GREEN VALLEY LABORATORY

Safety Data Sheet

Prepared according to Regulation (EC) No 1272/2008 (CLP) and the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 1 - Identification

1.1 Product identifier

Name of Preparation or Substance	Encapsulated Salicylic Acid
INCI Name	Salicylic Acid, Sodium Polyacrylate
Product Type	Water-soluble microencapsulated powder
Salicylic Acid Loading Capacity	45 - 55 %

1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended Use	Cosmetic raw material. For manufacturing and repackaging use only.
Uses Advised Against	Any use other than the recommended use above.

1.3 Details of the supplier of the Safety Data Sheet

Supplier Name	Green Valley Laboratory
Address	435 Hartford Pike, Killingly, CT 06241, USA
Contact	Help@dauphineorganics.com
Phone	n/a

1.4 Emergency telephone number

Emergency Phone No.	CHEMTREC Emergency Call Center +1 800-424-9300 (US & Canada) - +1 703-527-3887 (Europe)

SECTION 2 - Hazard Identification

2.1 Classification of the substance or mixture

The classification below is derived from the harmonised classification of salicylic acid (Index No 607-732-00-5, EC No 200-712-3) in Annex VI to Regulation (EC) No 1272/2008, applied at the declared salicylic acid content of 45 - 55 % w/w, which exceeds the generic concentration limits for serious eye damage and reproductive toxicity.

Acute toxicity, oral	Category 4 - H302
Serious eye damage / eye irritation	Category 1 - H318
Reproductive toxicity	Category 2 - H361d

2.2 Label elements

Hazard Pictogram	
Signal Word	Danger

Hazard statements

H302: Harmful if swallowed.

H318: Causes serious eye damage.
H361d: Suspected of damaging the unborn child.

Precautionary statements

P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P264: Wash thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P280: Wear protective gloves, protective clothing, eye protection and face protection.
P301+P312: IF SWALLOWED: Call a poison centre or doctor if you feel unwell.
P330: Rinse mouth.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a poison centre or doctor.
P308+P313: IF exposed or concerned: Get medical advice/attention.
P405: Store locked up.
P501: Dispose of contents and container in accordance with local, regional, national and international regulations.

2.3 Other hazards

Powder. Avoid generating and inhaling dust. PBT / vPvB assessment: not applicable. Classification note: this classification is a conservative read-across from the principal component. It has not been confirmed by testing of the encapsulated material; confirm it against the safety data sheet supplied with the lot in use.

SECTION 3 - Composition / Information on Ingredients

3.2 Mixtures

Ingredient	%W/W	CAS No.
Salicylic Acid (EC No 200-712-3; Index No 607-732-00-5). Acute Tox. 4, H302; Eye Dam. 1, H318; Repr. 2, H361d	45 - 55	69-72-7
Sodium Polyacrylate (encapsulating polymer). No classification data available.	Balance	9003-04-7

SECTION 4 - First Aid Measures

4.1 Description of first aid measures

General Information	Symptoms may appear after some delay; medical observation is advised following a significant exposure.
Inhalation	Move the person to fresh air and keep comfortable for breathing. Get medical advice if symptoms occur.
Skin Contact	Wash with plenty of water and soap. Remove contaminated clothing and wash it before reuse. Get medical advice if irritation develops.
Eye Contact	Causes serious eye damage. Rinse the opened eye cautiously with running water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing and immediately call a poison centre or doctor.
Ingestion	Rinse mouth. Do not induce vomiting. Call a poison centre or doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Serious eye damage. Harmful if swallowed. Dust may irritate the respiratory tract.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically. No specific antidote is known.

SECTION 5 - Fire Fighting Measures

Suitable Extinguishing Media	Use fire fighting measures that suit the environment.
Unsuitable Extinguishing Media	A solid water stream may be inefficient.
Special Hazards	The salicylic acid component has a closed-cup flash point of 157 °C and an autoignition temperature of 540 °C. Combustion may produce carbon oxides.

Advice for Firefighters	No special measures required.

SECTION 6 - Accidental Release Measures

Personal Precautions	Wear personal protective equipment as specified in Section 8, including tightly sealed eye protection. Avoid generating dust. Keep unprotected persons away. Ensure adequate ventilation.
Environmental Precautions	Do not allow the product to enter drains, surface water or ground water.
Methods for Containment and Clean-Up	Collect mechanically, avoiding dust generation, and place in a suitable closed container for disposal. A neutralising agent may be used on residues. Dispose of contaminated material in accordance with Section 13.
Reference to Other Sections	See Section 7 for safe handling, Section 8 for personal protection and Section 13 for disposal.

SECTION 7 - Handling and Storage

7.1 Precautions for safe handling

Handle in a well-ventilated area and minimise dust generation and accumulation. Avoid contact with the eyes and skin. Keep away from food and drink. Wash hands before breaks and at the end of work. Remove soiled or contaminated clothing immediately.

7.2 Conditions for safe storage, including any incompatibilities

Keep the container tightly closed in a cool, dry, well-ventilated place, protected from light and moisture. Keep away from strong bases, strong oxidising agents, iodine, and iron and iron salts. Store locked up.

7.3 Specific end use(s)

No further relevant information available.

SECTION 8 - Exposure Controls / Personal Protection

8.1 Control parameters

No occupational exposure limit values have been established for the components of this mixture.

8.2 Exposure controls

Engineering Controls	Provide adequate general and local exhaust ventilation to keep airborne dust to a minimum.
Eye / Face Protection	Tightly sealed safety goggles. Face protection where splashing or dust exposure is possible.
Hand Protection	Chemical-resistant protective gloves. The glove material must be impermeable and resistant to the product; breakthrough time must be confirmed with the glove manufacturer.
Skin / Body Protection	Protective work clothing.
Respiratory Protection	Not required with adequate ventilation. Where dust is generated, use a suitable particulate filter respirator.
Hygiene Measures	Wash hands before breaks and at the end of work. Do not eat, drink or smoke in the work area. Keep away from food and drink.

SECTION 9 - Physical and Chemical Properties

9.1 Information on basic physical and chemical properties of the mixture

Physical State	Solid, powder
Colour	White
Odour	Characteristic
Odour Threshold	Not determined
Solubility in Water	5 g/100 mL
Salicylic Acid Loading Capacity	45 - 55 %

Flammability	Not determined
pH	Not determined
Viscosity	Not applicable

9.2 Data for the principal component, salicylic acid

The following values apply to salicylic acid as a pure substance and not to the encapsulated powder.

Appearance	White crystals, fine needles or fluffy white crystalline powder
Odour	Odourless
Melting Point	158 - 160 °C
Boiling Point	211 °C at 20 mm Hg
Flash Point	157 °C, closed cup
Autoignition Temperature	540 °C
Density	1.443 g/cm³ at 20 °C
Solubility in Water	2,240 mg/L at 25 °C
Solubility in Ethanol	34.87 % by weight at 21 °C
Vapour Pressure	0.000082 mm Hg at 25 °C
pH	2.4 (saturated aqueous solution)
Partition Coefficient (log Pow)	2.26
Molecular Formula / Weight	C7H6O3 / 138.12 g/mol

SECTION 10 - Stability and Reactivity

10.1 Reactivity	No further relevant information available.
10.2 Chemical Stability	Stable under the recommended storage and handling conditions.
10.3 Possibility of Hazardous Reactions	No dangerous reactions known.
10.4 Conditions to Avoid	No further relevant information available.
10.5 Incompatible Materials	Strong bases, strong oxidising agents, iodine, iron and iron salts.
10.6 Hazardous Decomposition Products	Carbon oxides.

SECTION 11 - Toxicological Information

11.1 Information on toxicological effects

The data below are for the principal component, salicylic acid. No toxicological testing of the encapsulated powder is available.

Acute Toxicity, Oral	LD50 891 mg/kg (rat); LD50 480 mg/kg (mouse)
Acute Toxicity, Dermal	LD50 > 2 g/kg (rat)
Skin Corrosion / Irritation	No irritant effect reported in the published safety data sheet for the pure substance.
Serious Eye Damage / Irritation	Strong irritant, with the risk of severe eye injury.
Respiratory or Skin Sensitisation	No sensitising effects known.
Germ Cell Mutagenicity	No data available.
Carcinogenicity	Not listed by IARC, NTP or OSHA.
Reproductive Toxicity	Category 2 - suspected of damaging the unborn child.
STOT - Single Exposure	No data available.
STOT - Repeated Exposure	No data available.
Aspiration Hazard	No data available.

SECTION 12 - Ecological Information

12.1 Toxicity	No quantitative aquatic toxicity data available.
12.2 Persistence and Degradability	No data available.
12.3 Bioaccumulative Potential	No data available.
12.4 Mobility in Soil	No data available.
12.5 Results of PBT and vPvB Assessment	Not applicable.
12.6 Other Adverse Effects	The salicylic acid component is assigned German water hazard class 1, slightly hazardous for water. Do not allow undiluted product or large quantities to reach ground water, water courses or the sewage system.

SECTION 13 - Disposal Considerations

13.1 Waste Treatment Methods	Dispose of in accordance with local, regional, national and international regulations. Must not be disposed of with household waste. Do not allow the product to reach the sewage system.
Contaminated Packaging	Dispose of uncleaned packaging in accordance with official regulations.

SECTION 14 - Transport Information

The principal component is not regulated as a dangerous good for transport under DOT, IMDG, IATA or the UN Model Regulations.

14.1 UN Number	Not regulated
14.2 UN Proper Shipping Name	Not regulated
14.3 Transport Hazard Class(es)	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental Hazards	Not applicable
14.6 Special Precautions for User	Not applicable
14.7 Transport in Bulk (MARPOL Annex II / IBC Code)	Not applicable

SECTION 15 - Regulatory Information

15.1 Safety, health and environmental regulations specific for the substance or mixture

Regulation (EC) No 1272/2008 (CLP)	Salicylic acid: Index No 607-732-00-5; EC No 200-712-3.
TSCA (Toxic Substances Control Act)	Salicylic acid: ACTIVE.
SARA Section 355 (Extremely Hazardous Substances)	Salicylic acid: not listed.
SARA Section 313 (Toxic Chemical Listings)	Salicylic acid: not listed.
Hazardous Air Pollutants	Salicylic acid: not listed.
Substances known to cause cancer or reproductive toxicity (California)	Salicylic acid: not listed.

The entries above are for the salicylic acid component. No regulatory inventory or listing information was obtained for the encapsulating polymer.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

SECTION 16 - Other Information

Regulations and public databases used

Regulation (EC) No 1272/2008 (CLP), Annex VI Index No 607-732-00-5 and Annex IV precautionary statements
OSHA Hazard Communication Standard, 29 CFR 1910.1200
PubChem CID 338 (salicylic acid), National Library of Medicine

Cosmetic Ingredient Review, Safety Assessment of Salicylic Acid (2003), via the Hazardous Substances Data Bank
US EPA CompTox Chemicals Dashboard, DTXSID0049783 (sodium polyacrylate)
UN Recommendations on the Transport of Dangerous Goods, Model Regulations

Key to abbreviations

CLP: Classification, Labelling and Packaging; DOT: US Department of Transportation
IATA: International Air Transport Association; IMDG: International Maritime Dangerous Goods Code
IARC: International Agency for Research on Cancer; NTP: National Toxicology Program
PBT: persistent, bioaccumulative and toxic; vPvB: very persistent and very bioaccumulative
STOT: specific target organ toxicity

Basis of this document

The classification and the property data in this document are compiled from published regulatory sources and published specifications for the components of this mixture. They are not the result of testing on a specific lot of the encapsulated material. Confirm the classification and the physical data against the documentation supplied with the lot in use.

DISCLAIMER

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