


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

1.1 Product identifier	
Product Name	Progiene Anti-Bac Hand Rub
Product Code(s)	Not applicable
1.2 Relevant identified uses of the substance or mixture and uses advised against	
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
1.3 Details of the supplier of the Safety Data Sheet	
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
1.4 Emergency telephone number	
Emergency Phone No.	+44 (0) 1283 524240 (09.00 – 17.00 GMT Monday - Friday)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
2.1.1 Regulation (EC) No. 1272/2008 (CLP)	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.
2.2 Label elements	
2.2.1 Label elements	According to Regulation (EC) No. 1272/2008 (CLP)
Hazard Pictogram	
Signal word(s)	Danger
Hazard statement(s)	H225: Highly flammable liquid and vapour. H319: Causes serious eye irritation. H336: May cause drowsiness or dizziness.

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>
2.3 Other hazards	None
2.4 Additional Information	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 (CO₂)

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

6.1	Personal precautions, protective equipment and emergency procedures	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.
6.2	Environmental precautions	Do not allow to enter drains, sewers or watercourses.
6.3	Methods and material for containment and cleaning up	Adsorb spillages onto sand, earth or any suitable adsorbent material.
6.4	Reference to other sections	Section 1 for emergency contact. Section 8 for information on appropriate personal protective equipment.
6.5	Additional Information	None

SECTION 7: HANDLING AND STORAGE

7.1	Precautions for safe handling	Avoid contact with eyes, and inhalation of vapours and mists. Eliminate all sources of ignition.
7.2	Conditions for safe storage, including any incompatibilities	
	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.
7.3	Specific end use(s)	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 ³)	STEL (ppm)	STEL (mg/m ³)	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

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

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	<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>
13.2 Additional Information	None

SECTION 14: TRANSPORT INFORMATION

14.1 Land transport (ADR/RID)	<p>UN number 1170</p> <p>Proper Shipping Name ETHANOL</p> <p>Transport hazard class(es) 3</p> <p>Packing Group III</p> <p>Hazard label(s)</p> <div style="text-align: center;">  </div> <p>Environmental hazards No</p> <p>Special precautions for user Not applicable.</p>
14.2 Sea transport (IMDG)	<p>UN number 1170</p> <p>Proper Shipping Name ETHANOL</p> <p>Transport hazard class(es) 3</p> <p>Packing Group III</p> <p>Marine Pollutant No</p> <p>Special precautions for user Not applicable.</p>
14.3 Air transport (ICAO/IATA)	<p>UN number 1170</p> <p>Proper Shipping Name ETHANOL</p> <p>Transport hazard class(es) 3</p> <p>Packing Group III</p> <p>Environmental hazards No</p> <p>Special precautions for user Not applicable</p>
14.4 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	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)
15.1.1 EU regulations	
Authorisations and/or restrictions on use	Refer to EU regulation for details of any actions or restrictions by the above regulations or directives
15.1.2 National regulations	
	Refer to national regulation for details of any actions or restrictions by the above regulations or directives
15.2 Chemical Safety Assessment	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.
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H336: May cause drowsiness or dizziness. H315: Causes skin irritation.

P102: Keep out of reach of children.
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P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P301 + P330 + P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
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P501: Dispose of contents/container to: hazardous waste site.



Additional Information

Revision 1.1 was issued on 31 January 2018 to update contact details and remove redundant CHIP data.

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.