



## 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 Calf Scour Test Kit
Product Code(s)	Not applicable
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>	
Identified use(s)	A test kit for assessing the presence of Calf Scour. 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 +44 (0) 1283 524240 info@progiene-dairy.com
Telephone	
E-Mail (competent person)	
<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>	According to the manufacturer of the product, this is a non-hazardous mixture and the product has no classification under Regulation (EC) No. 1272/2008 (CLP).
<b>2.2 Label elements</b>	
<b>2.2.1 Label elements</b>	According to Regulation (EC) No. 1272/2008 (CLP)
Hazard Pictogram	None
Signal word(s)	None
Hazard statement(s)	Not applicable.



Precautionary statement(s)

P102: Keep out of reach of children.  
 P260: Do not breathe fumes/gas/mist/vapours/spray.  
 P262: Do not get in eyes, on skin, or on clothing.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.  
 P301 + P330 + P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
 P303 + P361 + P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 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

2.3 Other hazards None stated.

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)
Sodium Azide for synthesis	0.01 – 0.09	26628-22-8	247-852-1	Not available	Acute Tox. 2, H300 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 EUH032

**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 and, if recovery is not rapid, seek medical attention.
Skin Contact	Remove contaminated clothing. Areas of the body that have come into contact with the product should be rinsed with soap and plenty of water. If symptoms persist seek medical attention.
Eye Contact	Immediately irrigate eye with plenty of water or eye-wash solution for 10 minutes. If irritation persists, obtain medical attention.
Ingestion	Wash the mouth thoroughly and, if the person is conscious, give 200 – 300 ml of water to drink. Do not induce vomiting. Keep patient at rest and, if discomfort persists, seek medical attention.

**4.2 Most important symptoms and effects, both acute and delayed**      If brought into contact with the eyes, the product may cause irritation. May cause irritation of the nose and throat. May cause irritation to mucous membranes and digestive tract. May cause irritation to the skin.

**4.3 Indication of immediate medical attention and special treatment needed**      Treat symptomatically.

## SECTION 5: FIRE-FIGHTING MEASURES

<b>5.1 Extinguishing Media</b>	
Suitable Extinguishing Media	Extinguish with water, foam, dry chemical or carbon dioxide.
Unsuitable Extinguishing Media	None stated.
<b>5.2 Special hazards arising from the substance or mixture</b>	The product does not present a fire hazard. Burning may produce harmful toxic fumes.
<b>5.3 Advice for fire-fighters</b>	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>	Absorb 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>	No specific usage precautions required. Use product in accordance with good industrial practices for handling and storage of chemicals. Avoid prolonged contact with skin and eyes.
<b>7.2 Conditions for safe storage, including any incompatibilities</b>	
Storage Temperature	Store in a dry, cool, well-ventilated area out of direct sunlight.
Storage Life	No data available.
Incompatible materials	None stated.
<b>7.3 Specific end use(s)</b>	A test kit for assessing the presence of Calf Scour.

**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:
Sodium Azide for synthesis	26628-22-8	-	0.1	-	0.3	EH40

**8.1.2 Biological limit value** Not established

**8.1.3 PNECs and DNELs** Not established

**8.2.1 Appropriate engineering controls** Use in well ventilated area. If user operations generate fumes, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep exposure to airborne contaminants below the occupational exposure limits.

**8.2.2 Personal protection equipment**

Eye/face protection



Wear chemical safety glasses with side shields, or splash-proof goggles

Skin protection (Hand protection/ Other)



Any specific glove information provided is based on published literature and glove-manufacturer data. Contact the glove manufacturer for glove selection and breakthrough times for your use conditions. Inspect and replace worn or damaged gloves. Chemical resistant gloves are recommended. If contact with forearms is likely, wear gauntlet –style gloves. Nitrile, CEN standards EN 420 and EN 374 provide general requirements and list of glove types.

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

No data available.

**8.2.3 Environmental Exposure Controls** See sections 6,7,12,13

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>9.1</b>	<b>Information: physical and chemical properties</b>	
	Appearance	Liquid
	Colour	Clear
	Odour	Odourless
	Odour Threshold (ppm)	No data available
	pH (Value)	No data available
	Melting Point (°C) / Freezing Point (°C)	No data available
	Boiling point/boiling range (°C):	No data available
	Flash Point (°C)	No data available
	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)	No data available
	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
<b>9.2</b>	<b>Other information</b>	None

## SECTION 10: STABILITY AND REACTIVITY

<b>10.1</b>	<b>Reactivity</b>	Stable under normal conditions.
<b>10.2</b>	<b>Chemical stability</b>	No data available
<b>10.3</b>	<b>Possibility of hazardous reactions</b>	No data available
<b>10.4</b>	<b>Conditions to avoid</b>	No data available
<b>10.5</b>	<b>Incompatible materials</b>	No data available
<b>10.6</b>	<b>Hazardous Decomposition Product(s)</b>	None in normal storage containers.

## SECTION 11: TOXICOLOGICAL INFORMATION

<b>11.1</b>	<b>Information on toxicological effects</b>	
<b>11.1.2</b>	<b>Mixtures</b>	
	Acute toxicity	Sodium Azide displays the following properties: LD 50, Oral, Rat: 27 mg/kg. LD 50, Dermal, Rabbit, 20 mg/kg.
	Irritation	No data available
	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
<b>11.2</b>	<b>Other information</b>	None



## SECTION 12: ECOLOGICAL INFORMATION

<b>12.1 Toxicity</b>	Sodium Azide displays the following properties: Toxicity to fish: LC50 <i>Lepomis macrochirus</i> (Bluegill sunfish): 0.7 mg/l; 96 h (ECOTOX Database) Toxicity to daphnia and other aquatic invertebrates: EC50 <i>Daphnia pulex</i> (Water flea): 4.2 mg/l; 48 h (ECOTOX Database) Toxicity to algae: IC50 mixed culture of green algae: 272 mg/l(Lit.) Toxicity to bacteria: EC50 <i>Photobacterium phosphoreum</i> : 38.5 mg/l(Lit.)
<b>12.2 Persistence and degradability</b>	No data available.
<b>12.3 Bioaccumulative potential</b>	No data available.
<b>12.4 Mobility in soil</b>	No data available.
<b>12.5 Results of PBT and VPVB assessment</b>	No data available.
<b>12.6 Other adverse effects</b>	No data available.

## SECTION 13: DISPOSAL CONSIDERATIONS

<b>13.1 Waste treatment methods</b>	Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8. Empty containers retain residue (powder and/or vapour) and can be dangerous. Do not burn, or use a cutting torch on, the empty drum.  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.
<b>13.2 Additional Information</b>	None



## SECTION 14: TRANSPORT INFORMATION

<p><b>14.1 Land transport (ADR/RID)</b>            UN number            Proper Shipping Name            Transport hazard class(es)            Packing Group            Hazard label(s)            Environmental hazards            Special precautions for user</p>	<p>Not applicable</p>
<p><b>14.2 Sea transport (IMDG)</b>            UN number            Proper Shipping Name            Transport hazard class(es)            Packing Group            Marine Pollutant            Special precautions for user</p>	<p>Not applicable</p>
<p><b>14.3 Air transport (ICAO/IATA)</b>            UN number            Proper Shipping Name            Transport hazard class(es)            Packing Group            Environmental hazards            Special precautions for user</p>	<p>Not applicable</p>
<p><b>14.4 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b></p>	<p>Not applicable</p>

## SECTION 15: REGULATORY INFORMATION

<p><b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture substance or mixture</b></p>	<p>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)</p>
<p><b>15.1.1 EU regulations</b></p> <p>Authorisations and/or restrictions on use</p>	<p>Refer to EU regulation for details of any actions or restrictions by the above regulations or directives.</p>
<p><b>15.1.2 National regulations</b></p>	<p>Refer to national regulation for details of any actions or restrictions by the above regulations or directives.</p>
<p><b>15.2 Chemical Safety Assessment</b></p>	<p>A Chemical Safety Assessment has not been carried out for this mixture.</p>





## 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)

P102: Keep out of reach of children.  
P260: Do not breathe dust/fumes/gas/mist/vapours/spray.  
P262: Do not get in eyes, on skin, or on clothing.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P301 + P330 + P331: IF SWALLOWED: rinse mouth, Do NOT induce vomiting.  
P303 + P361 + P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
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

Revision 1,1 was issued on 29 November 2016 – new information received from the formulators of the product necessitated a re-classification, and a revision of information in Sections 2, 3, 4, 5, 6, 10, 11, 14, and 15.

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.