



SILVER FERN CHEMICAL, INC.

Safety Data Sheet

Gum Rosin

SILVER FERN
CHEMICAL INC

1. IDENTIFICATION OF PRODUCT AND COMPANY

1.1 Product identifiers

Name of the product: WW Gum Rosin
Chemical Family: Organic Acids
CAS Number: 8050-09-7

1.2 Details of the Supplier of the Safety Data Sheet

Silver Fern Chemical, Inc.
2226 Queen Anne Avenue North, Suite B
Seattle WA 98109, USA
Phone: 1-866-282-3384

Business Contact

Customer Service: 1-866-282-3384
info@silverfernchemical.com

24 Hour Emergency Contact

Infotrac 1-800-535-5053 (USA & Canada)
Outside USA & Canada 1-352-323-3500

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture


It is not a hazardous substance or mixture according to OSHA Standard 29 CFR 1910.1200

Classification according to Regulation (EC) No. 1272/2008

Skin sensitisation (Category 1), H317

2.2 Label elements

Labeling according Regulation (EC) No. 1272/2008

Labeling according to Regulation (EC)	
Pictogram	 GHS07
Signal word	Warning
Hazard statement(s) H317	May cause an allergic skin reaction.
Precautionary statement(s) P280	Wear protective gloves.
Supplemental Hazard Statements	None

Precautionary statement – Prevention

P261 Avoid breathing dust. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves / protective clothing / eye protection / face protection.

Precautionary statement – Response

P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention. P321 Specific treatment (see First Aid Measures on Safety Data Sheet). P363 Wash contaminated clothing before re-use.

Precautionary statement – Storage

No storage statements

Precautionary statement – Disposal

P501 Dispose of contents and container in accordance with local, regional, national, international regulations.



2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Synonyms: Colophony, Gum Rosin
CAS No.: 8050-09-7
EC No.: 232-475-7
Index No.: 650-015-00-7

Hazardous ingredients according to Regulation (EC) No. 1272/2008

Component:		Classification:	Concentration:
Colophony			
CAS No.	8050-09-7	Skin Sens. 1; H317	<= 100%
EC No.	232-475-7		
Index No.	650-015-00-7		

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice Consult a physician. Show this safety data sheet to the doctor in attendance.

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

In case of skin contact Wash off with soap and plenty of water. Consult a physician.

In case of eye contact Flush eyes with water as a precaution.

If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed.

The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in Section 11.

4.3 Indication of any immediate medical attention and special treatment needed.

No data available.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture.

Nature of decomposition products not known.

5.3 Advice for firefighters.

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

No data available.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

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.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections.

For disposal see section 13.

7. HANDLING AND STORAGE

7.1 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.

For precautions see Section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Storage class (TRGS-510): Combustible Solids.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

8.2 Exposure controls

Appropriate engineering controls

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

Personal protective equipment

Eye/face 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).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protective equipment

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

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.

Respiratory protection

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle or (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Do not let product enter drains.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance	Form: Solidified mass or fragments
Colour	Dark yellow
Odour	No data available
Odour Threshold	No data available
pH	No data available
Melting point/freezing point	Melting point/range: 66.5 – 93.4 °C at ca. 1013.0 hPa
Initial boiling point and boiling range	No data available
Flash point	188 °C – closed cup
Evaporation rate	No data available
Flammability (solid gas)	No data available
Upper/lower flammability or explosive limits	No data available
Vapour pressure	0.06 mbar at ca. 20 °C
Vapour density	No data available
Relative density	ca. 1.034 kg/m ³ at 20 °C
Water solubility	No data available
Partition coefficient n-octanol/water	log Pow: 1.9 – 7.7
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available

9.2 Other Safety information

No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. Nature of decomposition products not known.

Other decomposition products – No data available

In the event of fire: See section 5

11. TOXICOLOGICAL INFORMATION

11. 1 Information on toxicological effects

Acute toxicity

LD50 Oral – Rat – male and female – 2,800 mg/kg (Colophony)

LD50 Dermal – Rat – male and female - >2,000 mg/kg (Colophony)

(OECD Test Guideline 402)

Skin corrosion/irritation

Skin – Rabbit (Colophony)

Result: No skin irritation – 4h

(OECD Test Guideline 404)

Serious eye damage/eye irritation

Eyes – Rabbit (Colophony)

Result: No eye irritation

(OECD Test Guideline 405)

Respiratory or skin sensitisation

No data available (Colophony)

Germ cell mutagenicity

Ames test (Colophony)

S. Typhimurium

Result: negative

Carcinogenicity

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.

11. TOXICOLOGICAL INFORMATION

Reproductive toxicity

No data available (Colophony)

Specific target organ toxicity – single exposure

No data available (Colophony)

Specific target organ toxicity – repeated exposure

No data available

Aspiration hazard

No data available (Colophony)

Additional Information

RTECS: VL0480000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. (Colophony)

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish

Static test LC50 – Brachydanio rerio (zebrafish) – 60.3 mg/l – 96 h (Colophony)
(OECD Test Guideline 203)

12.2 Persistence and degradability

Biodegradability

Aerobic – Exposure time 28 d (Colophony)
Result: 58% - Not readily biodegradable
(OECD Test Guideline 301B)

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available (Colophony)

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chem scrubber.

Contaminated packaging

Dispose of as unused product

