

QUASAR

DISINFECTANT FOR SWIMMING POOLS AND PROCESS WATER Medical-Surgical Device Reg. at the Ministry of Health n° 20121

PROPERTIES:

OXIDANT AGENT FOR CHLORINATION OF POOL WATER, DRINKING WATER, INDUSTRIAL AND WASTEWATER ADDED WITH ANTI PRECIPITATING AND ACTIVATING AGENTS CAPABLE OF PREVENTING THE UNWANTED EFFECTS OF CALCIUM AND MAGNESIUM SALT PRECIPITATION AS WELL AS OF ACTIVATING THE BIOCIDAL AND DISINFECTING PROPERTIES OF HYPOCHLOROUS ACID.

USE AND DOSAGE:

POOLS:

DOSE THE PRODUCT USING AN APPROPRIATE "FEEDER" OR FEEDING IT DIRECTLY TO THE SKIMMER.

DRINKING WATER:

DOSE THE PRODUCT USING AN APPROPRIATE "FEEDER" (DDS EVOLUTION/PLUS OR DDS 3000) OR PREDILUTE IT IN 5% SOLUTIONS AND DOSE USING AN APPROPRIATE METERING PUMP.

WASTE AND INDUSTRIAL WATER:

DOSE THE PRODUCT USING AN APPROPRIATE "FEEDER" OR PREDILUTE IT IN 5% SOLUTIONS AND DOSE USING AN APPROPRIATE METERING PUMP.

1 GRAM OF PRODUCT IN 1 CUBIC METRE OF WATER WILL INCREASE CHLORINE CONTENT OF 0.7 ppm.

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	WHITE TABLETS OR GRANULES
ODOR	CHLORINE
SOLUBILITY IN WATER AT 25°C	180 g/l
pH (1% solution) AT 25°C	10.4-10.8

CONTROLS:

THE PRODUCT CAN BE QUANTIFIED AND CHECKED THROUGH PDP REAGENTS.

WARNINGS AND HAZARDS IDENTIFICATION:

THE PRODUCT IS: **CORROSIVE, COMBURENT, DANGEROUS FOR THE ENVIROMENT**

HAZARD STATEMENTS:

H272 MAY INTENSIFY FIRE; OXIDISER.
H302 HARMFUL IF SWALLOWED.
H314 CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.
H318 CAUSES SERIOUS EYE DAMAGE.
H335 MAY CAUSE RESPIRATORY IRRITATION.
H400 VERY TOXIC TO AQUATIC LIFE.

PRECAUTIONARY STATEMENTS:

P102 KEEP OUT OF REACH OF CHILDREN.
P210 KEEP AWAY FROM HEAT, HOT SURFACES, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES. NO SMOKING.
P220 KEEP/STORE AWAY FROM CLOTHING/.../COMBUSTIBLE MATERIALS
P221 TAKE ANY PRECAUTION TO AVOID MIXING WITH COMBUSTIBLES
P260 DO NOT BREATHE DUST/FUMES/GAS/MIST/VAPOURS/SPRAY
P270 DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT.

P271 USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA.

P273 AVOID RELEASE TO THE ENVIRONMENT.

P501 DISPOSE OFF CONTENTS/CONTAINER IN ACCORDANCE WITH THE REGULATORY

CAUTION: DO NOT USE TOGETHER WITH OTHER PRODUCTS.
IT CAN PRODUCE HAZARDOUS GASES (CHLORINE)

EXPOSURE CONTROLS/ PERSONAL PROTECTION

RESPIRATOR: FACE MASK COMPLETE WITH POWDER AND CHLORINE FILTER
HAND PROTECTION: RUBBER GLOVES
EYE PROTECTION: TOTAL SAFETY GOGGLES
CLOTHING: PROTECTIVE CLOTHING, BOOTS
ADDITIONAL MEASURES: EYE WASH BOTTLES
TLV LIMITS: 1 mg/m³ TWA; 2 mg/m³ STEL

HANDLING AND STORAGE

HANDLE WEARING RUBBER GLOVES AND SAFETY GOGGLES. STORE AT ROOM-TEMPERATURE AND PROTECTED AGAINST DIRECT SUNLIGHT.
KEEP AWAY FROM COMBUSTIBLE SUBSTANCES.
AVOID CONTACT WITH ORGANIC MATTER.

FIRST-AID MEASURES

SKIN: REMOVE ANY CONTAMINATED CLOTHING IMMEDIATELY AND WASH THE AFFECTED AREAS WITH COPIOUS AMOUNTS OF FLOWING WATER.

EYE: WASH EYES WITH FLOWING WATER IMMEDIATELY, GENTLY PRIZING OPEN EYELIDS TO ENSURE EFFICIENT WASHING.
IF NECESSARY, ASK FOR A SPECIALIST'S EXAMINATION.

INGESTION: WASH OUT MOUTH WITH COPIOUS AMOUNTS OF WATER AND DRINK A LOT OF WATER.
SEEK MEDICAL HELP AS SOON AS POSSIBLE.

INHALATION OF POWDERS OR VAPORS: REMOVE THE PERSON TO AN UNCONTAMINATED AREA; IF THE PERSON'S BREATHE IS IRREGULAR OR INTERRUPTED, PRACTICE ARTIFICIAL RESPIRATION.
GET MEDICAL ATTENTION AS SOON AS POSSIBLE.

COMPOSITION:

AVAILABLE ACTIVE CHLORINE 70 %
ADDITIVES AND INHIBITORS MAX 1%

PACKAGING:

25 KG BUCKET

TRANSPORT INFORMATION:

TRANSPORT BY ROAD: UN 3487 HYDRATED CALCIUM HYPOCHLORITE, CORROSIVE OR HYDRATED MIXTURE OF CALCIUM HYPOCHLORITE, CORROSIVE, 5.1 II ADR.