

Material Safety Data Sheet

(Heat Pack:/Hand Warmer)

Data of Issue:03/18/2009

Valid: 03/18/2009 – 03/17/2010

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product name: Heat Pack (Hand Warmer)

Product Type: Liquid inside the sealed bag

Date of revision: 03/18/2009

Company/undertaking identification:

Manufacturer:Shanghai Binghang Industry Co., Ltd

Part 9 No. 25, Hangdu Road, Hangtoun Town, Nanhui District, Shanghai 201316, China

Email address of person responsible for this MSDS: quolimei@binghang.cn

Emergency telephone number (with hours of operation): 021-33758005 (opening hours: 9:00 – 18:00)

2. COMPOSITION/INFORMATION ON INGREDIENTS

item	Indexes
Formula:	CH ₃ COONa
CAS No:	127-09-3
CH ₃ COONa purity:	75 - 85%
Classification :	Not classified.

Properties: Sodium acetate is a kind of odorless powder of white or yellowish color. It is easy to be flammable, soluble in water and ethanol, slightly soluble in acetic acid.

Usage: Sodium acetate is a kind of chemical raw material, widely used in printing and dyeing, medicine, chemical agent and antistaling agent etc.

3. HAZARDS IDENTIFICATION

CAUTION! MAY CAUSE IRRITATION TO SKIN, EYES, AND RESPIRATORY TRACT.

Potential Health Effects.

Inhalation:

May cause irritation to the respiratory tract. Symptoms may include coughing, sore throat, labored breathing, and chest pain.

Ingestion:

Large doses may produce abdominal pain, nausea, and vomiting.

4. FIRST AID MEASURES

Inhalation:

Remove to fresh air. Get medical attention for any breathing difficulty

Ingestion:

Give several glasses of water to drink to dilute. If large amounts were

swallowed, get medical advice

Skin Contact:

Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if irritation develops

Eye Contact:

Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Fire:

Autoignition temperature: 611C (1132F)

As with most organic solids, fire is possible at elevated temperatures or by contact with an ignition source.

Explosion:

Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

Fire Extinguishing Media:

Water spray, dry chemical, alcohol foam, or carbon dioxide.

6. HANDLING AND STORAGE

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Isolate from any source of heat or ignition.

Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

7. STABILITY AND REACTIVITY

Stability:

Stable under ordinary conditions of use and storage

Hazardous Decomposition Products:

Emits fumes of acetic acid upon heating and on contact with strong acids

Incompatibilities:

Nitric acid, fluoride, potassium nitrate, strong oxidizers and diketene.

8. SPECIAL INFORMATION

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.