

(91/155/EEC) **MATERIAL SAFETY DATA SHEET**

**1. PRODUCT AND COMPANY IDENTIFICATION**

DATE 01/03/05

PRODUCT NAME : **AGROCEAN 6.5.5.**

SUPPLIER – MANUFACTURER : AGROCEAN  
Prat Menan - BP 29  
29880 PLOUGUERNEAU - FRANCE  
Tel : (33) 02 98 04 54 11  
Fax : (33) 02 98 04 55 15

EMERGENCY CALLING: Orfilla (33) 01 45 42 59 59  
Anti-Poison Center (Rennes) (33) 02 99 59 22 22

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Description of the preparation : NITROGEN (6%) PHOSPHOR (2.2%) POTASSIUM (4%)

Constituents : Potassium Nitrate (10 à 12% weight/weight)  
C.A.S. N°: 7757-97-1  
EC (EINECS) N°: 231-818-8

**3. HAZARD IDENTIFICATION**

Do not to throw directly to the sewer.

**4. FIRST AID MEASURES**

**Inhalation :** Supply person with fresh air.  
**Eyes :** Rinse with a lot of water 15 minutes and seek medical attention.  
**Skin :** Remove the soiled clothes and rinse with water. In case of itch and redness seek medical advice.  
**Ingestion :** Immediately rinse out mouth and drink plenty of water. In case of indisposition seek medical advice. Do not induce vomiting.

**5. FIRE – FIGHTING MEASURES**

**Appropriate method of extinction :** All the extinguishing media are possible  
**Specific hazards :** Possible release of toxic fumes (NH<sub>3</sub>, Pox and Nox).  
Collect separately waters of extinction.  
**Protection of fire-fighting personal :** Breathing apparatus.

**AGROCEAN 6.5.5.**

## 6. MANAGEMENT OF ACCIDENTAL DISPERSION

**Individual protections :** Avoid contact with eyes and skin. Use a respiratory mask, rubber or latex gloves and safety goggles.

**Methods of cleaning :** Absorb the product with absorbent compounds. Flush with water and recover the flush water. Do not throw directly to the sewer.

## 7. HANDLING AND STORAGE

**Handling :** Use a respiratory mask, rubber or latex gloves and safety goggles.

**Storage :** Keep the product into closed original container. Store out frost and excessive heat.

**Packaging :** 1000 liters tanks or 5 liters cans.

## 8. CONTROL OF INDIVIDUAL EXPOSURE

**Technical measure:** Work in fresh air.

**Exposition limit values:** None

**Respiratory protection :** Respiratory mask.

**Protection of the skin :** Over is recommended.

**Protection of the eyes :** Safety goggles.

**Necessary hygiene restrictions:** Wash hands with water after handling the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Aspect:** Green liquid

**Smell:** Characteristic

**Density:** 1.2

**pH:** 7.5 average

**Solubility:** Soluble in water in all proportions

**Melting point:** Not applicable

**Boiling point:** Not defined

**Temperature of decomposition:** Not defined

**Vapour pressure:** Not applicable

**Explosive hazard:** Not explosive

**Combustive properties:** Not combustive

## 10. STABILITY AND REACTIVITY

**Condition to be avoided :** None

**Hazardous decomposition products :** In case of fire formation of CO, CO<sub>2</sub>, Nox and Pox.

AGROCEAN 6.5.5.

**11. TOXICOLOGICAL DATA**

**Acute toxicity (on potassium nitrate pure):** Oral way: LD 50 rat: 3750mg/kg.  
Skin way: LD 50 rabbit: no data.  
**Cutaneous irritation:** Risk of cutaneous allergy if the handling is repeated  
**Ocular irritation:** Very irritating, redness, watering.  
**Ingestion:** No data

**12. ECOLOGICAL DATA**

(on potassium nitrate pure)

**Acute ecotoxicity:** Fish LC50 96 hours: 7700 mg/l.  
Crustacean CE50 48 hours: 490 mg/l  
Plankton: CE50/0.5 H: 200/1000 mg/l  
**Mobility :** Water : high solubility.  
Soil/Sediment: adsorption on the soil mineral and organic constituents.

**13. DISPOSAL AND DESTRUCTION INFORMATION**

Operating in accordance with local and state laws.  
Do not throw directly to the sewer.  
Destroy the packaging according to national or local legislation.

**14. SHIPMENT INFORMATION**

Not listed as hazardous substance

**15. REGULATORY INFORMATION**

**Symbol :** none  
**S (phrases):** **S2:** Keep out of reach of children.  
**S23:** Do not breathe sprayings.  
**S24:** Avoid the contact with skin  
**S26:** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**16. OTHERS INFORMATIONS**

This sheet completes the technical leaflet but doesn't replace it. The information written here above are based on our relative knowledge to the concerned product, at the time of writing this safety data sheet. They are honestly written. A list of the main regulation, legislation and administrative texts can be joined to this sheet as indication. The use of the product for others purposes than those indicated on the label may present a risk.