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SECTION 1 Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name : BLACK PEARL PASTE
 Formulation type : Paste bait

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use : Biocide
 Type of product : Rodenticide
 Users : Amateurs and professionals

1.3. Details of the supplier of the safety data sheet

Responsible for placing on the market: LODI GROUP
 Parc d'activités des quatre routes
 35390 GRAND FOUGERAY
 Tel. 02.99.08.48.59
 Email contact : regulatory@lodi.fr

1.4. Emergency telephone number

Emergency phone nr : NPIS (National Poison Centre) - Birmingham Unit
 [To be called by medical staff or physicians]
 City Hospital, Birmingham, B18 7QH, UK
 Tel: (+44) 121 507 4123

SECTION 2 Hazards identification

2.1. Classification of the substance or mixture

Classification EC 1999/45
 N; R50-53

2.2. Label elements

Labelling EC 1999/45

- Symbol(s)



N : Dangerous for the environment

- R Phrase(s) : R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 - S Phrase(s) : S61 : Avoid release to the environment. Refer to special instructions/Safety data sheets.

2.3. Other hazards

Other hazards : Symptoms, see section 4


SECTION 3 Composition/information on ingredients

Hazardous component(s)

Substance name	Contents	CAS No	EC No	Index No	Classification
Alphachloralose	4 %	15879-93-3	240-016-7	605-013-00-0	Xn: R20/22 N: R50-53 Acute Tox. 4 (H332) Acute Tox. 4 (H302) Aquatic Chronic 1 (H410)

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SECTION 4 First aid measures

4.1. Description of first aid measures

- Ingestion : Call a physician immediately.
- Inhalation : Not hazardous.
- Skin contact : Wash skin with mild soap and water.
Seek medical attention if ill effect or irritation develops.
- Eye contact : Rinse with water.
Seek medical attention if ill effect or irritation develops.

4.2. Most important symptoms and effects, both acute and delayed

- Ingestion : Convulsions.
Heart rate reduction.
Respiratory rhythm reduction.
Hypothermia.
Bad taste.
Drowsiness.
Balance disorders.
- Inhalation : Inhalation unlikely.
- Skin contact : None.
- Eye contact : None.

4.3. Indication of any immediate medical attention and special treatment needed

- Emergency medical treatment : Treat symptomatically.
- Note to physician : No specific antidote known.
- General information : Obtain medical attention.

SECTION 5 Fire-fighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Water fog.
Foam.
Powder.
Carbon dioxide.
- Unsuitable extinguishing media : None.
Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

- Hazardous combustion products : None that are more toxic than the product itself.

5.3. Advice for fire-fighters

- Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.
- Surrounding fires : Use water spray or fog for cooling exposed containers.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- Personal precautions : Equip cleanup crew with proper protection.
Gloves.

6.2. Environmental precautions

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SECTION 6 Accidental release measures (continued)

Environmental precautions : Notify authorities if liquid enters sewers or public waters.
Prevent entry to sewers and public waters.
Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

6.3. Methods and material for containment and cleaning up

Clean up methods : Sweep or shovel spills into appropriate container for disposal.
In case of spillage and/or leakage : Clean up even minor leaks or spills if possible without unnecessary risk.

6.4. Reference to other sections

See sections 8 and 13

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Handling : Keep away from food, drink and animal feeding stuffs. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.
Precautions in handling and storage : Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for safe storage, including any incompatibilities

General : Avoid all unnecessary exposure.
Storage : Store in dry, cool area.
Store in tightly closed packings.
Keep in original containers.

7.3. Specific end use(s)

See 1.2.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure Limits : None.

8.2. Exposure controls

Personal protection

- **Respiratory protection** : No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.
- **Hand protection** : Wear gloves.
- **Skin protection** : No special clothing/skin protection equipment is recommended under normal conditions of use.
- **Eye protection** : Not required.

SECTION 9 Physical and chemical properties

9.1. Information on basic physical and chemical properties


Physical state at 20 °C : Paste.
Colour : Black.
Odour : Sweet.

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SECTION 9 Physical and chemical properties (continued)

Flash point [°C] : Not applicable.
 Explosive properties : The product is not explosive

9.2. Other information

No additional data available

SECTION 10 Stability and reactivity

10.1. Reactivity

See 10.4. and 10.5.

10.2. Chemical stability

Stability : Stable under normal conditions

10.3. Possibility of hazardous reactions

Hazardous reactions : None under normal conditions.

Hazardous properties : None under normal conditions.

10.4. Conditions to avoid

Conditions to avoid : Extremely high or low temperatures.

10.5. Incompatible materials

Materials to avoid : None.

10.6. Hazardous decomposition products

Hazardous decomposition products : None.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity:

Rat oral LD50 [mg/kg] : Alphachloralose : 341 mg/Kg

Rat dermal LD50 [mg/kg] : Alphachloralose : > 2000 mg/Kg

Dermal irritation (rabbit) : Alphachloralose : Not irritating to skin

Eyes irritation (rabbit) : Alphachloralose : Not irritating to eyes

SECTION 12 Ecological information

12.1. Toxicity

48 H-LC50 - Daphnia magna [mg/l] : AlphaChloralose : 0.027 mg/L

12.2. Persistence - degradability

Persistence - degradability : No data available.

Biodegradation [%] : No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential : No data available.

12.4. Mobility in soil


Mobility : No data available.

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SECTION 12 Ecological information (continued)

12.5. Results of PBT and vPvB assessment

On product : No data available.

12.6. Other adverse effects

Toxicity on terrestrial species : No data available.

Toxicity on birds : No data available.

SECTION 13 Disposal considerations

13.1. Waste treatment methods

General : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14 Transport information

14.1. UN Number

UN No : 3077

14.2. UN proper shipping name

- Proper shipping name : UN3077 MATIÈRE DANGEREUSE DU POINT DE VUE DE L'ENVIRONNEMENT, SOLIDE, N.S.A., 9, III, (E) (Alphachloralose)

14.3. Transport hazard class

- ADR Class : 9

14.4. Packing group

- ADR Packing group : III

14.5. Environmental hazard

Environmental hazard : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

14.6. Special precautions for user

H.I. nr : 90

ADR/RID : LQ 27

Combination packagings - Inner packaging : Maximum : 6 kg

~~Combination packagings - Package - Maximum : 30 kg~~

Inner packagings placed in shrink-wrapped or stretch-wrapped trays - Inner

packaging : Maximum contents : 6 kg

Inner packagings placed in shrink-wrapped or stretch-wrapped trays - Package

Maximum : 20 kg

SECTION 15 Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

ICPE (French regulation) : 1530

R689/2008 ? : Non

15.2. Chemical Safety Assessment


CSR not available

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SECTION 16 Other information

List of relevant R phrases (heading 3) : R20/22 : Harmful by inhalation and if swallowed.
R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Abreviations

- ADR** : Accord européen relatif au transport des marchandises Dangereuses par Routes (French Regulation)
- CE / EC** : Concentration Efficace / Effective Concentration
- CL / LC** : Concentration Létale / Lethal Concentration
- CSR** : Chemical Safety Report
- DL** : Installations Classées pour l'Environnement (French Regulation)
- ICPE** : Installations Classées pour l'Environnement (French Regulation)
- LQ** : Limited Quantity
- NSA / NOS** : Non Spécifié par Ailleurs / Not Otherwise Specified
- ONU / UN** : Organisation des Nations Unies / United Nations
- RID** : Regulations concerning the International Carriage of Dangerous goods by rail (French regulation)

Use advice

- Precautions** : Use products safely. Before use, read the label and information concerning the product.
- Further data** : Instruction for use and application rate, read technical data sheet and label.
- Note** : This Safety Data Sheet has been established in accordance with the Regulation (EC) 1907/2006, Annex II.
- Disclaimer of liability** : Before using this product for the first time or in any new process, a thorough material compatibility and safety study should be carried out.
Whilst proper care has been taken in the preparation of this document, no liability for injury or damage resulting from the use of the product can be accepted.

End of document

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