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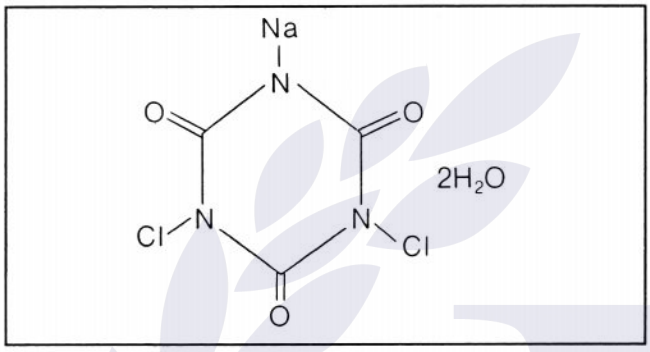
Withour covering letter

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 DISTRIBUTION	> 1700 microns	< 0.5%
	> 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.

Trasport 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 tricloride NCl_3).
For further information, please read the safety data sheet or the booklet "Guidelines for Safe Handling & Storage"