

Gerhardt Pharmaceuticals Ltd.

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DETHLAC[®] INSECTICIDAL LACQUER

Information Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name	DETHLAC [®] INSECTICIDAL LACQUER
Product Type	Insecticide
Aerosol	250ml
HSE No:	9708
Intended/Recommended Use	For the killing of crawling insects indoors and outdoors
Manufacturer/Supplier	Gerhardt Pharmaceuticals Ltd PO BOX 777 London SW19 5DY
Telephone Number	020 8944 0505
Website	www.dethlac.com

2. COMPOSITION/INFORMATION ON THE COMPONENTS

Hazardous Components in Product for EC

Component Name

1. Butane
2. Deltamethrin 0.02%w/w
3. Pyrethrins 0.08% w/w

3. HAZARD IDENTIFICATION

Classification of the substance or mixture

Classification (1999/45/EEC)

Xi;R36. F+;R12. N;R50/53

Label elements

Labelling



Irritant



Extremely Flammable



Dangerous for the environment

Risk Phrases

R36	Irritating to eyes
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R12	Extremely flammable.

Safety Phrases

A1	Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.
A2	Do not spray on a naked flame or any incandescent material.
S2	Keep out of reach of children.
S9	Keep container in a well-ventilated place.
S16	Keep away from sources of ignition – No smoking.
S23	Do not breathe vapour/spray.
S25	Avoid contact with eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S29	Do not empty into drains.
S51	Use only in well-ventilated areas.
S61	Avoid release to the environment. Refer to special instructions/ safety data sheets.

Other Hazards

Not Classified as PBT/vPvB by current EU criteria.

4. FIRST AID MEASURES

INHALATION	Provide rest, warmth and fresh air. Get medical attention if any discomfort continues. Seek medical attention immediately if breathing shows signs of failing or deliberate abuse is suspected.
INGESTION:	Rinse mouth thoroughly with water. Do not induce vomiting. Obtain medical advice.
SKIN CONTACT	Wash skin thoroughly with soap and water.
EYE CONTACT	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Contact physician if discomfort continues.

Most important symptoms and effects, both acute and delayed

INHALATION	Irritation of nose, throat and airway.
INGESTION	May cause discomfort if swallowed.
SKIN CONTACT	Prolonged skin contact may cause redness and irritation.
EYE CONTACT	Irritating and may cause redness and pain.

Indication of any immediate medical attention and special treatment needed

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this product. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHERS: Alcohol-resistant foam, carbon dioxide, foam, dry powder and water fog.

UNSUITABLE EXTINGUISHERS: DO NOT USE WATER JET, as this will spread the fire.

SPECIAL EQUIPMENT: In case of fire, self-contained breathing apparatus and full protective clothing should be worn.

HAZARDOUS COMBUSTION PRODUCT: There are no anticipated hazardous decomposition products associated with this material.

UNUSUAL FIRE & EXPLOSION HAZARDS: Extremely flammable. Aerosol cans may explode in fire.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Avoid contact with eyes. Avoid repeated or prolonged contact with skin. Keep out of the reach of children. Wear suitable protective synthetic/pvc gloves when using.

ENVIRONMENTAL PRECAUTIONS: Do not allow to enter drains, sewers or watercourses.

METHODS FOR CLEANING UP: Contain the spilled liquid with sand or an inert absorbent material. Transfer used material to a suitable waste container, seal securely and dispose of in accordance with local regulations.

7. HANDLING AND STORAGE

HANDLING: Read and follow manufacturer's recommendations. Do not discharge the product whilst smoking or close to a naked flame, incandescent heat source or electrical equipment in use. Avoid contact with eyes. Observe good chemical hygiene practises.

STORAGE Store in original container, preferably in a dry, cool and well ventilated place. Protect from sunlight, open flames and sources of ignition. Keep out of the reach of children. Do not expose to temperatures exceeding to 50 °C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection:	Use only in a well-ventilated area. Do not smoke whilst using. In case of inadequate ventilation use suitable respirator.
Hand Protection:	None required during normal use. Gloves are advisable. Avoid prolonged or repeated contact.
Eye Protection:	None required in normal use.
Skin Protection:	None required during normal use. Avoid prolonged or Repeated contact.
Hygiene measures	No specific hygiene procedures noted, but when using do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Aerosol. Fine spray
Flash point:	<0°C

10. STABILITY AND REACTIVITY

Conditions to Avoid	Temperatures higher than 50°C and direct sunlight.
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11. TOXICOLOGICAL INFORMATION

EYE: May cause irritation if product comes into contact with eye. If aerosol is discharged directly into the eye, then physical damage, which may include superficial freeze burns, may occur.

SKIN: Frequent or prolonged contact may lead to irritation. If sprayed directly onto the skin, freeze burns may result due to the rapid expansion of the gas as it leaves the can. Not a skin sensitiser.

INGESTION: Toxic if swallowed. May cause local irritation of the mouth and upper digestive tract.

INHALATION: Some local irritation of the nasal mucosa is possible, but during normal use this will be transient. Over-exposure due to deliberate or accidental inhalation of the aerosol-derived gases and vapours could lead to nausea, vomiting, diarrhoea, breathing difficulties, coughing, drowsiness, tremors, convulsions, headaches and narcosis. Extremely rare, excessive inhalation may lead to a coma and death in susceptible individuals.

12. ECOLOGICAL INFORMATION

The aerosol does not contain CFC propellants. The pyrethroid group of insecticides is toxic to fish and so potential contact with aquaria should be avoided. This product will harm beneficial insects such as honey bees.

Product packaging may be recycled where facilities are available.

13. DISPOSAL CONSIDERATIONS

Contents:

Under conditions of expected use, the product will be disposed of at the end of its life into the normal domestic refuse system.

No adverse effects are expected.

Large quantities should be disposed of in accordance with local regulations.

Do not pierce or burn container even after use.

Empty Containers:

Dispose of in accordance with local regulations.

Product packaging may be recycled where facilities are available.

14. TRANSPORT INFORMATION

EXTREMELY FLAMMABLE

PROPER SHIPPING NAME Aerosols (deltamethrin, pyrethrins)

AEROSOLS UN 1950

ADR/RID/ADN CLASS 2.1: Flammable gases

IMDG CLASS 2

ICAO Class 2.1

Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

Special precautions for user

EMS F-A, S-F

15. REGULATORY INFORMATION

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC.

Chemical Safety Assessment

No chemical safety assessment has been carried out.

R12	Extremely Flammable
R10	Flammable
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R65	Harmful: may cause lung damage if swallowed.
R11	Highly Flammable.
R36	Irritating to eyes.
R66	Repeated exposure may cause skin dryness or cracking.
R23	Toxic by inhalation.
R25	Toxic if swallowed.
R67	Vapours may cause drowsiness and dizziness.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard Statements in Full

EUH066	Repeated exposure may cause skin dryness or cracking.
H220	Extremely flammable gas.
H224	Extremely flammable liquid and vapour.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.



Keep away from children.



Keep away from eyes. If product gets into eyes rinse thoroughly with water.



Rinse and dry hands after use.



People with sensitive or damaged skin should avoid prolonged contact with the product.



Do not ingest. If product is ingested then seek medical advice.

Use only in a well-ventilated area.

WASH HANDS AND EXPOSED SKIN before meals and after use.

KEEP IN A SAFE PLACE, out of the reach of children.

UNTIL DRY, TREATED SURFACES CAN POSE A FIRE RISK.

TO AVOID RISK TO MAN AND THE ENVIRONMENT COMPLY WITH THE INSTRUCTIONS FOR USE.

Ventilate confined areas thoroughly. Ensure adequate ventilation when applying.

Dethlac[®] Insecticidal Lacquer is approved for use under the Control of Pesticides Regulations, 1986 (as amended) including Complying with all Conditions of Approval.

HSE Registration Number 9708

Issue Date: 1st April 2014

Disclaimer:

The information contained in this sheet is to the best of our knowledge and belief accurate and is based upon our technical knowledge of the product at the date of issue. No warranty or representation, express or implied, is made as to its accuracy, reliability or completeness. We will not be responsible for any damage or injury from any inherent hazard of the material, the abnormal use of the material or from failure to adhere the recommendation.