

Sodium Diacetate : (CH₃COONa•x(CH₃COOH))

Product Identification:

Chemical Synonyms: SD, SDA, sodium hydrogen diacetate

Chemical Family: organic acid, sodium salt

Ingredients:

	% by Weight	CAS #
Sodium Diacetate	99 min	126-96-5
Water	1 max	7732-18-5

©Copyright 2002 Niacet Corporation - All Rights Reserved

Physical Properties

	As a Powder	Data
Molecular Weight:		142.09
Appearance:		white powder
pH of 10% Aqueous Solution:		4.5
Melting Point:		328°C
Solubility in Water:		40% in water at 20°C
Reactivity in Water:		does not react
Odor:		vinegar odor
Boiling Point:		not applicable
Vapor Pressure :		not applicable
Bulk Density:		approximately 55 lbs./cu.ft.

Solubility

Water Solubility	
Temperature	Weight %
0°C :	35.0
20°C :	40.0
40°C :	47.0
60°C :	54.0
80°C :	62.0
100°C :	70.0

Solvent Solubility at 25°C	
Temperature	Weight %
Methanol :	26.0
Ethanol :	5.0
Acetone :	<0.1

Toxicological Properties

Sodium Diacetate is a non-toxic food chemical

Occupational Exposure:

No exposure limits have been set by OSHA, NIOSH or ACGIH

Carcinogen:

IARC: No, NTP: No, OSHA: No

FDA Status

Section	Use References
FDA § 184.1754	Antimicrobial agent, flavoring agent and adjuvant, pH control