

KIT DOUCEUR & KLOR 18-30m3 (LIQUID PART)

1 - IDENTIFICATION OF THE SUBSTANCE :

NAME **KIT DOUCEUR & KLOR 18-30m3 LIQUID PART - ALGAECIDE**

USES Multifunction preventive algaecide product for swimming pool water treatment.

MANUFACTURER **MAREVA PISCINES ET FILTRATION**
Z.I. du bois de Leuze -13 310 SAINT MARTIN DE CRAU - France
Tel : 33 - 04.90.47.47.90 - Fax : 33 - 04.90.47.95.07

e-mail of the person in charge for the Safety Data Sheet: tech@mareva.fr

Emergency dial number +33 (0)4.91.75.25.25 (Poison Control Center of Marseilles)

2 - HAZARDS IDENTIFICATION :

MAIN HAZARDS FOR HUMANS

The preparation is irritating to eyes (before dilution)

The preparation is acidic and may cause irritations in case of long contact of product with skin.

THE PRODUCT IS VERY HAZARDOUS FOR THE ENVIRONMENT

3 - COMPOSITION / INFORMATION ON COMPONENTS :

ACTIVE SUBSTANCES Algaecide + Calcium, magnesium and metals sequestering agents

Classification of the components used in this preparation

A) 15 to 25% of POLYMERIZED QUATERNARY AMMONIUM at 60%

CAS. N° = 25988-97-0 *Classification : Xn , N R22, R36, R50/53*

B) < 10% of PHOSPHONIC ACID at 50%

CAS N°: 6419-19-8 EC N° : 229-146-5 *Classification : Xi, R36*

C) < 7% of soda lye at 30%

CAS N° : 1310-73-2 EC N° : 215-185-5 *Classification : C, R35*

4 - FIRST AID MEASURES:

CONTACT WITH EYES Wash immediately with plenty of water for 15 minutes.
Seek medical advice.

INGESTION Rinse mouth. Give 3 or 4 glasses of water.
Do not induce vomiting. Seek medical advice immediately.
Never give anything to drink or eat to an unconscious victim.

CONTACT WITH SKIN Wash with plenty of water.

INHALATION -

5 - FIRE FIGHTING MEASURES :

SPECIFIC DANGERS None
EXTINGUISHING MEANS All fire fighting means are authorized.

6 - ACCIDENTAL RELEASE MEASURES :

PERSONAL PRECAUTIONS Wear gloves and goggles
CLEANING METHOD Contain and pick up leak with neutral absorbing materials (sand, earth, diatomaceous earth...) in tanks for waste disposal (specialized treatment center).

If possible, rinse the contaminated ground with water, suck and collect cleaning waters. Send them to a specialized treatment center.
Prevent product from going into sewer, rivers, rainwater networks...
If the product contaminates water tables, rivers or sewer, warn competent authorities according to regulatory procedures.

7 - HANDLING AND STORAGE :

HANDLING Avoid causing fog, avoid contact with skin and eyes.
STORAGE Wash hands after use. Do not drink, eat or smoke during use.
 In original, well closed container.

8 - EXPOSURE CONTROLS - PERSONAL PROTECTION :

Occasional handling of the product: gloves and goggles recommended.
Repeated or continued handling of the product: work clothes covering body and limbs, and wear gloves and goggles.

GENERAL HYGIENE MEASURES : Keep away from foodstuff, beverages and animal feedingstuff.

9 - PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL STATE : blue liquid
ODOUR : slightly organic
pH at 25°C : 3.0 to 4.0
DECOMPOSITION TEMPER. : ca. 100 °C (beginning of water evaporation)
FLAMMABILITY : -
EXPLOSIVITY : -
VOLUMIC MASS : 1020 kg/m³
SOLUBILITY IN THE WATER : soluble in the water in all proportions.

10 - STABILITY AND REACTIVITY :

STABILITY The preparation is stable in normal conditions.
REACTIVITY Despite its low pH (pH = ca. 3.5) this preparation may not have violent reactions with alkaline products.

SAFETY DATA SHEET:
LIQUID PART (DOUCEURLOR 18-30M3)

15 - REGULATORY INFORMATION: (conform to the orders of 20 april 1994 and/or 21 february 1990 and adaptations, dealing with classification and labelling of hazardous substances and preparations)

Danger symbols

Xi - Irritant and **N** - Hazardous for the environment



Xi - Irritant



N - Dangereux pour l'environnement

R phrases

- 36 - Irritating to eyes
- 50 / 53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S phrases

- 2 - Keep out of the reach of children
- 24 / 25 - Avoid contact with skin and eyes
- 26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- 29 - Do not empty into drains.
- 46 - If swallowed, seek medical advice immediately and show this container or label.

16 - ADDITIONAL INFORMATION :

Indications on the classification of the components used in the formulation:

R 22 : Harmful if swallowed

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

Additional information

The information contained in this safety data sheet are based on our knowledge and mail legal and regulatory texts related to the product, and promulgated at the date of updating of this document. This safety data sheet was written and must be used only for this product. See instructions for use on labels or seek information from your professional retailer.

Combined Nomenclature (INTRASTAT) for customs statistics

= 380894100