

Reanal Finechemical Co.

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1. Identification of the substance and the company

Product name: **Chlorophacinone 1.0% w/V oil concentrate**

CAS-No:

EU-No:

REANAL Product Number: **27593**Company identification: **REANAL Finechemical Co.**

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

Tel.: (36-1) 467-7500

Fax.: (36-1) 252-1339

2. Composition / Information on ingredients

Molecular formula: **N/A**Relative molecular weight: **N/A**Active ingredient: **Chlorophacinone**

Composition:

Parrafin oil	8012-95-1	94,8w/w%
Sudan red solution		2,79w/w%
Tridodecylamine	102-87-4	1,62w/w%
Chlorophacinone	3691-35-8	1w/V%

3. Hazard statements

Hazard symbols and-signs:

N



Dangerous for the environment

T



Toxic

Risk phrases:

24/25 Toxic in contact with skin and if swallowed.

33 Danger of cumulative effects.

48/24/25 Toxic: danger of serious damage to health by prolonged exposure in contact with skin and if swallowed.

55 Toxic to fauna.

4. First aid measures

General:

Remove exposed person from the contaminated 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. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Wash contaminated clothing before reuse. Call a physician!

After swallowing:

If swallowed, wash out mouth with water provided person is conscious. Antidote: vitamin K₁.

After inhalation:

Transfer to fresh air.

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 eyelids with fingers.

After skin contact:

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

5. Fire fighting measures

Combustible. Use water spray, carbon dioxide, dry chemical powder, alcohol or polymer foam extinguisher. Emits toxic fumes under fire conditions. 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. Only authorised person may order the decontamination. Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves. Absorb on sand or vermiculite and place in closed container for disposal. Ventilate area and wash spill site after material pickup is complete.

7. Handling and storage

Keep containers out of use tightly closed. Store in labelled container in a cool, dry place.

Storage temperature: 15-25 °C

8. Exposure controls / Personal protection

Exposure controls:

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

Personal protective equipment:

Protective clothing.

Eye protect:

Chemical safety goggles.

Hand protect:

Chemical-resistant rubber gloves.

Respiration protection:

Gas-mask or respirator.

Specific control parameters

MAK (mg/m³):

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9. Physical and chemical properties

Form:	liquid
Colour:	red
Solubility in water [°C]:	not soluble
Viscosity (dynamic, 20°C) [mPa*s]:	25-35
Flash point [°C]:	>160
Ignition temperature [°C]:	>240

10. Stability and reactivity

Decomposition products:

Decomposition products:

When heated it emits toxic fumes of chlorine.

11. Toxicological information

Acute toxicity:

Harmful if swallowed, inhaled or absorbed through skin. Anticoagulant. Lowering of prothrombine level and internal bleeding can occur, clotting mechanism becomes abnormal. 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.

Toxicity data:

Chlorophacinone:

ORL-RAT LD₅₀: 2100 µg/kgORL-MUS LD₅₀: 1060 µg/kg

12. Ecological information

WGK (German Water Hazard Classification): 0

13. Disposal information

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

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ADR/RID: 6.1. III.
IMDG: 6.1/I. Ems: 6.1-02
MFAG: 500
IATA: 6.1/I. CAO: 604
PAX: 603
UN: 2996

15. Regulatory information**Hazard signs:**

N Dangerous for the environment
T Toxic

Risk phrases:

24/25 Toxic in contact with skin and if swallowed.
33 Danger of cumulative effects.
48/24/25 Toxic: danger of serious damage to health by prolonged exposure in contact with skin and if swallowed.
55 Toxic to fauna.

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.