



Specialized in chemicals

Hefei TNJ Chemical Industry Co.,Ltd.

B911 Xincheng Business Center,
Qianshan Rd. Hefei 230022 China

Tel : (0086) 551 5418695

Fax: (0086) 551 5418697

Email: info@tnjchem.com

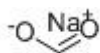
Site: www.tnjchem.com

Technical Data Sheet

Sodium formate

Product Information

Chemical Name	Sodium formate
CAS #	141-53-7
EINECS	205-488-0
Formula	CHNaO ₂
Molecular Weight	68.01
Synonyms	formatedesodium
Chemical Structure	



Description

Sodium formate is a white crystalline powder or granule with gentle formic acid odor. It is a hygroscopic substance and it resolves into sodium oxalate and hydrogen and followed by sodium carbonate. Sodium formate is soluble in 1.3 water and glycerol and slightly soluble in ethanol and the aqueous solution appears neutral with pH value at 7. It is irritant and melted at 253°C.

Physical Properties

Melting point, °C(lit.)	259-262
Appearance	white crystalline powder or granule
Solubility	soluble in water and glycerol and slightly soluble in ethanol

Specification

Sodium formate 95%:

Appearance	White crystalline powder
Assay, %	≥95.0
NaOH, %	≤0.50
Na ₂ CO ₃ , %	≤1.50
NaCl, %	≤2.0
Water, %	≤1.0

Sodium formate 98%:

Appearance	White crystalline powder
Assay, %	≥98.0
NaOH, %	≤0.50
Na ₂ CO ₃ , %	≤1.50
NaCl, %	≤0.10
Water, %	≤0.50
Na ₂ S, %	≤0.01
Fe, %	≤0.005

Applications

For tanner industry, it is used as camouflage acid in chrome tanning process. It is also used as stable synthetic agent and catalytic agent.

For textile dyeing industry, it is to work as dye leveller;

For electroplating industry, it works as accelerator;

For rayon industry, it works as delustering agent;

For food industry. it is also a food additive in production;

For other application, Sodium formate is the raw material for the production of hydrosulfite, Oxalic acid and formic acid, and is a precipitant for heavy metals including some complex irons formed by trivalent metals so it is used to test these heavy metals such as phosphorus and arsenic, etc.

Package

It is packed with 25kg PP bag or 500kg and 1000kg bag.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we has been advised of the possibility of such damages.

Hefei TNJ Chemical Industry Co.,Ltd.

B911 Xincheng Business Center
Qianshan Road, Hefei
230022 Anhui
China

Tel : (0086) 551 5418695
Fax: (0086) 551 5418697
Email: info@tnjchem.com
Site: www.tnjchem.com