

Gerhardt Pharmaceuticals Ltd.

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DETHLAC[®] INSECTICIDAL LACQUER

Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name	DETHLAC [®] INSECTICIDAL LACQUER
Product Type	Insecticide
Aerosol	250ml
HSE No:	9708
PCS No:	98560
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.co.uk

2. HAZARDS IDENTIFICATION

Classification of the substance of mixture

Classification

Physical hazards	Aerosol 1 - H222,H229
Health Hazards	Eye Irrit. 2 - H319 STOT SE3 - H336
Environmental Hazards	Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410
Classification (67/548/EEC or 1999/45/EC)	Xi;R36. F+;R12. N;R50/53

Label elements

Pictogram



Signal word Danger

Hazard statements

H222	Extremely flammable aerosol.
H229	Pressurised container: may burst if heated.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H410	Very toxic to aquatic life with long lasting effects.

Precautionary statements

P102	Keep out of reach of children.
P260	Do not breathe spray.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P273	Avoid release to the environment.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F
P337+P313	If eye irritation persists: Get medical advice/attention.
P305	IF IN EYES:
P351	Rinse cautiously with water for several minutes.

3. COMPOSITION/INFORMATION ON THE COMPONENTS

Hazardous Components in Product

Component Name

1. Butane
2. Deltamethrin 0.02%w/w
3. Chrysanthemum Cinerariaefolium, extract from open and mature flowers of Tanacetum Cinerariifolium obtained with hydrocarbon solvents (redefined from Pyrethrins and Pyrethroids and Chrysanthemum Cinerariaefolium, Ext.) 0.08%w/w
Not Classified as PBT/vPvB by current EU criteria.

4. FIRST AID MEASURES

INHALATION	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. 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. Consult a physician for specific advice. Do not induce vomiting.
SKIN CONTACT	Wash skin thoroughly with soap and water.
EYE CONTACT	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any 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 EYE CONTACT	Prolonged skin contact may cause redness and irritation. Irritating to eyes. Symptoms following over exposure may include the following: Redness. Pain.

Indication of any immediate medical attention and special treatment needed

No specific 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:	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
UNSUITABLE EXTINGUISHERS:	DO NOT USE WATER JET as an extinguisher, as this will spread the fire.
SPECIFIC HAZARDS:	Extremely Flammable. Containers can burst violently or explode when heated, due to excessive pressure build up.
HAZARDOUS COMBUSTION PRODUCT:	No known hazardous decomposition products.
UNUSUAL FIRE & EXPLOSION HAZARDS:	Extremely flammable. Aerosol cans may explode in fire.
<u>ADVICE FOR FIREFIGHTERS</u>	
Protective actions during firefighting	No specific firefighting precautions known.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

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 gloves as per section 8 when using.
ENVIRONMENTAL PRECAUTIONS:	Do not allow spillage or runoff to enter drains, sewers or watercourses.
METHODS FOR CLEANING UP:	Absorb spillage 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. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. (See section 13).

7. HANDLING AND STORAGE

HANDLING:	Read and follow manufacturer's recommendations. Avoid contact with eyes. Eliminate all sources of ignition. Do not discharge the product whilst smoking or close to a naked flame, incandescent heat source or electrical equipment in use. Good personal hygiene procedures should be implemented.
STORAGE	Store in tightly-closed original container in a dry, cool and well-ventilated place. Protect from direct 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 respiratory protection.
Hand Protection:	No specific hand protection recommended. None required during normal use. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Gloves are recommended for prolonged use.
Eye/Face Protection:	None required in normal use.
Skin Protection:	None required during normal use. Avoid prolonged or repeated contact.
Hygiene measures	No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products. 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 High temperatures and direct sunlight.

11. TOXICOLOGICAL INFORMATION

EYE: May cause irritation if product comes into contact with eye (moderately irritating). 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 coughing, 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

Do not puncture or incinerate, even when empty.

Dispose of waste to licence waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14. TRANSPORT INFORMATION

EXTREMELY FLAMMABLE

PROPER SHIPPING NAME Aerosols (deltamethrin, pyrethrins)

AEROSOLS UN 1950

ADR/RID CLASS 2

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.

Risk Phrases in Full.

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

Hazard Statements in Full

H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H229	Pressurised container: may burst if heated.
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.

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 (UK) PCS 98560 (EIRE)

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. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. 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. It is the user's responsibility to satisfy himself/herself as the suitability of such information for his/her own particular use.

21st January 2021