

Section 1: Identification

Product Name Sodium Butyrate
Commercial Name Not available.
Product Use Not available
Restrictions On Use Not available

Product Code 30-1946

Company PCCA
 9901 South Wilcrest
 Houston, TX 77099
 Phone: 1-800-331-2498
 Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Skin Corrosion/Irritation Category 2 Serious Eye Damage/Eye Irritation Category 2 Specific target organ toxicity (single exposure) Category 3 Target Organs - Respiratory system
CFR 1910.1200

Signal Word WARNING

Hazard Statement(s) Harmful in contact with skin. May cause eye, skin, or respiratory irritaiton. Harmful if inhaled. Suspected of causing genetic defects. Harmful if swallowed

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention	Wash face, hands and any exposed skin thoroughly after handling Wear protective gloves/protective clothing/eye protection/face protection Avoid breathing dust/fume/gas/mist/vapors/spray Use only outdoors or in a well-ventilated area
Response	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water If skin irritation occurs: Get medical advice/attention Take off contaminated clothing and wash before reuse IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention
Storage	Store in a well-ventilated place. Keep container tightly closed Store locked up
Disposal	Dispose of contents/container to an approved waste disposal plant

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Butyric Acid, Sodium Salt
% By Weight 100
CAS# 156-54-7
Molecular Weight 110.09 g/mole
Chemical Formula C4-H7-O2-Na
Synonym(s) Butyric acid sodium salt

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Butyric Acid, Sodium Salt	156-54-7	100	Not available.	Not available.

Section 4: First-Aid Measures

Inhalation	Remove to fresh air. Get medical attention. If not breathing, give artificial respiration.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. Get medical attention.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
Ingestion	Do NOT induce vomiting. Get medical attention.
Symptoms/Effects	
Acute	Not available
Delayed	Not available.
Immediate Medical Attention	
Treat symptomatically	

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

Water spray. Carbon dioxide (CO₂). Dry chemical. Chemical foam.

Unsuitable Extinguishing Media

Not available

Products of Combustion

Carbon monoxide (CO). Carbon dioxide (CO₂)

Firefighters Special Equipment and Precautions

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6: Accidental Release Measures

Personal Precautions: Ensure adequate ventilation. Use personal protective equipment as required. Environmental Precautions: See Section 12 for additional Ecological Information. Methods for Containment and Clean Up: Avoid dust formation. Sweep up and shovel into suitable containers for disposal. Do not let this chemical enter the environment

Section 7: Handling and Storage

Handling: Avoid contact with skin and eyes. Do not breathe dust. Do not ingest. If swallowed then seek immediate medical assistance. Handle product only in closed system or provide appropriate exhaust ventilation. Storage: Keep in a dry, cool and well-ventilated place. Keep container tightly closed. Incompatible Materials. Strong oxidizing agents.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
Engineering Controls	Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.
Personal Protection	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: No protective equipment is needed under normal use conditions. Hygiene: Measures Handle in accordance with good industrial hygiene and safety practice

Section 9: Physical and Chemical Properties

Appearance	White solid.(Powdered solid.)		
Odor	Odorless		
Odor Threshold	Not available		
Melting Point	250 - 253 °C / 482 - 487.	pH	Not available
Freezing Point	Not available	Vapor Pressure	Not available.
Boiling Point/Range	Not available	Vapor Density	Not available
Decomposition temperature	Not available	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available	Evaporation Rate	Not available
Flash Point	Not available	Autoignition temperature	Not available
Flammability	Not available	Flammability or Explosive Limits:	
		Lower	Not available
		Upper	Not available
Solubility(ies)	Soluble in water.		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	Not available
Chemical Stability	Hygroscopic
Hazardous Polymerization	Hazardous polymerization does not occur
Conditions to Avoid	Avoid dust formation. Incompatible products. Exposure to moist air or water.
Incompatible Materials	Strong oxidizing agents
Hazardous Decomposition Products	Carbon monoxide (CO), Carbon dioxide (CO ₂)

Section 11: Toxicological Information**RTECS** ET6400000**Acute Toxicity**

Not available

Skin Corrosion/Irritation

Irritating to eyes, respiratory system and skin

Serious Eye Damage/Irritation

Irritating to eyes, respiratory system and skin

Respiratory or Skin Sensitization

Irritating to eyes, respiratory system and skin

Germ Cell Mutagenicity

Not available

Carcinogenicity

Not available

Reproductive Toxicity

Not available

Routes of Entry

Irritating to eyes, respiratory system and skin

Symptoms Related to Exposure

Not available

Potential Health Effects

Not available

Target Organ(s) Not available.**Section 12: Ecological Information****Ecotoxicity**

Do not empty into drains.

Persistence and Degradability

Soluble in water Persistence is unlikely based on information available.

Bioaccumulative Potential

No information provided

Mobility in Soil

Will likely be mobile in the environment due to its water solubility

Other Adverse Effects

No information provided

Section 13: Disposal Considerations**Waste Disposal**

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.

Disposal of Container

Not available

Other Considerations

Not available

Section 14: Transport Information**DOT Classification**

DOT Not regulated

Section 15: Regulatory Information**Regulations**

SARA 313 Not applicable SARA 311/312 Hazard Categories See section 2 for more information CWA (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 any Proposition 65 chemicals. U.S. State Right-to-Know Regulations Not applicable U.S. Department of Transportation Reportable Quantity (RQ): N DOT Marine Pollutant N DOT Severe Marine Pollutant N U.S. Department of Homeland Security This product does not contain any DHS chemicals

Other

Not available.

Section 16: Other Information

The information above is presented in good faith. It is believed to be accurate and represents the best information currently available to us. However we make no warranty with respect to such information and we assume no liability resulting from its use. The user should consider this information as a supplement to other information that may be available and make independent judgment to ensure proper use to protect the health and safety of employees and the environment. Pfaltz and Bauer shall not be held liable for any damage resulting from handling or from contact with the above product.