

**PRODUCT AND COMPANY IDENTIFICATION**

<b>Trade Name</b>	Demand CS
<b>Product Code</b>	LAMB97201
<b>Intended Use</b>	FOR USE ONLY AS AN INSECTICIDE The product must be used only in accordance with the label. Health and Safety Executive HSE 6287
<b>Appearance</b>	A cream liquid.
<b>Manufacturer/Supplier Address</b>	Sorex Limited St Michael's Industrial Estate, Widnes, Cheshire WA8 8TJ United Kingdom
<b>Phone Number (24h)</b>	+44 (0) 151-420 7151
<b>Fax Number</b>	+44 (0) 151-495 1163

**COMPOSITION/INFORMATION ON THE COMPONENTS****Hazardous Components in Preparation**

Component Name	CAS No.	Concentration	Classification
1. Lambda-cyhalothrin	91465-08-6	9.62%	T+;R21 R25 R26, N;R50/53
2. Solvent naphtha (petroleum), light aromatic	64742-95-6	< 10%	R10, Xn;R37 R66 R67, N;R51/53

N	Dangerous to the Environment.
T+	Very toxic.
Xn	Harmful
R10	Flammable.
R21	Harmful in contact with skin.
R25	Toxic if swallowed.
R26	Very toxic by inhalation.
R37	Irritating to respiratory system.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

**PRODUCT HAZARD IDENTIFICATION**

HARMFUL

DANGEROUS  
TO THE  
ENVIRONMENT**Main Hazards**

Harmful by inhalation.  
Contact with skin or eyes may cause irritation.  
Skin contact may cause transient sensations (tingling, burning or numbness) which disappear after a few hours. Avoid all contact with the skin, especially sensitive areas.  
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.



## FIRST AID MEASURES

<b>First Aid - Eyes</b>	Immediately flood the eye with plenty of water for at least 10 minutes, holding the eye open. If irritation persists obtain medical advice.
<b>First Aid - Skin</b>	Wash skin with soap and water. Remove contaminated clothing as washing proceeds. Contaminated clothing should be washed or dry-cleaned before re-use.
<b>First Aid - Ingestion</b>	Do not induce vomiting. Obtain medical advice if necessary.
<b>First Aid - Inhalation</b>	Remove from exposure. Keep warm and at rest. Seek medical attention if you feel unwell.
<b>Advice to Physicians</b>	Following ingestion, adsorbents such as activated charcoal may be of value. Treat symptomatically. For comprehensive medical advice on the treatment of poisoning, contact the nearest Poisons Information Centre or Sorex Limited.

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## FIRE FIGHTING MEASURES

<b>General Hazard</b>	This product is non-flammable.
<b>Extinguishing Media</b>	Keep containers and surroundings cool with water spray.  Use foam, dry chemical or carbon dioxide. Avoid run-off into water courses.
<b>Unsuitable Extinguishing Media</b>	Do not use water jet.
<b>Protective Equipment for Fire-Fighting</b>	Wear self contained breathing apparatus.

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## ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Wear appropriate protective clothing.
<b>Environmental Precautions</b>	Keep away from drains, sewers, surface and ground water, soil and vegetation. Advise Authorities if spillage has entered water course or sewer or has contaminated soil or vegetation.
<b>Spillages</b>	Any spillages should be cleared up immediately and disposed of safely. Contain and absorb using earth, sand or other inert material. Wash contaminated surfaces with detergent solution. Retain rinsings as contaminated waste.

## HANDLING AND STORAGE

<b>Storage</b>	Store in original container under cool and dry conditions in a secure, well ventilated place, inaccessible to children and away from foodstuffs and animal feedstuffs. Physically and chemically stable for at least 2 years when stored in the original unopened sales container at ambient temperatures.
<b>Handling</b>	The product must be used only in accordance with the label.  When using, do not eat, drink or smoke. Wash hands, face and exposed skin before eating, drinking or smoking. Refer also to the section 'Exposure Controls/Personal Protection'.

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## EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Standards

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|---|--|
| <b>1. Lambda-cyhalothrin</b>                          | Syngenta standard 0.04 mg/m <sup>3</sup> 8 hr TWA<br>Can be absorbed through skin. |
| <b>2. Solvent naphtha (petroleum), light aromatic</b> | UK EH40: OES 100 mg/m <sup>3</sup> 8h TWA.   |

<b>Respiratory Protection</b>	Respiratory protection if there is a risk of uncontrolled exposure to vapour.
<b>Hand Protection</b>	PVC or rubber gloves.
<b>Eye Protection</b>	Chemical goggles or face shield must be worn.
<b>Body Protection</b>	If there is danger of splashing, wear overall or apron.

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## PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Liquid.
<b>Colour</b>	Cream.
<b>Flash Point (°C)</b>	Does not flash.
<b>Flammability</b>	Not flammable.
<b>Solubility in Water (kg/m<sup>3</sup>)</b>	Miscible.
<b>Relative Density</b>	1.033 g/ml.
<b>Explosive Properties</b>	None.
<b>Oxidising Properties</b>	None.

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## STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions of use.
<b>Hazardous Decomposition Products</b>	Combustion or thermal decomposition will evolve toxic and irritant vapours.

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**TOXICOLOGICAL INFORMATION**

<b>Acute Toxicity</b>	Oral LD50 (rat) >5000 mg/kg. Dermal LD50 (rat) > 4000 mg/kg. Inhalation LC50 (rat) > 4.62 mg/litre/4h.
<b>Irritancy - Eyes</b>	Irritating to eyes.
<b>Irritancy - Skin</b>	Irritating to skin.
<b>Skin Sensitisation</b>	Substance has been reported to have some skin sensitising potential when tested by the following procedures:- Buehler.

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**ECOLOGICAL INFORMATION**

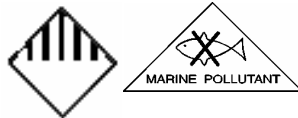
<b>Mobility</b>	The product is insoluble in water. The product may absorb onto soils and sediments.
<b>Ecotoxicity</b>	Avoid environmental contamination. Very toxic to fish and aquatic invertebrates. Do not contaminate ponds, waterways or ditches with the product or used containers.

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**DISPOSAL**

<b>Product Disposal</b>	The best means of disposal of any product is through proper use according to the label.
<b>Container Disposal</b>	Do not dispose of the pack in domestic refuse. Empty completely, puncture or crush, and dispose of safely.

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**TRANSPORT INFORMATION****Labelling**

<b>UN Number</b>	3082
<b>UN Proper Shipping Name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (lambda-cyhalothrin 10% and substituted benzenoid hydrocarbons)
<b>UN Class</b>	9
<b>UN Packing Group</b>	III
<b>ADR/RID - Item No.</b>	11(c)
<b>ADR/RID - Hazard Identification Number</b>	90
<b>CEPIC - Tremcard No.</b>	90GM6-III
<b>IMDG - Marine Pollutant</b>	Yes

## REGULATORY INFORMATION

### *Intended Use*

FOR USE ONLY AS AN INSECTICIDE

The product must be used only in accordance with the label.



HARMFUL



DANGEROUS  
TO THE  
ENVIRONMENT

### *R phrases*

R20 Harmful by inhalation.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### *S phrases*

S2 Keep out of reach of children.

S13 Keep away from food, drink and animal feeding stuffs.

S20/21 When using do not eat, drink or smoke.

S35 This material and its container must be disposed of in a safe way.

S46 If swallowed seek medical advice immediately and show this container or label.

S57 Use appropriate container to avoid environmental contamination.

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## OTHER INFORMATION

For use only as specified on the label.

The information in this data sheet should be considered when undertaking a risk assessment under the COSHH regulations. A data sheet does not constitute a COSHH assessment.

Demand CS is a Trade Mark of Syngenta Group company.

This data sheet was prepared in accordance with the European Directive 93/112/EC.

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