

KIT DOUCEUR & KLOR 30-60m3 (LIQUID PART)

1 - IDENTIFICATION OF THE SUBSTANCE :

NAME **KIT DOUCEUR & KLOR 30-60m3 - LIQUID PART - ALGAECIDE**

USES Multifunction preventive algaecide product for swimming pool water treatment.

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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 the product with skin.

THE PRODUCT IS HAZARDOUS FOR THE ENVIRONMENT

3 - COMPOSITION / INFORMATION ON COMPONENTS :

ACTIVE SUBSTANCES Algaecide + Calcium, magnesium and metals sequestering agent

Classification of the components used in this preparation

A) 25 to 35% of POLYMERIZED QUATERNARY AMMONIUM at 60%

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

B) < 13% of PHOSPHONIC ACID at 50%

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

C) < 9% of soda lye at 30%

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

D) < 1,5% of copper sulphate

CAS N° : 7758-98-7 EC N° : 231-847-6 Classification : Xn, N, R36/38-50/53-22

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 to drink.
Do not induce vomiting. Seek medical advice immediately.
Never give anything to eat or drink 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 METHODS	Contain and pick up leaks 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. Wash hands after use. Do not drink, eat or smoke during use.
STORAGE	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.	: c. 100 °C (beginning of water evaporation)
FLAMMABILITY	: -
EXPLOSIVITY	: -
VOLUMIC MASS	: 1020 kg/m ³
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 cause violent reactions with alkaline products.

11 - TOXICOLOGICAL INFORMATION :

The product is irritating to eyes (before dilution)
It may be irritating to sensitive skins, in case of long contact.

12 - ECOLOGICAL INFORMATION:

The product is toxic to aquatic organisms; it may have long-term adverse effects on the environment.

Do not release pure product in the environment (sewer, rivers, ...).

13 - DISPOSAL INFORMATION :

WASTE Recycle or dispose of according to regulations in force. Do not contaminated the ground or water with waste. Do not dispose of in the environment.

CONTAMINATED PACKAG. Rinse several packaging several times with water before disposal
Dispose of according to regulations in force.

14 - TRANSPORT INFORMATION :

UN N° : 3082 HAZARDOUS FOR THE ENVIRONMENT, LIQUID, N.O.S. (cationic polymer)

ROAD TRANSPORT Class = 9 - Packaging group = III - Danger label = 9 - Danger
SEA TRANSPORT code n° = 90

This product may, in some cases, be exempted (packaging in **Limited Quantities LQ7 = 5L**)

15 - REGULATORY INFORMATION: (conform to EC regulation n°1272/2008 (GHS))

Classification and labelling Eye irritation cat2
Chronical danger for the aquatic life cat1



WARNING

Danger phrases
H319 Causes serious eye irritation
H410 Very toxic to aquatic life with long lasting effects

Caution advice - Prevention
P102 Keep out of reach of children
P264 Wash hands thoroughly after handling
P280 Wear protective gloves/protective clothing/eye protection/face protection
P273 Avoid release to the environment

Caution advice - Response
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337+P313 If eye irritation persists: Get medical advice/attention.

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 symbol

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 aquatic 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

= 2925.20.00