

Reanal Private Ltd.

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1. Identification of the substance and the company

Product name: **Chlorophacinone 0.25% (m/V) oil concentrate**Synonyms: **Redentin OC 0.25% w/V**

CAS-No:

EU-No:

REANAL Product Number: **27592**Company identification: **Reanal Private Ltd.**

Address: HUNGARY, H-1147 Budapest, Telepes u. 53.

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2. Hazard statements

Hazard symbols and-signs:

N



N.bmp

Dangerous for the environment

Xn



X.bmp

Harmful

Risk phrases:

21/22 Harmful in contact with skin and if swallowed.

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. Composition / Information on ingredients

Molecular formula: **N/A**

CAS No.:

Relative molecular weight: **N/A**

EU No.:

Active ingredient: **Chlorophacinone 0.25 m/V% CAS: 3691-35-8**

Composition:

White oil ---

Sudan red solution ---

Tridodecylamine 102-87-4

4. First aid measures

General:

Remove victim from the exposed area immediately, if necessary make lay him/her comfortable and loosen tight clothing. Remove contaminated clothing and shoes immediately. Cover up injured person, do not allow to cool. Wash contaminated clothing before reuse. Call a physician!

Antidote of the active agent (chlorophacinone) is K1 vitamine (available as intravenous injection or chewing tablets with phytomenadionum active agent).

Keep patient strictly in rest as continued movement enhances the effect of cholinesterase inhibition.

After swallowing:

If swallowed, wash out mouth with water provided person is conscious. Let the patient drink 0.3-0.6 liter water and activated carbon. Induce vomiting, repeat it 2-3 times. Finally give activated carbon with salted water and laxative. Never give anything by mouth to an unconscious person.

Do not give milk, fat, oil, alcoholic beverage!

After inhalation:

Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

After eye contact:

In case of contact immediately flush eyes with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelid with fingers. Drop 8-10 drops of 1% Lidocain solution into the eye. Get medical attention if irritation persists.

After skin contact:

In case of skin contact, immediately wash skin soap and copious amount of water.

Notes to the physician:

Antidote: vitamin K1. If the acute toxic effect is survived, the chances of complete recovery are very good provided that subdural haemorrhages or vascular lesions in other tissues do not produce secondary effects.

5. Fire fighting measures

Combustible. Use water spray, carbon dioxide, dry chemical powder, or polymer foam extinguisher. Emits toxic fumes under fire conditions. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Use water spray to cool containers under fire conditions. Use extinguishing media appropriate to surrounding fire conditions.

6. Accidental release measures

Close and evacuate contaminated area. Do not allow contamination to get to drain or in any surface water. Only authorised person can order the decontamination. Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Absorb on sand or vermiculite and place in closed container for disposal. Dispose of this material and its container at hazardous or special waste collection point. Ventilate area and wash spill site after material pickup is complete.

7. Handling and storage

Containers out of use keep closed. Store in labelled container, in a cool, dry place protected from frost and heat. Light sensitive.

Do not store near foodstuffs, drink, animal feeding stuffs and source of heat or open flame. Stow away on carriage from food and feedstuffs.

Storage temperature: 15-25 °C

8. Exposure controls / Personal protection

Exposure controls:

Avoid contact with eyes, skin and clothing. Do not breathe vapour. When working do not eat, drink or smoke. Take care of bathing facilities with warm water after work. Safety shower and eye bath are required. Wash thoroughly after handling.

Personal protective equipment:

Protective clothing.

Eye protection:

Chemical safety goggles.

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Hand protection:

Chemical-resistant rubber gloves.

Respiration protection:

Respirator.

Specific control parameters

MAK (mg/m³): **N/A**

9. Physical and chemical properties

Appearance:	red oily liquid
Form:	liquid
Colour:	dark, deep red
Solubility in water [°C]:	insoluble
Viscosity (dynamic, 20°C) [mPa*s]:	24.6-31.5
Flash point [°C]:	>160
Ignition temperature [°C]:	>240

10. Stability and reactivity

Decomposition products:

Carbon dioxide, carbon-monoxide, toxic fumes of chlorine.

11. Toxicological information

Acute toxicity:

Harmful if swallowed, inhaled or absorbed through skin. Internal bleeding can occur in the organism, the level of prothrombin is decreasing, resulting in abnormal clotting. Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes and skin. Inhalation may result in spasm, inflammation and edema of the larynx and bronchi, chemical pneumonitis and pulmonary edema. Symptoms of exposure may include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea and vomiting, abnormal clotting, bruising or bleeding.

Target organ(s): blood.

Chronic effects: possible risk of congenital malformation in the foetus.

Toxicity data:

ORL-male rats LD50: 4385 µl/kg

DERM-rabbits LD50: > 2000 mg/kg

12. Ecological information

WGK (German Water Hazard Classification): **0**

Further ecological data:

Ecotoxicity data:

ORL-female pheasants LD50: 177 mg/kg

ORL-male/female ducks LD50: 147 mg/kg

Toxicity on water life:

EC50 (Brachidanio rerio): > 100 mg/L

EC50 (Daphnia magna): >100 mg/L

13. Disposal information

Dispose of in a pesticide approved incinerator for chemicals equipped with an afterburner and scrubber for emission in accordance with national and regulations.

Unused material, used packing material should be incinerated in a special furnace designed for this purpose.

Chemicals must be disposed of in compliance with the respective national regulations.

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14. Transport information

ADR/RID: 6.1. II.
IMDG: 6.1 III
IATA: 6.1 III
UN: 2810
CAO: 914
PAX: 914

15. Regulatory information

Hazard symbols:

N Dangerous for the environment
Xn Harmful

Risk phrases:

21/22 Harmful in contact with skin and if swallowed.
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases:

1 Keep locked up.
13 Keep away from food, drink and animal feeding stuffs.
36/37 Wear suitable protective clothing and gloves.
45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Labelling according to EC Directives.

16. Other information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Reanal shall not be held liable for any damage resulting from handling or from contact.