


#102 - 2440 Canoe Ave
Coquitlam BC V3K 6C2

Section 1: Chemical Product and Company Identification

Catalog Name / Trade Name	SALICYLIC ACID, POWDER USP, (SC2)	Catalog Numbers:	SA119; SA120; SA120D; SA121; SA122; SA123; SA124;
Commercial Names:	Salicylic Acid	Chemical Family:	No data available
Synonyms:	No data available	CAS #:	69-72-7
Chemical Name:	No data available	RTECS:	VO0525000
Chemical Formula:	C7H6O3	TSCA:	No data available
Supplier:	Xenex Laboratories Inc. #102-2440 Canoe Avenue Coquitlam, BC. V3K 6C2. Canada Ph: (604) 552 3031 Ph: (800) 663 1002 Fax: (888) 552 4993	Emergency Contact:	1-703-527-3887 (CHEMTREC)


Section 2: Hazards Identification

GHS	Globally Harmonized System of Classification and Labelling of Chemicals	
Classification	Acute toxicity, Oral (Category 4) Skin corrosion/irritation (Category 3) Serious eye damage/eye irritation (Category 1)	
GHS Label elements, including precautionary statements		
Pictograms		
Signal Word:	Danger	
Hazard Statements:	H302	Harmful if swallowed
	H316	Causes mild skin irritation
	H318	Causes serious eye damage
Precautionary Statements:	P264	Wash ... thoroughly after handling
	P270	Do not eat, drink or smoke when using this product
	P280	Wear protective gloves/protective clothing/eye protection/face protection
	P301+312	IF SWALLOWED; Call a POISON CENTER or doctor/physician if you feel unwell
	P305+351+338	IF IN EYES; Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
	P332+313	If skin irritation occurs; Get medical advice/attention

P501 Dispose of contents/ container to an approved waste disposal plant.

WHMIS: Workplace Hazardous Materials Information System:

Pictograms




Classification CLASS D-2B Toxic Material

DSCL: Dangerous Substances Classification and Labeling

DSCL Pictograms

Risk Phrases:

Safety Phrases:

HMIS	Personal Protective Equipment	NFPA
Health Hazard: 2 Fire Hazard: 0 Reactivity: 0 Personal Protection:		

Potential Health Effects:

Inhalation May be harmful if inhaled. Causes respiratory tract irritation.
 Skin Harmful if absorbed through skin. Causes skin irritation.
 Eyes Causes eye irritation.
 Ingestion Harmful if swallowed.

Section 3: Composition and Information on Ingredients

Chemical Name / Ingredient Name:	CAS Number	% by Weight:
Salicylic Acid	69-72-7	<=100%

Section 4: First aid Measures

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Serious Inhalation: No data available

Skin Contact: Wash off with soap and plenty of water. Consult a physician.

Serious Skin Contact: No data available

Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Serious Eye Contact: No data available

Ingestion:	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Serious Ingestion:	No data available

Section 5: Fire and Explosion Data

Suitable extinguishing media and Instructions:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable Extinguishing Media:	No data available
Products of Combustion:	Hazardous decomposition products formed under fire conditions. - Carbon oxides
Special Protective Equipment:	Wear self-contained breathing apparatus for firefighting if necessary.
Flammability of the Product:	Not flammable or combustible.
Autolgnition Temperature:	No data available
Flash Points:	No data available
Flammable Limits:	No data available
Fire Hazards in Presence of Various Substances:	No data available
Special Remarks on Fire Hazards:	No data available
Explosion Hazards in Presence of Various Substances:	No data available
Special Remarks on Explosion Hazards:	No data available

Section 6: Accidental Release Measures

Personal Precautions:	Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
Enviromental Precautions	Do not let product enter drains.
Methods and materials for containment and cleanup:	Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7: Handling and Storage

Precautions for safe handling:

Avoid contact with skin and eyes. Avoid formation of dust and aerosols.
Provide appropriate exhaust ventilation at places where dust is formed.

Conditions for safe storage:

Keep container tightly closed in a dry and well-ventilated place.
Light sensitive.

Section 8: Exposure controls / Personal Protection**Exposure Limits****Engineering Controls:**

Use mechanical exhaust or laboratory fumehood to avoid exposure.

Personal Protection:**Respiratory protection**

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand 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.

Full contact

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: 480 min

Material tested: Dermatril® (KCL 740 / Aldrich Z677272, Size M)

Splash contact

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: 480 min

Material tested: Dermatril® (KCL 740 / Aldrich Z677272, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be

construed as offering an approval for any specific use scenario.

Eye protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and body protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal Protection incase of a Large Spill:

No data available

Section 9: Physical and Chemical Properties

Form	Crystalline
Colour	White
pH	2.4 at 20 °C (68 °F)
Melting point/freezing point	Melting point/range: 158 - 161 °C (316 - 322 °F) - lit.
Boiling Point	211 °C (412 °F) - lit.
Flash Point	157 °C (315 °F) - closed cup
Ignition temperature	540 °C (1,004 °F)
Lower explosion limit	1.1 %(V)
Vapour pressure	1 hPa (1 mmHg) at 114 °C (237 °F)
Density	1.440 g/cm ³
Partition coefficient: n-octanol/water	log Pow: 2.25 at 25 °C (77 °F)
Odour	Odourless

Section 10: Stability and Reactivity Data

Possibility of hazardous reactions:	No data available
Chemical Stability:	Stable under recommended storage conditions.
Conditions to avoid:	Light.
Incompatible materials:	Strong oxidizing agents, Strong bases, Iodine, Iron and iron salts.
Hazardous decomposition products:	Other decomposition products - No data available Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section 11: Toxicological Information

Routes of Entry:	No data available
Potential Acute Health Effects:	Inhalation May be harmful if inhaled. Causes respiratory tract irritation. Ingestion Harmful if swallowed. Skin Harmful if absorbed through skin. Causes skin irritation. Eyes Causes eye irritation.
Potential Chronic Health Effects:	No data available

Chronic Effects on Humans:	No data available
Special Remarks on Chronic Effects On Humans:	No data available
Other Toxic Effects on Humans:	Cough, Shortness of breath, Headache, Nausea, Vomiting Mild chronic salicylate intoxication is termed salicylism. Symptoms include: headache, dizziness, ringing in the ears, difficulty in hearing, dimness of vision, mental confusion, lassitude, drowsiness, sweating, thirst, hyperventilation, nausea, vomiting, and occasionally diarrhea. A more severe degree of salicylate intoxication is characterized by more pronounced CNS disturbances (including generalized convulsions and coma), skin eruptions, and marked alterations in acid-base balance. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
Special Remarks on Other Toxic Effects on Humans:	No data available
CARCINOGENIC EFFECTS:	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
MUTAGENIC EFFECTS:	Genotoxicity in vitro - Mouse - lymphocyte - with and without metabolic activation - negative Genotoxicity in vivo - Mouse - male - Intraperitoneal - negative
TERATOGENIC EFFECTS:	No data available
DEVELOPMENTAL TOXICITY:	No data available
Special Remarks on Toxicity to Animals:	Skin - Rabbit - No skin irritation - 4 h - OECD Test Guideline 404 Eyes - Rabbit - Risk of serious damage to eyes. Mouse - Does not cause skin sensitisation.

Toxicity:	Ingredient:	Route:	Specification:	Dose:	Duration:	Species:	Reference:
	Salicylic Acid	Dermal	(LD50) Acute	> 2,000 mg/kg		Rat	
		Inhalation	(LC50) Acute	> 900 mg/m ³	1 h	Rat	
		Oral	(LD50) Acute	891 mg/kg		Male Rat	

Section 12: Ecological Information

Ecotoxicity:	Toxicity to fish EC50 - Lepomis macrochirus - > 500 mg/l - 48 h Toxicity to daphnia and other aquatic invertebrates Immobilization EC50 - Daphnia magna (Water flea) - 870 mg/l - 48 h Method: OECD Test Guideline 202 Toxicity to algae Growth inhibition EC50 - Desmodesmus subspicatus (Scenedesmus subspicatus) - > 100 mg/l - 72 h Method: OECD Test Guideline 201
Persistence and degradability:	Biodegradability aerobic Result: > 90 % - Inherently biodegradable.
Bioaccumulative potential:	No data available

Mobility in soil:

No data available

Other adverse effects:

No data available

Section 13: Disposal Considerations**Waste Disposal:**

Product
Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.
Contaminated packaging
Dispose of as unused product.

Section 14: Transportation Information**DOT Classification****DOT Pictograms****TSCA:**

No data available

Identification:

No data available

Environmental Hazards:

No data available

Special Provisions For Transport:

No data available

Special Precautions:

No data available

Section 15: Other Regulatory Information**Federal and State Regulations:**

No data available

California Proposition 65 Warnings:

No data available

Other Regulations:

WHMIS Classification
D2B Toxic Material Causing Other Toxic Effects Moderate eye irritant
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the
MSDS contains all the information required by the Controlled Products Regulations.

Section 16: Other Information**MSDS Code:**

SA120X

References:

No data available

**Other Special
Considerations:**

No data available

Authored