



## SAFETY DATA SHEET

### 1. Identification

<b>Product Name</b>	<b>Sodium acetate trihydrate</b>
<b>Cat No. :</b>	<b>BP334-1; BP334-500; S207-10; S209-3; S209-10; S209-50; S209-500; S220-1; S607-25; S607-100; S607-212; S607-500; S608-3; S608-12; S608-50; S608-500; S609-12; S609-25; S609-100; S609-212; S609-500</b>
<b>Synonyms</b>	Acetic acid, sodium salt trihydrate (Crystalline/Granular/Technical/HPLC/USP/FCC/EP/BP/JP/Certified ACS)
<b>Recommended Use</b>	Laboratory chemicals
<b>Uses advised against</b>	No Information available
<b><u>Details of the supplier of the safety data sheet</u></b>	



**Methods for Containment and Clean Up** Avoid dust formation. Sweep up or vacuum up spillage and collect in suitable container for disposal.

## 7. Handling and storage

**Handling** Wear personal protective equipment. Ensure adequate ventilation. Avoid dust formation. Do not breathe dust. Avoid contact with skin, eyes and clothing.

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place.

## 8. Exposure controls / personal protection

**Exposure Guidelines** This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Engineering Measures** Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

### Personal Protective Equipment

**Eye/face Protection** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166

**Skin and body protection** Wear appropriate protective gloves and clothing to prevent skin exposure

**Respiratory Protection** Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice

## 9. Physical and chemical properties

<b>Physical State</b>	Solid
<b>Appearance</b>	White
<b>Odor</b>	Odorless
<b>Odor Threshold</b>	No information available.
<b>pH</b>	8-9.5 100 g/l water (20 C)
<b>Melting Point/Range</b>	58°C / 136.4°F
<b>Boiling Point/Range</b>	No information available.°C
<b>Flash Point</b>	No information available.
<b>Evaporation Rate</b>	No information available.
<b>Flammability (solid,gas)</b>	No information available
<b>Flammability or explosive limits</b>	
<b>Upper</b>	No data available
<b>Lower</b>	No data available
<b>Vapor Pressure</b>	No information available.
<b>Vapor Density</b>	No information available.
<b>Relative Density</b>	1.45
<b>Solubility</b>	Soluble in water Ether
<b>Partition coefficient; n-octanol/water</b>	No data available
<b>Autoignition Temperature</b>	607°C / 1124.6°F
<b>Decomposition temperature</b>	300 °C
<b>Viscosity</b>	No information available.
<b>Molecular Formula</b>	C <sub>2</sub> H <sub>3</sub> Na O <sub>2</sub> . 3 H <sub>2</sub> O
<b>Molecular Weight</b>	136.08

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## 10. Stability and reactivity

**Reactive Hazard**

None known, based on information available.

**Stability**

Stability

**Other Adverse Effects** The toxicological properties have not been fully investigated.. See actual entry in RTECS for complete information.

## 12. Ecological information

### Ecotoxicity

Do not empty into drains.

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Sodium acetate	-	5000 mg/L LC50 24 h	= 7200 mg/L EC50 Pseudomonas putida 18 h	1000 mg/L EC50 > 48 h

**Persistence and Degradability** No information available.

**Bioaccumulation/ Accumulation** No information available

**Mobility** No information available

Component	log Pow
Sodium acetate	-4.22

## 13. Disposal considerations

**Waste Disposal Methods** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification

## 14. Transport information

**DOT** Not regulated

**TDG** Not regulated

**IATA** Not regulated

**IMDG/IMO** Not regulated

## 15. Regulatory information

### International Inventories

Component	TSCA	DSL	NDSL	EINECS	ELINCS	NLP	PICCS	ENCS	AICS	IECSC	KECL
Sodium acetate trihydrate	-	-	-	-	-		X	X	X	X	-
Sodium acetate	X	X	-	204-823-8	-		X	X	X	X	X

#### Legend:

X - Listed

E - Indicates a substance that is the subject of a Section 5(e) Consent order under TSCA.

F - Indicates a substance that is the subject of a Section 5(f) Rule under TSCA.

N - Indicates a polymeric substance containing no free-radical initiator in its inventory name but is considered to cover the designated polymer made with any free-radical initiator regardless of the amount used.

P - Indicates a commenced PMN substance

R - Indicates a substance that is the subject of a Section 6 risk management rule under TSCA.

S - Indicates a substance that is identified in a proposed or final Significant New Use Rule

T - Indicates a substance that is the subject of a Section 4 test rule under TSCA.

XU - Indicates a substance exempt from reporting under the Inventory Update Rule, i.e. Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(B)).

Y1 - Indicates an exempt polymer that has a number-average molecular weight of 1,000 or greater.

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Y2 - Indicates an exempt polymer that is a polyester and is made only from reactants included in a specified list of low concern reactants that comprises one of the eligibility criteria for the exemption rule.

**U.S. Federal Regulations**

**TSCA 12(b)** Not applicable

**SARA 313** Not applicable

**SARA 311/312 Hazardous Categorization**

<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	Yes
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

**Clean Water Act** Not applicable

**Clean Air Act** Not applicable

**OSHA** Occupational Safety and Health Administration  
Not applicable

**CERCLA**  
Not Applicable

**California Proposition 65** This product does not contain

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## 16. Other information

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**Creation Date**

01-Feb-2010

**Revision Date**

10-Apr-2014

**Print Date**

10-Apr-2014

**Revision Summary**

This document has been updated to comply with the US OSHA HazCom 2012 Standard replacing the current legislation under 29 CFR 1910.1200 to align with the Globally