



SAFETY DATA SHEET

GRASSTRAC (HUK0347)

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Revision No: 1

Sent to: Yara UK

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: GRASSTRAC (HUK0347)

Product code: HUK0347

Use / description of product: For professional use in agriculture. See label for details. No significant hazard.

Company name: Yara Phosyn Ltd.

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: COPPER COMPOUND 57% CU 1-5%

EINECS: 215-572-9 CAS: 1332-40-7

[Xn] R22; [Xi] R36/37/38

- ZINC OXIDE 1-5%

CAS: 1314-13-2

[N] R50/53

Contains: COBALT HYDROXIDE: >0.1%, <1% : [Xn] R22-42, [Xi] R43

3. HAZARDS IDENTIFICATION

Main hazards: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Consult a doctor.

[cont...]

5. FIRE-FIGHTING MEASURES

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

Exposure hazards: In combustion emits toxic fumes.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details.

Environmental precautions: Do not discharge into drains or rivers.

Clean-up procedures: Wash the spillage site with large amounts of water.

7. HANDLING AND STORAGE

Handling requirements: Avoid the formation or spread of dust in the air.

Storage conditions: Store in cool, well ventilated area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: COPPER COMPOUND 57% CU

WEL (8 hr exposure limit): 1mgm-3 (Cu) WEL (15 min exposure limit): 2mgm-3 (Cu)

- ZINC OXIDE

WEL (8 hr exposure limit): 10 mg m-3

Respirable dust: ZINC OXIDE

WEL (8 hr exposure limit): 4 mg m-3

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protective device with particle filter. Particle filter class P2S (EN143).

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Granules

Colour: Pale green

Odour: Odourless

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Partially soluble

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat.

Materials to avoid: Strong oxidising agents. Strong acids.

Haz. decomp. products: In combustion emits toxic fumes.

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11. TOXICOLOGICAL INFORMATION

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Mobility: The product is partially soluble in water.

Persistence and degradability: All nutrients present are fundamentally inorganic and persistent.

Bioaccumulative potential: The product is designed to accumulate elements within grass to the benefit of grazing animals.
There is no adverse bioaccumulation potential in mammals where the product has been used as recommended.

Other adverse effects: Harmful to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION**ADR / RID**

UN no: -

Shipping name: NOT CLASSIFIED AS DANGEROUS IN THE MEANING OF TRANSPORT REGULATIONS.

IMDG / IMO

UN no: -

IATA / ICAO

UN no: -

15. REGULATORY INFORMATION

Hazard symbols: Symbol not required.

Risk phrases: R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Precautionary phrases: Contains cobalt hydroxide. May produce an allergic reaction.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Other information: Other risk phrase used in Sec.2:

R42: May cause sensitisation by inhalation.

R43: May cause sensitisation by skin contact.

Risk phrases used in s.2: R22: Harmful if swallowed.

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R36/37/38: Irritating to eyes, respiratory system and skin.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.