

Gum Rosin

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Issue date: 8/31/2021 Revision date: 8/31/2021 Version: 1.0

SECTION 1: Identification

1.1. Identification

Product form : Substance
Trade name : Gum Rosin
CAS-No. : 8050-09-7

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Industrial
Use of the substance/mixture : Resin
Restrictions on use : Any use not specified

1.3. Supplier

Western Reserve Chemical Corporation
4837 Darrow Road
Stow, OH, 44224
USA
T 330 650 2244 - F 330 650 2255
www.wrchem.com

1.4. Emergency telephone number

Emergency number : CHEMTREC 1 800 424 9300 USA; 800-681-9531 Mexico

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Skin sensitisation, Category 1 H317 May cause an allergic skin reaction.
Combustible Dust May form combustible dust concentrations in air
Full text of H-statements: see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labelling

Hazard pictograms (GHS) : 

Signal word (GHS) : Warning

Hazard statements (GHS_US) : May form combustible dust concentrations in air
H317 - May cause an allergic skin reaction.

Precautionary statements (GHS) : P261 - Avoid breathing dust.
P272 - Contaminated work clothing must not be allowed out of the workplace.
P280 - Wear protective clothing, eye protection, face protection.
P302+P352 - If on skin: Wash with plenty of soap and water.
P321 - Specific treatment (see First aid measures on this label).
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P363 - Wash contaminated clothing before reuse.
P501 - Dispose of contents/container to Dispose in a safe manner in accordance with local/national regulations.

2.3. Other hazards which do not result in classification

No data available

2.4. Unknown acute toxicity (GHS_US)

Not applicable

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SECTION 3: Composition/information on ingredients

3.1. Substances

Substance type : Mono-constituent

Name	Product identifier	%	GHS US classification
Gum Rosin (Main constituent)	CAS-No.: 8050-09-7	≈ 100	Skin Sens. 1, H317 Comb. Dust

Full text of hazard classes and H-statements : see section 16

3.2. Mixtures

Not applicable

SECTION 4: First-aid measures

4.1. Description of first aid measures

- First-aid measures general : No action shall be taken involving any personal risk or personnel without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.
- First-aid measures after inhalation : Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- First-aid measures after skin contact : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- First-aid measures after eye contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
- First-aid measures after ingestion : Wash out mouth with water. Remove dentures if any. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

4.2. Most important symptoms and effects (acute and delayed)

- Expected Symptoms/Effects, Acute and Delayed : See Sections 2 and 11.
- Symptoms/effects after inhalation : No known significant effects or critical hazards. No specific data.
- Symptoms/effects after skin contact : May cause an allergic skin reaction. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels. Adverse symptoms may include the following: irritation, redness.
- Symptoms/effects after eye contact : No known significant effects or critical hazards. No specific data.
- Symptoms/effects after ingestion : No known significant effects or critical hazards. No specific data.

4.3. Immediate medical attention and special treatment, if necessary

No specific treatment. Treat symptomatically.

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SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Use water spray (fog), foam, dry powder, or carbon dioxide, as appropriate for surrounding fire and materials.

Unsuitable extinguishing media : Do not use a water jet since it may cause the fire to spread.

5.2. Specific hazards arising from the chemical

Fire hazard : May form combustible dust concentrations in air. Dust may form explosive mixture in air.

Explosion hazard : Dust may form explosive mixture in air.

Hazardous decomposition products in case of fire : No specific data.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Protection during firefighting : Firefighting personnel should wear full protective gear and a MSHA/NIOSH (approved or equivalent) self-contained breathing apparatus (SCBA) in pressure-demand mode.

Other information : Organic powders when finely divided over a range of concentrations regardless of particulate size or shape and suspended in air or some other oxidizing medium may form explosive dust-air mixtures and result in a fire or dust explosion (including secondary explosions). When processed with flammable liquids/vapors/mists, ignitable (hybrid) mixtures may be formed with combustible dusts. Ignitable mixtures will increase the rate of explosion pressure rise and the MIE will be lower than the pure dust in air mixture. The Lower Explosive Limit (LEL) of the vapor/dust mixture will be lower than the individual LELs for the vapors/mists or dusts. See NFPA 77 for additional guidance.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Minimize airborne dust and eliminate all fire/ignition sources. Clean up spill as soon as possible using procedures described below. Do not breathe dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see section 8).

6.1.1. For non-emergency personnel

Emergency procedures : Do not breathe dust. See section 8 of the SDS for more information on personal protective equipment. Evacuate area. Evacuate unnecessary personnel. Clean spills promptly. Ventilate area. No flames, no sparks. Eliminate all sources of ignition. Avoid contact with skin, eyes and clothing. Whenever workplace conditions warrant a respirator's use, comply with respiratory protection requirements that meet OSHA 29 CFR 1910.134, ANSI Z88.2, or European Standard EN 149. Only qualified personnel equipped with suitable protective equipment may intervene.

6.1.2. For emergency responders

Protective equipment : If product is released or spilled, take proper precautions to minimize exposure by using appropriate personal protective equipment (see Section 8). Area should be adequately ventilated.

6.2. Environmental precautions

Prevent releases to soils, drains, sewers and waterways. Notify authorities if product enters sewers or public waters. Do not empty into drains. Avoid release to the environment.

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6.3. Methods and material for containment and cleaning up

- Methods for cleaning up
- : Small spill: Move containers from spill area. Do not use air hoses for cleaning. Minimize dry sweeping to avoid generation of dust clouds. Vacuum material and place in a designated, labelled waste container. Use spark-proof tools and explosion-proof equipment. Vacuums with explosionproof motors should be used. Dispose of via a licensed waste disposal contractor.
 - : Large spill: Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid creating dusty conditions and prevent wind dispersal. Do not use air hoses for cleaning. Minimize dry sweeping to avoid generation of dust clouds. Vacuum dust-accumulating surfaces and remove to a chemical disposal area. Use spark-proof tools and explosion-proof equipment. Vacuums with explosion-proof motors should be used. Dispose of via a licensed waste disposal contractor.
- Note: see section 1 for emergency contact information and section 13 for waste disposal.
- Other information
- : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

See Sections 8 and 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Additional hazards when processed
- : Dust may form flammable and explosive mixture with air.
- Precautions for safe handling
- : Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not get in eyes or on skin or clothing. Do not breathe dust. Do not ingest. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.
- COMBUSTIBLE DUST HANDLING PROCEDURES:**
- Combustible dusts at sufficient concentrations can form explosive mixtures with air. High dust concentrations should be avoided. Follow US NFPA Standard 654, "Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids" Train workers in the recognition and prevention of hazards associated with combustible dust in the plant. Minimize airborne dust and eliminate all ignition sources. Keep away from heat, hot surfaces, sparks, and flame. Establish good housekeeping practices. Remove dust accumulations on a regular basis by vacuuming or gentle sweeping to avoid creating dust clouds. Use continuous suction at points of dust generation to capture and minimize the accumulation of dusts. Particular attention should be given to overhead and hidden horizontal surfaces to minimize the probability of a "secondary" explosion. According to NFPA Standard 654, dust layers 1/32 in. (0.8 mm) thick can be sufficient to warrant immediate cleaning of the area. Control sources of static electricity. This product or the package itself can accumulate static charges, and static discharge can be a source of ignition. Solids handling systems must be designed in accordance with applicable NFPA standards (including 654 and 77) and other national guidance. Do not empty directly into flammable solvents or in the presence of flammable vapors. The operator, the packaging container and all equipment must be grounded with electrical bonding and grounding systems. Plastic bags and plastics cannot be grounded, and antistatic bags do not completely protect against development of static charges.
- Hygiene measures
- : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

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7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Avoid creating or spreading dust. Avoid static electricity discharges. Take precautionary measures against static discharge. Use only non-sparking tools.
Storage conditions	: Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep away from heat, hot surfaces, sparks and flame. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.
Packaging materials	: Store in original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Gum Rosin (8050-09-7)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Resin acids, as total Resin acids
ACGIH TWA (mg/m ³)	0.001 mg/m ³ (I - Inhalable particulate matter)
Remark (ACGIH)	TLV® Basis: Asthma; resp & eye irr; dermal & resp sens. Notations: DSEN; RSEN
Regulatory reference	ACGIH 2021
Monitoring methods	
Monitoring methods	NIOSH Method 0500.

8.2. Appropriate engineering controls

Appropriate engineering controls	: No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.
Environmental exposure controls	: Avoid release to the environment and operate within closed systems wherever practicable. Air and liquid emissions should be directed to appropriate pollution control devices. In case of spill, do not release to drains. Implement appropriate and effective emergency response procedures to prevent release or spread of contamination and to prevent inadvertent contact by personnel. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Hand protection:
Nitrile gloves.
Eye protection:
Wear safety glasses with side shields, or chemical splash goggles if necessary. Base the choice of protection on the job activity and potential for contact with eyes or face. An emergency eye wash station should be available.
Skin and body protection:
Wear suitable protective clothing. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

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Respiratory protection:

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Colour	: Yellow
Odour	: Piney
Odour threshold	: No data available
pH	: No data available
Melting point	: 100 – 150 °C (212-302 °F)
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 279 °C (534 °F)
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: Not determined
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 1.07 – 1.09
Solubility	: Insoluble
Log Pow	: No data available
Auto-ignition temperature	: 180 – 188 °C (356 - 370 °F)
Decomposition temperature	: No data available
Viscosity, kinematic	: Not determined
Viscosity, dynamic	: Not available
Explosive limits	: No data available
Explosive properties	: The Kst values listed are only representative values. A resin's characteristics may change depending upon the process and conditions of use at your facility or any changes made to the resin during use, including further grinding or mixing with other products. In order to obtain more specific data for your particular resin as it is used at your facility, we recommend that you conduct your own characterization testing.
Oxidising properties	: No data available
Dust deflagration index	: 200 – 315 bar·m/s. The values listed for MIE and dust deflagration index (Kst) are only representative values. A resin's characteristics may change depending upon the process and conditions of use at your facility or any changes made to the resin during use, including further grinding or mixing with other products. In order to obtain more specific data for your particular resin as it is used at your facility, we recommend that you conduct your own characterization testing.
Dust explosion category	: St 3 - Very strong explosion

9.2. Other information

Minimum ignition energy	: Estimated 1 - 3 mJ The values listed are only representative values. A resin's characteristics may change depending upon the process and conditions of use at your facility or any changes made to the resin during use, including further grinding or mixing with other products. In order to obtain more specific data for your particular resin as it is used at your facility, we recommend that you conduct your own characterization testing
Dust deflagration index	: 200 – 315 bar·m/s The values listed for MIE and dust deflagration index (Kst) are only representative values. A resin's characteristics may change depending upon the process and conditions of use at your facility or any changes made to the resin during use, including further grinding or mixing with other products. In order to obtain more specific data for your particular resin as it is used at your facility, we recommend that you conduct your own characterization testing.

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SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4. Conditions to avoid

Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Prevent dust accumulation. See Section 7 Handling. (See section 7: Handling and Storage).

10.5. Incompatible materials

Organic materials. Acids.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Gum Rosin (8050-09-7)	
LD50 Oral rat	> 4000 mg/kg The rat acute oral LD50 is reported to be > 5.0 grams/kg of body weight.
LD50 Dermal rat	> 2 g/kg The rat acute dermal LD50 based on the outcome of an O.E.C.D. test guideline no. 402 study with non-occlusive exposure is > 2.0 grams/kg of body weight.
LD50 Dermal rabbit	> 2500 mg/kg
LC50 Inhalation rat	No applicable toxicity data. No known significant effects or critical hazards.

Skin corrosion/irritation : Not classified
Not irritating to skin. In a rabbit GLP, O.E.C.D. test guideline no. 404 study there was little or no evidence of dermal reactions. In a rabbit 24 hr occlusive exposure study any evidence of skin irritation had cleared by 48 hr post-treatment. There was no evidence of skin irritation in a Human Repeat Insult Patch Test conducted with occlusive exposure for 23 hr.

Serious eye damage/irritation : Not classified
Not an eye irritant. In a rabbit GLP, O.E.C.D. test guideline no. 405 study a mean maximum score for one animal was 1.3 at 1 hr post-treatment. All mean eye irritation scores were 0 by 72 hr posttreatment.

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : In an O.E.C.D. test guideline no. 471 GLP bacterial mutation assay no increase of the mutant frequency was observed up to the high concentration of 5.0 mg/L with the pour-plate and preincubation methods. In two independent O.E.C.D. test guideline no. 473 studies with human lymphocytes conducted up to the high concentration of 3.5 mg/L with and without S9 metabolic activation system there was no increase of structural chromosome aberrations. No increase of the gene-mutation frequency was observed in a GLP, O.E.C.D. test guideline no. 476 mouse lymphoma L5178Y cell gene-mutation assay conducted up to cytotoxic dose levels with and without S9 metabolic activation preparation. No data, not genotoxic in vitro.
No developmental toxicity study data available. The results of a rat oral O.E.C.D. no. 421 reproductive and developmental screening study suggest limited potential for adverse developmental effects.

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Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified In a GLP, O.E.C.D. test guideline no. 421 dose-feed rat reproductive and developmental screening study, mean number of implantation sites, litter size, mean litter weight and mean pup weight was reduced at the high dose level of 10,000 ppm. These findings may have been impacted by the mean reduced maternal body weight and feed consumption observed at the high dose level.
STOT-single exposure	: No applicable toxicity data. No known significant effects or critical hazards.
STOT-repeated exposure	: Not classified In a rat single-dose dietary 90-day study there was little or on evidence of adverse systemic effects. The estimated NOAEL is 600 mg/kg/day. Other available repeated-dose studies are not reliable.

Gum Rosin (8050-09-7)	
NOAEL (oral, rat, 90 days)	600 mg/kg bodyweight/day (estimated)
Aspiration hazard	: Not classified
Viscosity, kinematic	: Not determined
Likely routes of exposure	: May be absorbed by inhalation, skin contact and ingestion.
Expected Symptoms/Effects, Acute and Delayed	: See Sections 2 and 11.
Symptoms/effects after inhalation	: No known significant effects or critical hazards. No specific data.
Symptoms/effects after skin contact	: May cause an allergic skin reaction. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels. Adverse symptoms may include the following:irritation, redness.
Symptoms/effects after eye contact	: No known significant effects or critical hazards. No specific data.
Symptoms/effects after ingestion	: No known significant effects or critical hazards.No specific data.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Ecology - water	: FISH - In GLP, O.E.C.D. test guideline no. 203 96 hr semi-static exposure studies with the Zebra fish the LC50 value for a Water Accommodated Fraction (WAF) was < 10 mg/L. The NOAEC was > 1.0 mg/L.Daphnia - In one O.E.C.D. test guideline no. 202 GLP study the static 48 hr EC50 with WAF = 911 mg/L. In two similar GLP O.E.C.D. no. 202 studies the reported static 48 hr EC100 values with WAF were < 100 mg/L.Algae - In three independent algal GLP O.E.C.D. test guideline no. 201 studies the static 72 hr EC50 for WAF was reported to range from > 100 mg/L to > 1.0 gram/L. The 3 hr EC50 value for domestic activated sludge in an GLP, O.E.C.D. test guideline no. 209 study was > 10 grams/L

12.2. Persistence and degradability

Gum Rosin (8050-09-7)	
Persistence and degradability	Not expected to persist. Biodegradable.

12.3. Bioaccumulative potential

Gum Rosin (8050-09-7)	
BCF fish 1	≈ The QSAR BCFBAF V3.0 of EPISUITE V4.0 predicted BCF is 56.2 and is similar to experimentally determined BCFs for resin acids of 25-130 in the rainbow trout
Bioaccumulative potential	Not expected to bioaccumulate. Not BPT because of readily biodegradability and all WAF EC50/LC50 values were substantially > 0.1 mg/L.

12.4. Mobility in soil

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Gum Rosin (8050-09-7)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	The QSAR KOCWIN V2.0 in EPISUITE V4.0 predicted Log Koc = 3.73

12.5. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Disposal methods

- Waste treatment methods : Used product should be disposed of according to local, state, and federal regulations. All wastes containing the material should be properly labeled. Dispose of wastes in accordance to prescribed federal, state, and local guidelines, e.g, appropriately permitted chemical waste incinerator. Rinse waters resulting from spill cleanups should be discharged in an environmentally safe manner, e.g, appropriately permitted municipal or on-site wastewater treatment facility.
- Waste disposal recommendations : The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any byproducts should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

- Proper Shipping Name (DOT) : Not applicable
Proper Shipping Name (TDG) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable

14.3. Transport hazard class(es)

DOT

- Transport hazard class(es) (DOT) : Not applicable

TDG

- Transport hazard class(es) (TDG) : Not applicable

IMDG

- Transport hazard class(es) (IMDG) : Not applicable

IATA

- Transport hazard class(es) (IATA) : Not applicable

14.4. Packing group

- Packing group (DOT) : Not applicable
Packing group (TDG) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable

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14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

Special transport precautions : Avoid release to the environment.

DOT

No data available

TDG

No data available

IMDG

No data available

IATA

No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed as Active, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA

Gum Rosin (8050-09-7)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No data available

National regulations

Gum Rosin (8050-09-7)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm.

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date : 08/31/2021

Data sources : Information from published literature and internal company data.

Full text of H-statements

H317	May cause an allergic skin reaction.
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Abbreviations and acronyms

ACGIH - American Conference of Governmental Industrial Hygienists; ADR/RID - European Agreement Concerning the International Carriage of Dangerous Goods by Road/Rail; AIHA - American Industrial Hygiene Association; CAS# - Chemical Abstract Services Number; CLP - Classification, Labelling, and Packaging of Substances and Mixtures; DNEL - Derived No Effect Level; DOT - Department of Transportation; EINECS - European Inventory of New and Existing Chemical Substances; ELINCS - European List of Notified Chemical Substances; EU - European Union; GHS - Globally Harmonized System of Classification and Labeling of Chemicals; IARC - International Agency for Research on Cancer; IDLH - Immediately Dangerous to Life or Health; IATA - International Air Transport Association; IMDG - International Maritime Dangerous Goods; LOEL - Lowest Observed Effect Level; LOAEL - Lowest Observed Adverse Effect Level; NIOSH - The National Institute for Occupational Safety and Health; NOEL - No Observed Effect Level; NOAEL - No Observed Adverse Effect Level; NTP - National Toxicology Program; OEL - Occupational Exposure Limit; OSHA - Occupational Safety and Health Administration; PBT - Persistent, Bioaccumulative, and Toxic; PNEC - Predicted No Effect Concentration; SARA - Superfund Amendments and Reauthorization Act; STOT - Specific Target Organ Toxicity; STEL - Short Term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

Indication of changes:

Section	Changed item	Change	Comments
16			This is the first version of this SDS

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.