

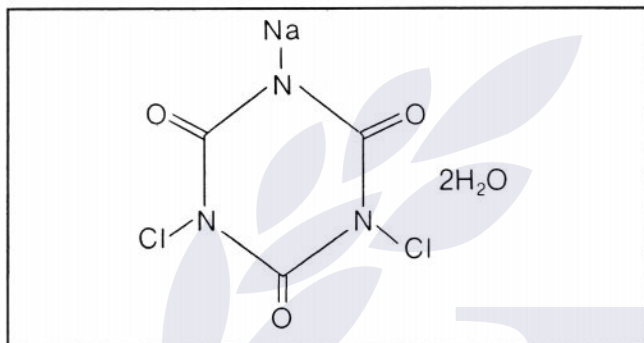
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Without covering letter

Sodium Dichloro Isocyanurate Dihydrate - Granular



CHEMICAL NAME Sodium Dichloro-S-Triazine-Trione-Dihydrate or Sodium Dichloro Isocyanurate Dihydrate

FORMULA $C_3NaCl_2N_3O_3 \cdot 2H_2O$

MOLECULAR WEIGHT 256

CAS No. 51580-86-0

EPA Reg. No. 53254/3

Properties

APPEARANCE White crystalline granules with chlorine smell

pH (1% Sol. in water) 6.0-7.0

WATER SOLUBILITY at 25°C (77°F) 250 g/l

MELTING POINT 240-250°C (464-482°F) with decomposition

AVAILABLE CHLORINE > 55.0%

WATER CONTENT < 14.0%

BULK DENSITY (kg/l) 0.94-1.00

PARTICLE SIZE > 1700 microns < 0.5%

DISTRIBUTION > 150 microns < 2.0%

Applications

OXIDAN DCN/WSG is a chlorine releasing agent with 56% available chlorine.

It is widely used in Household and Industrial & Institutional (I. & I.) detergents in the following products:

Recommended dosage

AUTOMATIC DISHWASHING POWDERS 1.5 - 6.0%

HEAVY DUTY GENERAL

PURPOSE CLEANERS

2.0 - 7.0%

SANITIZERS

23.0 - 25.0%

LAUNDRY BLEACHES

15.0 - 35.0%

Packaging

DRUMS - 50 kg or 100 kg fiber drums with inner Polyethylene bag.

BIG BAGS - 600 kg or 1000 kg bags.

Transport classification

Not dangerous

Custom's tariff

2933.6990.0

Toxicity and hazard

LD 50 (oral, rat) 1700 mg/kg

EYE IRRITATION (Rabbit) severe

SKIN IRRITATION (Rabbit) moderate erythema

and edema.

In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes and seek medical advice.

In case of contact with skin, remove the chemical and wash with plenty of water.

In case of swallowing, drink water, milk or egg whites, call a physician. If chlorine gas has been inhaled, treat it as a case of chlorine poisoning.

Storage and handling

Store in a dry well ventilated warehouse. Keep the packaging sealed and away from other chemical products. When opening drums, inhalation of dust particles and fumes, contact with the skin or eyes should be avoided; the product is corrosive and harmful.

This product is an oxidizer. It could react with substances, like oxidizable organic or inorganic materials, and support combustion. Avoid contact with nitrogen containing compounds like ammonia, urea, amines or similar.

If it comes into contact with even a small amount of water, it can generate explosive gases (nitrogen trichloride NCl_3).

For further information, please read the safety data sheet or the booklet "Guidelines for Safe Handling & Storage"

All information is based on the best of our present knowledge; however we do not assume any liability for losses or damages due to reliance thereon, since conditions of use of the products are not under our control. We do not assume as well any liability for infringement of third parties patent rights which may arise from the use of the products.