

PRODUCT SAFETY DATA SHEET

PRODUCT: DIGRAIN ONE SHOT

INSECTICIDE FOR PUBLIC HEALTH SITUATIONS

SPECIFIC RISKS: **highly flammable liquid-irritating**
toxic to aquatic organisms with long-term adverse effects

1 SUBSTANCE IDENTITY AND COMPANY CONTACT INFORMATION

Product name: **DIGRAIN ONE SHOT**
Intended use: aerosol insecticide against public health pests
Marketing company : LODI SA, Parc d'Activités des quatre routes FR-35390 GRAND FOUGERAY
Telephone & fax Tel.: 0033 2 99 08 48 59 Fax: 0033 2 99 08 38 68

2 COMPOSITION/INFORMATION ON THE INGREDIENTS

Composition:

- **PERMETHRIN:**

- CAS No.: 52645-53-1
- classification: N XN, R22-50
- %w/w: 0.5

- **ALIPHATIC HYDROCARBONS:**

- CAS No.: 64742-49-0
- classification: N XN F, R11-38-51/53-65-67
- %w/w: 50-100

HAZARDS IDENTIFICATION

Hazards classification for supply and use:

Xi IRRITANT, **F** HIGHLY FLAMMABLE, **N** DANGEROUS FOR THE ENVIRONMENT

Health Hazards: R11-38-51/53-67

R11 highly flammable

R38 irritating to skin

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

R67 vapours may cause drowsiness and dizziness

4 FIRST AID MEASURES

After ingestion or if you feel unwell, seek medical advice (show the label where possible)

After contact with skin: rinse with soap and water

After contact with eyes: rinse with water

After inhalation : if a large quantity is inhaled, move the patient into the fresh air and keep him warm and still

5 FIRE FIGHTING MEASURES

Extinguishing media: do not use water-jets to extinguish fires or disperse spilt product, use carbon dioxide, dry powder or alcohol foam, or a leavy, coarse, low-pressure water spray.

Harmful combustion products: possible formation of CO.

Special protective equipment: self-contained breathing apparatus

6 ACCIDENTAL RELEASE MEASURES

Personal protective measures:

- ◆ Avoid contact with eyes or skin. Avoid all contact by mouth.

Measures to protect the environment:

- ◆ No need for special protection, avoid uncontrolled release into the environment.

Cleaning method:

- ◆ Sweep up the product and arrange collection by waste disposal service.

7 HANDLING AND STORAGE

Handling:

- ◆ Read the label before use and refer to the label for details.
- ◆ Do not eat, drink or smoke whilst handling the product.

Storage:

- ◆ Store away from food and drink, including animal feed.
- ◆ Store out of the reach of children
- ◆ Store in a dry place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection: no special protection required under the occupational limit

Eye protection: no special protection required.

Hand protection: wear suitable protective gloves.

Body protection: wear suitable protective clothing.

Specific hygiene measure : Ensure adequate ventilation.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: aerosol
Odour: odourless
Vapour tension at 50°C: below 110 kPa
Solubility in water: insoluble
Density : >1
Flash point (closed cup) : <21°C

10 STABILITY AND REACTIVITY

Stable under normal storage conditions.

Combustion or thermal decomposition will evolve toxic and irritant vapours.

Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arc, etc.) must not be allowed on the premises.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity: (calculated)

- ◆ LD50 oral (rat): > 5,000 mg/kg.

Effects: after skin contact :cutaneous sensations may occur, such as burning or stinging on the face and mucosae. However, these sensations cause no lesions and are of a transitory nature (max 24 hours).

Other information: contains synthetic pyrethrins (permethrin)

12 ECOLOGICAL INFORMATION

the product must not be allowed to run into drains or waterways.
Dangerous to aquatic organisms, do not release in the aquatic environment.

13 DISPOSAL CONSIDERATIONS

Destruction of product: waste may be placed in an incinerator approved for chemicals.

Destruction of packaging: do not pour into drains or waterways.

14 TRANSPORT INFORMATION

UN number: 1950 AEROSOLS
CLASS 2

Packaging: original packaging

15 REGULATORY INFORMATION

This substance is covered by the control of pesticides regulations (1986). It has therefore been labelled in accordance with these regulations.

EEC classification:

Hazard symbol: F+ XI N

Risk symbol: R11 HIGHLY FLAMMABLE
R38 IRRITATING TO SKIN
R67 VAPOURS MAY CAUSE DROWSINESS AND DIZZINESS
R51/53 TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT

Safety advice:

S3 keep in a cool place
S9 keep containers in a well ventilated place
S16 keep away from sources of ignitions – no smoking
S60 this material and its container must be disposed of as hazardous waste
S61 avoid release to the environment. Refer to special instructions
Pressurised container : protect from sunlight and do not expose to temperatures exceeding 50°C. do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material

*keep off skin. wash hands after use. Keep in a safe place, out of reach of children. Pressurised container / protect from sunlight and do not expose to temperatures exceeding 50°C (120°F), do not pierce or burn even after use
keep away from sources of ignition. No smoking. Do not spray on a naked flame, electrical equipment or any incandescent material. Until dry, treated surfaces can pose a fire risk. do not handle treated fabrics until dry and air thoroughly before use.*



16 OTHER INFORMATION

This safety data sheet has been produced in conformity with the Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 (CHIP3) and the GB legislation which implements several EU directives, including the Dangerous Substances Directive (67/548/EC; DSD) and the Dangerous Preparations Directive (1999/45/CE; DPD).

This sheet supplements the technical instructions for use and the label but does not replace them. The information it contains is correct to the best of our knowledge at the time of publication.

The user's attention is also drawn to the risks, which may occur when a product is used for purposes other than those for which it is intended.