

SAFETY DATA SHEET**MAKS 6130**

According to Regulation (EC) No. 1907/2008

Issue Date: 30.08.2015

Revision Date: 14.01.2019

Version: 02

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

PRODUCT NAME MAKS 6130
APPLICATION CATIONIC POWDER FLOCCULANT
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2 HAZARD IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE: Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. This substance is not classified as dangerous according to Directive 67/548/EEC.

LABEL ELEMENTS: The product does not need to be labelled in accordance with EC directives or respective national laws.

PRECAUTIONARY STATEMENT(S):

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340: IF INHALED Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/ physician.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

4 FIRST AID MEASURES

INHALATION: Ventilate the premises. The patient is to be removed immediately from the premises contaminated and made to rest in a well ventilated area. Should the patient feel unwell, consult a physician.

SKIN CONTACT: Wash immediately with water for at least 15 minutes. If irritation persists, obtain medical examination.

EYE CONTACT: Wash immediately with water for at least 15 minutes. If irritation persists, obtain medical examination.

INGESTION: Drink slowly about 750 ml of water; then 250 ml every 10 minutes. Obtain medical examination immediately, showing the safety data sheet. Do not give anything to drink if the patient is unconscious. Do not induce vomiting.

5 FIRE FIGHTING MEASURES

FLASH POINT: None

EXTINGUISHING MEDIA: Water, CO2, Foam, Chemical powders, according to the materials involved in the fire.

FIRE AND EXPLOSION HAZARD: Avoid inhaling the fumes.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTING: Use protection for the respiratory tract.

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6 ACCIDENTAL RELEASE MEASURES**PERSONAL PRECAUTIONS:** Do not inhale dust. The product is very slippery when wet. Use gloves and protective clothing.**METHODS FOR CLEANING UP:**

If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.

Recover the product with a vacuum cleaner or a damp cloth. Do not sweep up to avoid creation of airborne dust. Recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material. After the product has been recovered, rinse the area and materials involved with water.

ENVIRONMENTAL PRECAUTIONS: Avoid airborne dust formation: danger of explosion in case of electrostatic discharges or sparks occur. Limit leakages with earth or sand.**7 HANDLING AND STORAGE****HANDLING:** Avoid contact and inhalation of the vapours. See, too, paragraph 8 below. Do not smoke while working. Do not eat or drink while working.**STORAGE CONDITIONS:** Keep away from water or from damp surroundings.

Do not use iron, copper or aluminium containers, piping or devices because the solution can corrode them.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION**OCCUPATIONAL EXPOSURE LIMITS:** This product does not contain any substance that has an established exposure limit.**ENGINEERING MEASURES:** Give adequate ventilation to the premises where the product is stored and/or handled.**RESPIRATORY PROTECTION:** Ensure a good ventilation on the working place. If the dust concentration is high anyway, use adequate protection devices (EN 149 FFP2S).**HAND PROTECTION:** Use protective gloves, rubber or PVC.**EYE PROTECTION:** Wear safety goggles.**SKIN PROTECTION:** No special precaution must be adopted for normal use.**HYGIENE RECOMMENDATIONS:** Keep a safety shower available. If clothing is contaminated, remove clothing and thoroughly wash the affected area. Launder contaminated clothing before reuse. Keep an eye wash fountain available.**9 PHYSICAL AND CHEMICAL PROPERTIES****PHYSICAL STATE:** Powder**APPEARANCE:** White**ODOR:** None**SPECIFIC GRAVITY:** $0.75 \pm 0.02 \text{ g/cm}^3$ **SOLUBILITY IN WATER:** Soluble**BULK DENSITY:** 700 - 900 g/L**NOTE:** These physical properties are typical values for this product and are subject to change.

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10 STABILITY AND REACTIVITY**STABILITY:** Stable under normal conditions.**HAZARDOUS POLYMERIZATION:** Hazardous polymerization will not occur.**CONDITIONS TO AVOID:** The product is an organic powder. Danger of explosion in presence of airborne dust and electrostatic discharge or sparks.**MATERIALS TO AVOID:** Avoid contact with reactive chemicals.**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon oxides.**11 TOXICOLOGICAL INFORMATION**

The concentration of each substance should be borne in mind in assessing the toxicological effects deriving from the preparation. Set out below is the toxicological information relating to the main substances in the preparation.

ACUTE TOXICITY: LD50 oral, rat > 2000 mg/Kg**12 ECOLOGICAL INFORMATION**

Adopt sound working practices, so that the product is not released into the environment. The product is strongly bonded to sludges.

TOXICITY: LC50 >100 mg/l Daphnia magna, 48 h

The consequences on aquatic organisms come from the cationic charge of the polymer (non systemic effect). In natural water the charge is neutralized by adsorption on organic particles. This phenomena reduces of 100 times the water toxicity.

13 DISPOSAL CONSIDERATIONS

Recover if possible. In so doing, comply with the local and national regulations currently in force. Where applicable, refer to the following regulatory provisions: 91/156/EEC, 91/689/EEC, 94/62/EC and subsequent amendments.

14 TRANSPORT INFORMATION**UN NUMBER:****ADR/RID:** -**IMDG:** -**IATA:** -**UN PROPER SHIPPING NAME****ADR/RID:** Not dangerous goods**IMDG:** Not dangerous goods**IATA:** Not dangerous goods**TRANSPORT HAZARD CLASS(ES)****ADR/RID:** -**IMDG:** -**IATA:** -**PACKAGING GROUP****ADR/RID:** -**IMDG:** -**IATA:** -**ENVIRONMENTAL HAZARDS****ADR/RID:** no**IMDG Marine pollutant:** no**IATA:** no**SPECIAL PRECAUTIONS FOR USER:** No data available.

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15 REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE: No data available.

CHEMICAL SAFETY ASSESSMENT: No data available.

16 OTHER INFORMATION

This product material safety data sheet provides health and safety information. The product is to be used in applications consistent with our product literature. Individuals handling this product should be informed of the recommended safety precautions and should have access to this information. For any other uses, exposures should be evaluated so that appropriate handling practices and training programs can be established to insure safe workplace operations. Please consult your local sales representative for any further information.

EMERGENCY TELEPHONE NUMBER(S): 0216 321 32 16

SDS Authorized Person: ÇAĞLA KAYA ŞİMŞEK

Certificate Validity Date: 29.02.2023

Certificate No: GBF01.43.13