sources of ignition.
Storage Life	No data available.
Incompatible materials	None indicated.
<b>7.3 Specific end use(s)</b>	An alcohol-based anti-bacterial hand rub.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### 8.1.1 Occupational Exposure Limits

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	1920	-	-	EH40

#### 8.1.2 Biological limit value

Not established

#### 8.1.3 PNECs and DNELs

Not established

#### 8.2.1 Appropriate engineering controls

Not established

#### 8.2.2 Personal protection equipment

Eye/face protection

Wear chemical safety splash-proof goggles.



Skin protection (Hand protection/ Other)

Not applicable.



Respiratory protection

If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use, and maintenance must be in accordance with regulatory requirements. Types of respirator to be considered for this mixture include: Half-face filter respirator; Type A filter material CEN standards EN136, EN140 and EN 405 provide respirator masks and EN 149 and EN 143 provide filter recommendations



Thermal hazards

None known

#### 8.2.3 Environmental Exposure Controls

See sections 6,7,12,13

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Viscous liquid
Colour	Clear
Odour	Mild alcohol
Odour Threshold (ppm)	No data available
pH (Value)	7 approx.
Melting Point (°C) / Freezing Point (°C)	No data available
Boiling point/boiling range (°C):	No data available
Flash Point (°C)	21
Evaporation rate (Butyl Acetate = 1)	No data available
Flammability (solid, gas)	No data available
Explosive limit ranges.	No data available
Vapour Pressure (mm Hg)	No data available
Vapour Density (Air=1)	No data available
Relative Density	No data available
Solubility (Water)	Soluble
Solubility (Other)	No data available
Partition Coefficient (n-Octanol/water)	No data available
Auto Ignition Temperature (°C)	No data available
Decomposition Temperature (°C)	No data available
Viscosity (mPa.s)	No data available
Explosive properties	No data available
Oxidising properties	No data available

### 9.2 Other information

None

## SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	See 10.1, 10.4 and 10.5
10.4 Conditions to avoid	Avoid sources of ignition, excessive heat and naked flames.
10.5 Incompatible materials	Strong oxidising agents.
10.6 Hazardous Decomposition Product(s)	Thermal decomposition or combustion may liberate carbon oxides.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### 11.1.2 Mixtures

Acute toxicity	Low oral toxicity.
Irritation	Eye: The product can cause irritation by contact. Respiratory system: the product can cause irritation to the mucous membranes. Ingestion may cause irritation of the gastro-intestinal tract.
Corrosivity	No data available
Sensitisation	No data available
Repeated dose toxicity	No data available
Carcinogenicity	No data available
Mutagenicity	No data available
Toxicity for reproduction	No data available
11.2 Other information	No data available

## SECTION 12: ECOLOGICAL INFORMATION

<b>12.1 Toxicity</b>	No data is available for the mixture.
<b>12.2 Persistence and degradability</b>	Not expected to inhibit aerobic and anaerobic activity.
<b>12.3 Bioaccumulative potential</b>	Not expected to bioaccumulate..
<b>12.4 Mobility in soil</b>	No data available
<b>12.5 Results of PBT and VPVB assessment</b>	No PBT or VPVB Components
<b>12.6 Other adverse effects</b>	None

## SECTION 13: DISPOSAL CONSIDERATIONS

<b>13.1 Waste treatment methods</b>	<p>Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8. Empty containers retain residue (liquid and/or vapour) and can be dangerous. Do not burn, or use a cutting torch on, the empty drum.</p> <p>Dispose of in accordance with the European Directives on waste and hazardous waste. Waste must be classified and labelled prior to recycling or disposal. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.</p>
<b>13.2 Additional Information</b>	None

## SECTION 14: TRANSPORT INFORMATION

### 14.1 Land transport (ADR/RID)

UN number	1170
Proper Shipping Name	ETHANOL
Transport hazard class(es)	3
Packing Group	III
Hazard label(s)	



Environmental hazards	No
Special precautions for user	Not applicable.

### 14.2 Sea transport (IMDG)

UN number	1170
Proper Shipping Name	ETHANOL
Transport hazard class(es)	3
Packing Group	III
Marine Pollutant	No
Special precautions for user	Not applicable.

### 14.3 Air transport (ICAO/IATA)

UN number	1170
Proper Shipping Name	ETHANOL
Transport hazard class(es)	3
Packing Group	III
Environmental hazards	No
Special precautions for user	Not applicable

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

Not applicable

## SECTION 15: REGULATORY INFORMATION

<b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture substance or mixture</b>	1907/2006 – REACH 1272/2008 – CLP 648/2004/EC-Detergents Directive Control of Substance Hazardous to Health (COSHH) Dangerous Substances and Explosive Atmosphere regulations (DSEAR)
<b>15.1.1 EU regulations</b> Authorisations and/or restrictions on use	Refer to EU regulation for details of any actions or restrictions by the above regulations or directives
<b>15.1.2 National regulations</b>	Refer to national regulation for details of any actions or restrictions by the above regulations or directives
<b>15.2 Chemical Safety Assessment</b>	A Chemical Safety Assessment has not been carried out for this mixture.



## SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

### LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
STOT	Specific Target Organ Toxicity
DNEL	Derived No Effect Level
PNEL	Predicted No Effect Concentration
RCP	Reciprocal Calculation Procedure

**References:** Sources of information used in preparing this SDS included one or more of the following: results from in-house or supplier toxicology studies; publications from trade associations; ECHA publications; EU guidelines and other sources as appropriate

### Hazard statement(s) and Precautionary statement(s)

H225: Highly flammable liquid and vapour.  
H319: Causes serious eye irritation.  
H336: May cause drowsiness or dizziness. H315: Causes skin irritation.

P102: Keep out of reach of children.  
P233: Keep container tightly closed.  
P260: Do not breathe dust/fume/gas/mist/vapours/spray.  
P301 + P330 + P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
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P305+P351+P338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.  
P501: Dispose of contents/container to: hazardous waste site.

### Additional Information

This Safety Data Sheet has been produced by d5 Consulting Limited on behalf of Progiene Dairy Hygiene, a division of Rumenco Limited, based on information supplied by the formulators of the product and is believed to be accurate and given in good faith, but it is for the users to satisfy themselves of the suitability of the product for their own particular purpose. d5 Consulting Limited and Progiene Dairy Hygiene, a division of Rumenco Limited, shall not be held liable for any damage resulting from handling or from contact with the above product. Progiene Dairy hygiene, Rumenco Limited and d5 Consulting Limited give no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law.