

Safety Data Sheet dated 19/2/2015, version 1

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

### 1.1. Product identifier

Trade name: **BLACK PEARL GRAIN**

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

Recommended use:

Rodenticide - Biocidal use

Uses advised against:

Do not use for purposes other than those stated in "Recommended uses".

### 1.3. Details of the supplier of the safety data sheet

Company:

LODI UK  
Pensnett Trading Estate 3rd Avenue  
West Midlands  
DY6 7FD KINGSWINFORD United Kingdom  
Tel. 00 44 1628 779 027

Competent person responsible for the safety data sheet:

[fds@lodi.fr](mailto:fds@lodi.fr)

### 1.4. Emergency telephone number

NPIS (National Poison Centre) - Birmingham Unit  
[To be called by medical staff or physicians]  
City Hospital, Birmingham, B18 7QH, UK  
Tel: 0844 892 011

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## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Directive criteria, 67/548/CE, 99/45/EC and following amendments thereof:

Properties / Symbols:

None.

EC regulation criteria 1272/2008 (CLP)

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Adverse physicochemical, human health and environmental effects:

No other hazards

### 2.2. Label elements

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Symbols:

None

Hazard statements:

None

Precautionary statements:

None

Special Provisions:

EUH210 Safety data sheet available on request.

Special provisions according to Annex XVII of REACH and subsequent amendments:  
None

### 2.3. Other hazards

vPvB Substances: None - PBT Substances: None  
Other Hazards:  
No other hazards

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## SECTION 3: Composition/information on ingredients

### 3.1. Substances

This SDS concerns a mixture, see 3.2.

### 3.2. Mixtures


Hazardous components within the meaning of EEC directive 67/548 and CLP regulation and related classification:

4% Chloralose Technical Grade

Index number: 605-013-00-0, CAS: 15879-93-3, EC: 240-016-7

Xn; R20/22

 3.1/4/Inhal Acute Tox. 4 H332

 3.1/4/Oral Acute Tox. 4 H302

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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

In case of skin contact:

Remove contaminated clothing, wash skin with soap and rinse thoroughly with water.  
Do not use solvents or thinners.

In case of eyes contact:

Wash thoroughly under a trickle of water (warm if possible) for several minutes, holding the eyelids open under the stream of water.

In case of Ingestion:

Immediately consult a physician and show the label.  
Do not induce vomiting.

Whatever the amount of product ingested, do not eat and do not drink.

Install the victim in lateral safety position and protect it from injury in case of sudden movement or convulsion.

Monitor the victim's breath.

In cases of acute distress, contact the nearest poison centre.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

Assure fresh air breathing

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

Cardiac arrhythmias

Convulsions

In case of severe poisoning, central nervous system depression, hypotension, bradycardia and hypothermia may occur.

Unconsciousness

Diminished responsiveness

Drowsiness

Inebriation

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

Treatment:

Contains a rodenticide which is a depressant of the nervous system and a convulsant .  
Bronchial obstruction early. Treatment is symptomatic, there is no antidote.

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**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

Suitable extinguishing media:

Water.

Carbon dioxide (CO<sub>2</sub>).

Extinguishing media which must not be used for safety reasons:

None in particular.

**5.2. Special hazards arising from the substance or mixture**

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

**5.3. Advice for firefighters**

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

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**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

**6.2. Environmental precautions**

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand.

**6.3. Methods and material for containment and cleaning up**

Rapidly recover the product. To do so, wear a mask and protective clothing.

Wash with plenty of water.

**6.4. Reference to other sections**

See also section 8 and 13

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**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

**7.2. Conditions for safe storage, including any incompatibilities**

Store in the original container

Keep out of reach of children

Keep away from food and drink and animal feeding stuffs

Keep away from sources of ignition, heat and direct sunlight

Keep away from food, drink and feed.  
 Incompatible materials:  
     None in particular.  
 Instructions as regards storage premises:  
     Adequately ventilated premises.

**7.3. Specific end use(s)**

None in particular

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

No occupational exposure limit available  
 DNEL Exposure Limit Values  
     N.A.  
 PNEC Exposure Limit Values  
     N.A.

**8.2. Exposure controls**

Eye protection:  
     None  
 Protection for skin:  
     No special clothing / skin protection equipment is recommended under normal conditions of use.  
     Avoid contact with skin  
 Protection for hands:  
     Amateurs and non-professionals: the gloves are recommended. Professionals : The gloves are mandatory.  
     Wash hands after handling.  
 Respiratory protection:  
     Not applicable  
 Thermal Hazards:  
     None  
 Environmental exposure controls:  
     Prevent access to children, pets and non-target animals.  
     Avoid release in watercourses and sewers  
     Place baits in areas not submersible and weatherproof.

**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

Appearance and colour:	Black Grain
Odour:	Light
Odour threshold:	N.A.
pH:	N.A.
Melting point / freezing point:	N.A.
Initial boiling point and boiling range:	N.A.
Solid/gas flammability:	N.A.
Upper/lower flammability or explosive limits:	N.A.
Vapour density:	N.A.
Flash point:	N.A.
Evaporation rate:	N.A.
Vapour pressure:	N.A.
Relative density:	N.A.
Solubility in water:	N.A.
Solubility in oil:	N.A.

Partition coefficient (n-octanol/water):	N.A.
Auto-ignition temperature:	N.A.
Decomposition temperature:	N.A.
Viscosity:	N.A.
Explosive properties:	N.A.
Oxidizing properties:	N.A.

**9.2. Other information**

Miscibility:	N.A.
Fat Solubility:	N.A.
Conductivity:	N.A.
Substance Groups relevant properties	N.A.

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

Stable under normal conditions.

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

N.A.

**10.4. Conditions to avoid**

Stable under normal conditions.

**10.5. Incompatible materials**

None in particular.

**10.6. Hazardous decomposition products**

None.

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

Toxicological information of the mixture:

**BLACK PEARL GRAIN**

- a) acute toxicity:  
Test: LD50 - Route: oral - Species: Rat : > 5000 mg/Kg
- b) skin corrosion/irritation:  
Test: Skin Irritant - Route: dermal - Species: Rabbit - Slight to mild irritation.  
Always reversible.
- c) serious eye damage/irritation:  
Test: Eye Irritant - Route: ocular - Species: Rabbit - Slight to mild irritation.  
Always reversible.

Toxicological information of the main substances found in the mixture:

Chloralose Technical Grade - CAS: 15879-93-3

- a) acute toxicity:  
Test: LD50 - Route: oral - Species: Rat : = 400 mg/Kg - Source: The Pesticide Manual
- b) skin corrosion/irritation:  
Test: Skin Irritant - Species: Rabbit : No
- c) serious eye damage/irritation:  
Test: Eye Irritant - Species: Rabbit : No

- d) respiratory or skin sensitisation:  
Test: Skin Sensitization - Species: Guinea Pig : No

If not differently specified, the information required in Regulation 453/2010/EC listed below must be considered as N.A.:

- a) acute toxicity;
- b) skin corrosion/irritation;
- c) serious eye damage/irritation;
- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) STOT-single exposure;
- i) STOT-repeated exposure;
- j) aspiration hazard.

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## **SECTION 12: Ecological information**

### **12.1. Toxicity**

Adopt good working practices, so that the product is not released into the environment.  
Chloralose Technical Grade - CAS: 15879-93-3

- a) Aquatic acute toxicity:  
Endpoint: EC50 Daphnia = 100 mg/L - Duration h: 48  
Endpoint: EC50 Algae = 100 mg/L - Duration h: 72

### **12.2. Persistence and degradability**

N.A.

### **12.3. Bioaccumulative potential**

N.A.

### **12.4. Mobility in soil**

N.A.

### **12.5. Results of PBT and vPvB assessment**

vPvB Substances: None - PBT Substances: None

### **12.6. Other adverse effects**

None

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## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

Recover if possible. In so doing, comply with the local and national regulations currently in force.

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## **SECTION 14: Transport information**

### **14.1. UN number**

Not classified as dangerous in the meaning of transport regulations.

### **14.2. UN proper shipping name**

N.A.

### **14.3. Transport hazard class(es)**

N.A.

**14.4. Packing group**

N.A.

**14.5. Environmental hazards**

N.A.

**14.6. Special precautions for user**

N.A.

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

N.A.

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**SECTION 15: Regulatory information**

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

Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances)  
Dir. 99/45/EC (Classification, packaging and labelling of dangerous preparations)  
Dir. 98/24/EC (Risks related to chemical agents at work)  
Dir. 2000/39/EC (Occupational exposure limit values)  
Dir. 2006/8/EC  
Regulation (EC) n. 1907/2006 (REACH)  
Regulation (EC) n. 1272/2008 (CLP)  
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013  
Regulation (EU) n. 453/2010 (Annex I)  
Regulation (EU) n. 286/2011 (ATP 2 CLP)

Restrictions related to the product or the substances contained according to Annex XVII  
Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

No restriction.

Restrictions related to the substances contained:

No restriction.

Where applicable, refer to the following regulatory provisions :

Directive 2003/105/CE ('Activities linked to risks of serious accidents') and subsequent amendments.

Regulation (EC) nr 648/2004 (detergents).

1999/13/EC (VOC directive)

Provisions related to directives 82/501/EC(Seveso), 96/82/EC(Seveso II):

N.A.

**15.2. Chemical safety assessment**

No

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**SECTION 16: Other information**

Full text of phrases referred to in Section 3:

R20/22 Harmful by inhalation and if swallowed.

H332 Harmful if inhaled.

H302 Harmful if swallowed.

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre,  
Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van  
Nostrand Reinold  
CCNL - Appendix 1

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
CSR:	Chemical safety report
DNEL:	Derived No Effect Level.
EC50:	
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
LTE:	Long-term exposure.
N.A.:	Not available
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE:	Short-term exposure.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
UN:	United Nations
WGK:	German Water Hazard Class.