TNJ ®

Specialized in chemicals

Technical Data Sheet

Sodium cyclamate

Product Information

Chemical Name   Sodium cyclamate

Chemical Structure

Na⁺
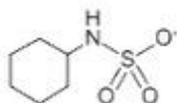
CAS #   139-05-9

Formula   C6H12NNaO3S

Molecular Weight   201.22

Synonyms   Sodium N-cyclohexylsulfamate

Description

White crystalline powder or needle-like crystal (fakes).Soluble in water, hardly soluble in ethanol.

Physical Properties

Solubility: Soluble in water (1g/5ml) and propylene glycol (1g/5ml), almost insoluble in ethanol, ethyl ether, benzene and chloroform.

Storage: Store at room temperature

Melting Point: >300° C (lit.)

Water Solubility: > = 10 g / 100 mL

Specification

Grade	NF13 (Acicular form)	CP95 (Flake form)
Pic.		
Purity	≥98%	≥98%
Drying loss(105℃)	≤1.0%	≤15.5%
pH(10%W/V)	5.5-7.5	5.5-7.5
Sulfate(SO4)	≤0.05%	≤0.05%
Arsenic(AS)	≤0.0001%	≤0.0001%
Heavy metal(Pb)	≤0.001%	≤0.001%
Cyclohexylamine	≤0.0025%	≤0.0025%
Dicyclohexylamine	Unidentifiable	Unidentifiable
Clarity (10% W/V aq. sol.)	≥95%	≥95%

Applications

Sodium cyclamate is a synthetic sweetener that has been used for many years world wide.

-- Sodium cyclamate is   used in coffee, fruit juices, flavored water, cars, almond tea, black tea, soybean milk, canned food, jams, jellies, pickles, catchup and feed.

-- Sodium cyclamate is used in seasoning and cooking

-- Sodium cyclamate is used in cosmetics, syrup, icing, toothpaste, mouthwash, lipstick and so on

-- Sodium cyclamate also can be used as the substitute of sugar for diabetics and fat persons..

Packaging

25kg/bag or carton,17mt/FCLwith pallet,20mt/FCLwithout pallet.

Safety & Storage & Handling

Stored in cool and airy place; away from fire and heat; handle with care;no breakage, avoid leakage.

It is valid for 2 years under proper condition.

*Please refer to MSDS for more information about Safety, Storage and Transportation.