

# MATERIAL SAFETY DATA SHEET

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## Section 1. PRODUCT IDENTIFICATION

**PRODUCT NAME - ASPIRIN PACK**  
CHEMICAL FAMILY - ASPIRIN

## Section 11. COMPOSITION

<u>Component</u>	<u>CAS Reg Number</u>
Acetylsalicylic Acid	50-78-2
Sodium Acetate	127-09-3

## Section 111. PHYSICAL DATA

Boiling Point- N/A  
Melting Point - 300°F  
VAPOR PRESSURE: Not Found  
SOLUBILITY: Slightly Soluble  
APPEARANCE AND ODOR: White crystals with lemon scent  
Specific Gravity: (Water = 1) = 1.48  
Volatiles (% by weight): N/A

## Section IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT - Not Applicable.      FLAMMABLE LIMITS - Not Applicable  
Extinguishing Media:  
Any suitable means to extinguish surrounding fire. Carbon Dioxide, Dry Chemical Preferred.  
Special Fire Fighting Procedures:  
Use special breathing equipment and protective clothing appropriate to the surrounding fire.

## Section V. REACTIVITY DATA

THERMAL STABILITY - Stable under normal conditions of use and storage.  
INCOMPATIBILITY - Strong bases, strong acids, strong oxidizing agents.  
CONDITIONS TO AVOID: Excessive heat, humidity, and exposure to incompatibles.  
HAZARDOUS DECOMPOSITION PRODUCTS: acetic acid, salicylic acid, carbon monoxide.

## **Section VI. HEALTH HAZARD DATA**

### **Emergency Overview:**

#### **Physical Appearance and Odor:**

White crystalline or powder solid

#### **Warning Statements:**

Toxic if swallowed. Eye, Skin and Respiratory Tract Irritant.

Sensitizer. Moderate to Severe Dust Explosion Risk.

### **Potential Health Effects:**

#### **ACUTE:**

Irritant. May cause burns.

#### **ACUTE SKIN:**

Harmful if absorbed through skin. May produce symptoms similar to those from ingestion.

Irritant. Causes redness, swelling.

#### **ACUTE INHALATION:**

Toxic if ingested. Some people may be hypersensitive to this product. Can cause irritation, abdominal pain, nausea, bleeding, excitement, respiratory depression, heart failure, death.

#### **CHRONIC EFFECTS:**

This product does not contain any ingredient designed by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens. Prolonged contact can cause anemia, internal bleeding, decreased blood clotting ability.

## **SECTION VII. EMERGENCY AND FIRST AID PROCEDURES**

### **EYE EXPOSURE:**

Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes.

Seek medical attention.

### **SKIN EXPOSURE:**

In case of contact, immediately wash with plenty of soap and water for at least 5 minutes.

Seek medical attention if irritation develops or persists. Remove contaminated clothing and shoes.

Clean contaminated clothing and shoes before re-use.

### **INHALATION:**

Remove victim from immediate source of exposure and assure that the victim is breathing. If breathing is difficult, administer oxygen, if available. If victim is not breathing, administer CPR (cardio-pulmonary resuscitation). Seek medical attention.

### **INGESTION:**

If victim is conscious and alert, give 2-3 glasses of water to drink and induce vomiting or give anything by mouth to an unconscious person. Seek immediate medical attention. Do not leave victim unattended.

Vomiting may occur spontaneously. To prevent aspiration of swallowed product, lay victim is conscious, give water to further dilute the chemical.

### **MEDICAL CONDITIONS POSSIBLY AGGRAVATED BY EXPOSURE:**

Inhalation of product may aggravate existing chronic respiratory problems such as asthma, emphysema, or bronchitis. Skin contact may aggravate existing skin disease. The following potential problems relate primarily to individuals taking aspirin as a medication and are not expected to be of concern to workers, unless aspirin is accidentally ingested: (1) In persons taking anticoagulants, aspirin may accentuate anticoagulant activity; (2) Persons with influenza and some other viral illnesses may be at higher risk of developing Reye's Syndrome; and (3) Persons with rheumatoid arthritis or systemic lupus erythematosus sometimes develop hepatotoxicity.

**NOTES TO PHYSICIAN:**

All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

**VENTILATION:**

A system of local exhaust is recommended to keep employee exposure below the airborne exposure limits. Local exhaust is usually preferred because it controls the emission at its source, preventing "Dispersion of it into the general work area. Refer to the acgih document :Industrial Ventilation, a manual of recommended practices" for details.

**RESPIRATORY PROTECTION:**

NIOSH/MSHA Approved respirator exposure may, or does exceed occupational exposure limits. Generally, a Dust/Mist respirator may be worn in areas where the TLV is exceeded up to ten times. Alternatively, a supplied air full facepiece respirator or airlined hood may be worn.

**EYE PROTECTION:**

Chemical splash goggles or face shield. Contact lenses should not be worn working with this material.

**SKIN PROTECTION:**

Use rubber or plastic impervious gloves and body covering clothing.

**PERSONAL HYGIENE:**

Wash thoroughly after handling.

\*\* An eye wash fountain and quick-drench facilities should be maintained in the work area.

**SECTION IX. SAFE HANDLING, STORAGE, AND USE PRECAUTIONS**

**PRECAUTIONARY MEASURES:** Avoid contact with skin, eyes, and clothing. Wear protective clothing, gloves, and splash goggles or shield. Wash thoroughly after using. Avoid breathing dust or mist. Use with adequate ventilation.

Store in a cool, dry, well ventilated area. Isolate from incompatible materials.

Protect from Physical Damage.

**SECTION X. ENVIROMENTAL AND DISPOSAL PROCEDURES.**

**SPILL/LEAK CLEAN-UP PROCEDURES:**

Sweep, Scoop, or Pick-Up Spilled Material.

Avoid Dusting. Package for Reclamation or Recovery.

Whatever cannot be saved may be disposed of in an approved landfill.

**DISPOSAL METHOD:**

Dispose of in an approved Chemical Waste Landfill in accordance with applicable federal, system, and local regulations.

**SUPERFUND REPORTABLE QUANTITY (RQ): 10# / 4.54 KG (CUSO4)**

**HAZARDOUS WASTE NO: NOT REGULATED**

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