



Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

SODIUM VALPROATE EP

30-4362

Section 1: Identification

Product Name SODIUM VALPROATE EP
Commercial Name Convulex; Epilim; Orfiril; Labazene; Valerin
Product Use Therapeutic drug (anticonvulsant and for treatment of Mania)
Restrictions On Use Not available
Product Code 30-4362
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: Acute Toxicity, category 4 Eye irritation, category 2 Skin irritation, category 2 Reproductive toxicity,
CFR 1910.1200 category 1A
Signal Word DANGER
Hazard Statement(s) Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May damage the unborn child. Studies show a higher frequency of abnormalities in infants born to women after chronic therapeutic use of Sodium Valproate during pregnancy as an anti-convulsant.

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention P280 Wear protective gloves, clothing, eye and face protection
Response P301 If swallowed get medical attention.
Storage Not available.
Disposal Not available.

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Sodium Valproate
% By Weight 100
CAS# 1069-66-5
Molecular Weight 166.20
Chemical Formula C₈H₁₅NaO₂
Synonym(s) 2-Propylpentanoic acid sodium salt; 2-Propylvaleric acid sodium salt; Pentanoic acid, 2-propyl-, sodium salt; Sodium 2-propylpentanoate; Sodium-2-propylvalerate; Sodium, alpha,alpha-dipropylacetate; Sodium bispropylacetate; Sodium dipropylacetate; Sodium n-dipropylacetate; Dipropylacetate sodium; Valproic acid sodium salt

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Sodium Valporate	1069-66-5	100	N/A	N/A

Section 4: First-Aid Measures

Inhalation	Remove from exposure. Maintain a clear airway. Get medical aid.
Skin Contact	Wash with plenty of water.
Eye Contact	Wash with plenty of water.
Ingestion	May cause irritation. Flush out mouth with copious quantities of water.
Symptoms/Effects	
Acute	The product can be corrosive to the skin.
Delayed	The product can be corrosive to the skin.
Immediate Medical Attention	
Not available.	

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

Water spray, dry chemical, carbon dioxide, or foam

Unsuitable Extinguishing Media

Not available.

Products of Combustion

When combusted, irritating gasses can develop, among which, nitrogendioxides.

Firefighters Special Equipment and Precautions

Fire fighters should use self-contained breathing equipment and protective clothing.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Make sure all personnel involved in the spill area follow good industrial hygiene practices. Any person entering a spill area or an unknown concentration of dust, should use a suitable dust respirator (P2). Environmental precautions: The product is soluble in water. Methods and material for containment and cleaning up: Isolate the polluted area and the contaminated water. Remove with alkaline water solution from contaminated area.

Section 7: Handling and Storage

Handling: The material is stable. This material is not considered as a fire hazard. When powdered, as with all dry powders it is advisable to ground mechanical equipment in contact with dry material to dissipate the potential building up of static electricity.

Storage: The product is hygroscopic, keep tightly closed.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Safe handling : Avoid static electricity Respiratory : Use a suitable dust respirator (P2). Ventilation : Local exhaust recommended. Skin protection : Use disposable gloves of nitrile rubber: Thickness : 0.2mm Breakthrough time (EN 374): - Heptane : > 30 minutes - Sodium hydroxide 50% : > 480 minutes - Sulphuric acid 96% : > 30 minutes
Engineering Controls	Not available
Personal Protection	Eye protection : Use safety goggles. Other protection : Use suitable protective clothing. Avoid contamination of working area. No eating, smoking or drinking in area of the product.

Section 9: Physical and Chemical Properties

Appearance	White crystals or powder.		
Odor	almost odorless.		
Odor Threshold	Not available		
Melting Point	>300°C (572°F)	pH	7-9.5
Freezing Point	Not available.	Vapor Pressure	Not available.
Boiling Point/Range	222°C	Vapor Density	Not available.
Decomposition temperature	Not available.	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available.	Evaporation Rate	Not available.
Flash Point	525°C	Autoignition temperature	Not available.
Flammability	>400°C	Flammability or Explosive Limits:	
		Lower	Not available.
		Upper	Not available.
Solubility(ies)	>300 g/l in water. Soluble in alcohols		
Other	Relative density : 0.4-0.6 g/ml		

Section 10: Stability and Reactivity

Reactivity	Not available
Chemical Stability	The product is stable, temperature and shock-resistant.
Hazardous Polymerization	Not available
Conditions to Avoid	Not available
Incompatible Materials	Not available
Hazardous Decomposition Products	When heated to decomposition material emits irritating and toxic fumes of NOx and SOx

Section 11: Toxicological Information**RTECS** YV7876000**Acute Toxicity**

Orl-rat LD50: 670 mg/kg Toxic effects are frequently associated with dose levels over 1800 mg per day (Valproic Acid). Unconsciousness occurs when 200 mg/kg has been ingested. Symptoms of accidental overdose may include serious CNS depression and impairment of respiration.

Skin Corrosion/Irritation

Irritating for skin.

Serious Eye Damage/Irritation

Irritating for eyes

Respiratory or Skin Sensitization

Not available

Germ Cell Mutagenicity

Not available

Carcinogenicity

Not available.

Reproductive Toxicity

Higher frequency of abnormalities in infants (especially neural tube defects) born to women after chronic therapeutic use of Sodium Valproate during pregnancy.

Routes of Entry

Skin. Eyes.

Symptoms Related to Exposure

May cause local gastric irritation. Human systemic effects: change in exocrine pancreas, nausea, diarrhea, sleep disturbance, mild to moderate liver enzyme elevations.

Potential Health Effects

Rare cases of life threatening pancreatitis have been reported shortly after initial use as therapeutic drug as well as after several years of use. Rare case of serious or fatal hepatotoxicity after use as drug, especially after chronic use by children receiving multiple anticonvulsant therapy.

Target Organ(s) Not available.

Section 12: Ecological Information**Ecotoxicity**

Not available.

Persistence and Degradability

Not available

Bioaccumulative Potential

Not available

Mobility in Soil

Solubility in water: >300 g/l

Other Adverse Effects

Not available

Section 13: Disposal Considerations**Waste Disposal**

Spilled materials : Sweep up spilled material being careful not to create dust. Place sweepings in a chemical waste container. Flush contaminated area with water and detergent. Dispose of waste in accordance with federal, state and local laws.

Disposal of Container

Dispose contaminated packing materials in accordance with federal, state and local laws.

Other Considerations

Not available

Section 14: Transport Information**DOT Classification**

Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

Section 15: Regulatory Information**Regulations**

Safety, health and environmental regulations/legislation specific for the substance or mixture EU-regulation: Directive 2001/83/EC of the European Parliament and of the Council of 6 November 2001 on the Community code relating to medicinal products for human use.

Other

WHMIS (Canada): Not controlled under WHMIS (Canada). DSCL (EEC): R22- Harmful if swallowed. R36/38- Irritating to eyes and skin. S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37- Wear suitable gloves. S46- If swallowed, seek medical advice immediately and show this container or label.

Section 16: Other Information

The Information contained herein is updated to the best of our knowledge, but we do not claim this Information is complete,