

# SIGMA NB-225

ACCEPTED

MAY 14 1981

## ACTIVE INGREDIENT:

Potassium dimethyldithiocarbamate ..... 25.0%

INERT INGREDIENTS ..... 75.0%

This product contains 2.3 lb. of active ingredient per gallon and weighs 9.25 lb. per gallon.

## WARNING

**KEEP OUT OF REACH OF CHILDREN**

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**WARNING:** Causes eye damage and skin irritation. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Avoid contamination of food. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly after handling.

**STATEMENT OF PRACTICAL TREATMENT:** *In case of skin contact,* wash with plenty of soap and water. Remove contaminated clothing and wash before reuse. *If product gets in the eyes,* flush immediately with copious amounts of clean, cool water for at least 15 minutes. Get medical attention immediately. *If product is swallowed,* call a physician immediately. If patient is conscious, induce vomiting by stroking or tickling the patient's throat or far back on patient's tongue. Emetics such as 2 teaspoonful (10mL) of ipecac syrup or 1 teaspoonful (5mL) of dry mustard in warm water to form a paste or even soap in warm water can be used. Repeat until vomit fluid is clear. Then have patient drink plenty of milk, gelatin solution beaten egg whites, flour and water, or other nonolly demulcent. *Never induce vomiting or give anything by mouth to an unconscious person.*

*Note to physician:* Probable mucosal damage may contraindicate gastric lavage.  
**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Do not discharge into lakes, streams, ponds, or public waters unless in accordance with an NPDES permit. For guidance contact your Regional Office of the EPA.

## DIRECTIONS FOR USE GENERAL CLASSIFICATION

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**SIGMA NB-225** is used in cooling water systems and industrial air-washing systems to control microbiological slime. In cooling systems add 2.3-6.8 fl. oz. of **SIGMA NB-225** per 1000 gal. of water to the cooling tower sump. In air-washing systems, add 8.0-13.7 fl. oz. of **SIGMA NB-225** per 1000 gal. of water to water-collection trays. Repeat treatments every 1-5 days, or as needed. The required frequency depends on relative amount of bleed and severity of slime problem.

**SIGMA NB-225** is used to control sulfate-reducing bacteria in petroleum secondary recovery waterflooding operations at dosages of 1.9-3.8 fl. oz. of **SIGMA NB-225** per 1000 gal. of water treated. Technical assistance in applying **SIGMA NB-225** to a particular secondary recovery system is available upon request when a description of the problem is provided.

## STORAGE AND DISPOSAL

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

**PESTICIDE DISPOSAL:** Pesticide, spray mixture, or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides, or buried in a safe place away from water supplies.

### CONTAINER DISPOSAL:

- METAL:** Triple rinse (or equivalent) and offer for recycling, reconditioning, or disposal in an approved landfill or bury in a safe place. Containers over 30 gallons should be resealed before offering for reconditioning.
- PLASTIC:** Containers under 30 gallons must not be reused but should be triple rinsed and disposed of in an incinerator or landfill approved for pesticide containers or buried in a safe place. Containers over 30 gallons are to be resealed and offered for reconditioning or triple rinsed (or equivalent) and offered for recycling, reconditioning, or disposal in an approved landfill or buried in a safe place.

**GENERAL:** Consult Federal, State or Local disposal authorities for approved alternative procedures.

Manufactured by

**Sigma Chemical Corporation**  
2624 S. Roussele Street  
Santa Ana, Calif. 92707

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EPA Reg No 38682-2

EPA Est No

38682CA01

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**DIRECTIONS FOR USE**  
General Classifications

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

QUAT 32 detergent/disinfectant has been designed specifically for hospitals, nursing homes, schools, food processing plants and other institutions where housekeeping is of prime importance.

**DISINFECTION** - To disinfect hard inanimate surfaces (such as walls, floors, table tops), apply solution with mop, cloth, sponge or mechanical sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes and then let air dry.

**DILUTION RATES:** General Disinfection - add 2 ounce QUAT 32 per gallon of water. Hospital Disinfection - add 3 ounce per 3/2 gallon of water.

To disinfect toilet bowls, flush water, add 2 ounce QUAT 32 detergent disinfectant directly to the bowl water. Swab the bowl completely using a scrub brush or toilet mop, making sure to get under the rim. Let stand for 10 minutes and flush.

For heavily soiled areas, a pre-cleaning step is required and recommended. Prepare a fresh solution for each use.

**MILDEWSTAT** - To control mold and mildew on hard non-porous surfaces (such as floors, walls, table tops), clean surfaces then add 2 ounces QUAT 32 per gallon of water. Apply with a cloth, mop or sponge to surfaces to be treated making sure to wet thoroughly. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth reappears.

**SANITIZATION** - To sanitize previously cleaned and rinsed non-porous food contact surfaces, prepare 200 ppm active quaternary QUAT 32 solution by adding 4 ounces QUAT 32 to 5 gallons of water.

To sanitize immobile items (such as tanks, chopping blocks, counter tops), flood the area with 200 ppm QUAT 32 solution or apply with a cloth or sponge, making sure to wet all surface completely for at least 60 seconds. Let air dry. Prepare a fresh solution for each use.

To sanitize mobile items (such as drinking glasses, eating utensils), immerse in 200 ppm QUAT 32 solution for at least 60 seconds making sure to immerse completely. Remove and let air dry. Prepare a fresh solution daily or more frequently as soil is apparent.

**PRECAUTIONARY STATEMENTS**  
Hazard to Human and Domestic Animals

**WARNING**

Keep Out of Reach of Children. Causes eye and skin irritation. Do not get in eyes, skin or on clothing. Harmful if swallowed.

**STATEMENT OF PRACTICAL TREATMENT**

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash all contaminated clothing before reuse. If swallowed, drink milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Call a physician.

**NOTE TO PHYSICIAN**

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

**SEAGULL**  
**QUAT 32**

**DETERGENT/DISINFECTANT**

Cleaner	Disinfectant
Detergent	Fungicide (against
Deodorizer	Pathogenic fungi)
Sanitizer	
Mildewstat (on hard inanimate surfaces)	

**ACTIVE INGREDIENTS**

a-Alkyl (60%C <sub>14</sub> , 30%C <sub>16</sub> , 5%C <sub>12</sub> , 5%C <sub>18</sub> ) dimethyl benzyl ammonium chlorides	1.60%
n-Alkyl (68%C <sub>12</sub> , 32%C <sub>14</sub> ) dimethyl ethylbenzyl ammonium chlorides	1.60%
<b>INERT INGREDIENTS</b>	96.80%
<b>TOTAL</b>	<b>100.00%</b>

EPA REG. NO 40737-3  
EPA REG. NO 40737-NJ-01

**KEEP OUT OF REACH OF CHILDREN**

**WARNING**

See side panels for additional precautionary and first aid statements.

**SEAGULL CHEMICAL, INC.**  
238 PASSAIC AVENUE  
FAIRFIELD, N.J. 07006

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QUAT 32 is a cleanser disinfectant and is used in schools, food processing plants and light housekeeping is of prime importance in all areas. When used as directed, QUAT 32 is for general cleaning and disinfecting (such as walls, floors, sink tops, toilet bowls, etc.) in areas, such as patient care facilities and both general cleaning and disinfecting.

In addition, QUAT 32 deodorizes those areas, such as garbage storage areas, and any other areas which are prone to odors.

**DISINFECTION** - At 2 ounces per gallon dilution, QUAT 32 demonstrates disinfectant activity against the organism *Coccus aureus*.

At this level the product is also fungicidal against *Aspergillus* and *Penicillium* spp.

At 3 ounces per gallon dilution, QUAT 32 demonstrates disinfectant activity against *Coccus aureus*.

Efficacy tests have demonstrated that QUAT 32 is a fungicide, in the presence of organic soil.

**Mold and Mildewstat** - QUAT 32 prevents mold and mildew growth on hard non-porous inanimate surfaces.

**SANITIZATION** - When used for sanitizing food contact items limit active quaternary ammonium to 200 ppm. WATER RINSE is required.

QUAT 32 is an effective sanitizer when used in a solution of (CaCO<sub>3</sub>).

**STORAGE**

- DO NOT CONTAMINATE WATER, FOOD OR FEEDSTUFFS.  
- OPEN DUMPING IS PROHIBITED.  
- DO NOT REUSE EMPTY CONTAINERS.

**PESTICIDE DISPOSAL** - Pesticides that should be disposed of in a landfill approved for pesticide disposal.

**CONTAINER DISPOSAL** - Triple rinse (or more) and recycle where possible. If not, landfill approved for pesticide containers.