

Section 1: Identification

Product Name Calamine Powder USP
Commercial Name Not available.
Product Use Astringent and skin protection
Restrictions On Use Not available.

Product Code 30-1022

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: Short-term (acute) aquatic hazard (Category 1), H400 Long-term (chronic) aquatic hazard (Category 1), H410
CFR 1910.1200

Signal Word WARNING

Hazard Statement(s) Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention Not available.
Response Not available
Storage Not available.
Disposal Dispose of contents/ container to an approved waste disposal plant.

Section 3: Composition/Information on Ingredients

Substance/Mixture Mixture
Components Zinc Oxide, Ferric Oxide
% By Weight Zinc Oxide 99.5, Ferric Oxide .5
CAS# 8011-96-9
Molecular Weight 81.38 g/mole for Zinc Oxide
Chemical Formula ZnO + FE2-O3
Synonym(s) Calamine Powder; Zinc white; flowers of zinc; Chinese white

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Zinc Oxide	1314-13-2	99.5		
Ferric Oxide	1309-37-1	.5		

Section 4: First-Aid Measures

Inhalation	f breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Skin Contact	Wash off with soap and plenty of water. Consult a physician.
Eye Contact	Flush eyes with water as a precaution.
Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Symptoms/Effects	
Acute	Not available.
Delayed	Not available.
Immediate Medical Attention	Not available.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable Extinguishing Media	Not applicable.
Products of Combustion	Iron oxides, Zinc/zinc oxides
Firefighters Special Equipment and Precautions	Wear self-contained breathing apparatus for firefighting if necessary.

Section 6: Accidental Release Measures

Personal Precautions: Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Avoid breathing dust. For personal protection see section 8. Environmental Precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. Methods and materials for containment and clean up: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7: Handling and Storage

Handling: Provide appropriate exhaust ventilation at places where dust is formed. Storage: Keep container tightly closed in a dry and well-ventilated place. Keep in a dry place.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Zinc Oxide 1314-13-2: TWA 2 mg/m ³ Canada. Alberta, Occupational Health and Safety Code (table 2: OEL) STEL 10 mg/m ³ Canada. Alberta, Occupational Health and Safety Code (table 2: OEL) TWAEV 5 mg/m ³ Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants Diiron trioxide 1309-37-1: TWA 5 mg/m ³ Canada. Alberta, Occupational Health and Safety Code (table 2: OEL) STEL 10 mg/m ³ Canada. British Columbia OEL
Engineering Controls	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal Protection

Eye/face protection: Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Body Protection: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Respiratory protection: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Control of environmental exposure: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Section 9: Physical and Chemical Properties

Appearance	Pink Powder		
Odor	Not available		
Odor Threshold	Not available.		
Melting Point	Not available	pH	Not available
Freezing Point	Not available.	Vapor Pressure	Not available.
Boiling Point/Range	Not available.	Vapor Density	Not applicable.
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 flammable	Flammability or Explosive Limits:	
		Lower	Not available.
		Upper	Not available.
Solubility(ies)	Not available		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	Not available
Chemical Stability	Stable under recommended storage conditions.
Hazardous Polymerization	Not available.
Conditions to Avoid	Not available
Incompatible Materials	Strong oxidizing agents
Hazardous Decomposition Products	Iron oxides, Zinc/zinc oxides

Section 11: Toxicological Information

RTECS	ZH4810000
Acute Toxicity	Not available
Skin Corrosion/Irritation	Not available
Serious Eye Damage/Irritation	Not available
Respiratory or Skin Sensitization	Not available
Germ Cell Mutagenicity	Not available.
Carcinogenicity	Not available.
Reproductive Toxicity	Not available.
Routes of Entry	Not available
Symptoms Related to Exposure	Not available

Potential Health Effects

Not available.

Target Organ(s) Not available.

Section 12: Ecological Information
Ecotoxicity

Not available

Persistence and Degradability

Not available.

Bioaccumulative Potential

Not available.

Mobility in Soil

Not available.

Other Adverse Effects

Not available.

Section 13: Disposal Considerations
Waste Disposal

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Disposal of Container

Dispose of as unused product.

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

-----\Chemical Inventory Status - Part 1\-----	Ingredient			TSCA	EC
Japan	Australia	Zinc Oxide (1314-13-2)	Yes	Yes	Yes
Oxide, Fe2O3 (1309-37-1)	Yes	Yes	Yes	Yes	-----\Chemical Inventory Status - Part 2\-----
-----\Canada-----					
Korea	DSL	NDSL	Phil. Zinc Oxide (1314-13-2)	Yes	Yes
No	Yes	Iron Oxide, Fe2O3 (1309-37-1)	Yes	Yes	No
-----\Federal, State & International Regulations - Part 1\-----					
SARA 313		RQ	TPQ	List	-----\SARA 302\-----
(1314-13-2)	No	No	No	Zinc compound	Iron Oxide, Fe2O3 (1309-37-1)
No	No	-----\Federal, State & International Regulations - Part 2\-----			
-RCRA-	-TSCA-		CERCLA	261.33	8(d) Zinc Oxide (1314-13-2)
No	No	No	Iron Oxide, Fe2O3 (1309-37-1)	No	No
Weapons Convention: No		TSCA 12(b): No		CDTA: No SARA 311/312: Acute: Yes	
Fire: No		Pressure: No		Reactivity: No (Mixture / Solid)	
Australian Hazchem Code: None allocated. Poison Schedule: None allocated. WHMIS: This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.					

Other

Not available.



Safety Data Sheet

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

Calamine Powder USP

30-1022

Section 16: Other Information

Label Hazard Warning: CAUTION! MAY IRRITATE RESPIRATORY TRACT. Label Precautions: Avoid breathing dust. Keep container closed. Use with adequate ventilation. Label First Aid: If inhaled, remove to fresh air. Get medical attention for any breathing difficulty. Product use: Laboratory Reagent. Revision information: MSDS Section(s) changed since last revision of document include: 8.