SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name	Rosin in Reagent Alcohol, 6 Ounces
CAS number	See Section 3
Synonyms	No information available

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

Identified uses	Laboratory Chemicals

1.3 Details of the supplier of the safety data sheet

Company	Lab Alley, LLC 12501 Pauls Valley Road Austin, Texas 78737 U.S.A.
Telephone	512-668-9918
Fax	512-886-4008

1.4 Emergency telephone

Emergency Phone #	US & Canada: 1-800-535-5053	INFOTRAC
	International 1-352-323-3500	INFOTRAC

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Flammable liquids: Category 2
Acute toxicity, oral: Category 4
Acute toxicity, dermal: Category 5
Sensitisation, skin: Category 1

Serious eye damage/eye irritation: Category 2A
Acute toxicity, inhalation: Category 4
Specific target organ toxicity, single exposure: Category 1
Specific target organ toxicity, repeated exposure: Category 1

2.2 GHS Label elements, including precautionary statements

Pictogram

Signal Word: Danger

Hazard statements:
Highly flammable liquid and vapour
Harmful if swallowed
May be harmful in contact with skin
May cause an allergic skin reaction
Causes serious eye irritation
Harmful if inhaled
Causes damage to organs (target organs: respiratory system, central nervousn system, and optic nerve)
Causes damage to organs through prolonged or repeated exposure (target organs: kidney, liver, spleen and blood)

Precautionary statements:
Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
Keep container tightly closed.

Keep container tightly closed.
Ground and bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting equipment.
Use non-sparking tools.
Take action to prevent static discharges.
Do not breathe dust/fume/gas/mist/vapours/spray.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.
Do not eat, drink, or smoke when using this product.
Use only outdoors or in a well-ventilated area.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.
If swallowed: Call a Poison Center/doctor if you feel unwell.
If on skin: Call a Poison Center/doctor if you feel unwell.
If on skin: Wash with plenty of soap and water.
If on skin (or hair): Take off immediately all contaminated clothing.
Rinse skin with water/shower.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If exposed or concerned: Call a Poison Center/doctor.
Call a Poison Center/doctor if you feel unwell.
Get medical advice/attention if you feel unwell.
Rinse mouth.
If skin irritation or rash occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
In case of fire: Use dry chemical, carbon dioxide, dry sand, water spray or alcohol-resistant foam to extinguish.
Store in a well-ventilated place. Keep cool.
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

No information available.

SECTION 3: Composition/information on ingredients

3.1 Components

Chemical name	Common name and synonyms	CAS number	Concentration
Rosin, gum	No information available.	8050-09-7	10 w/v
Ethyl Alcohol	No information available.	64-17-5	95 v/v
Methyl Alcohol	No information available.	67-56-1	5 v/v

SECTION 4: First aid measures

4.1 Description of first-aid measures

General advice

If inhaled	If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
In case of skin contact	In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention.
In case of eye contact	In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Get medical attention.
If swallowed	If swallowed, get immediate medical advice. Do not induce vomiting. Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

No information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	For small fires, use dry chemical, carbon dioxide, dry sand, water spray or alcohol-resistant foam. For large fires, use water spray, fog, or alcohol-resistant foam. Use water spray to cool fire-exposed containers. Water may be ineffective. Do NOT use straight streams of water.
Unsuitable extinguishing media	No information available.

5.2 Specific hazards arising from the substance or mixture

Static discharge could act as an ignition source.

5.3 Special protective equipment and precautions for firefighters

Containers can build up pressure if exposed to heat and/or fire. As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Vapors may form an explosive mixture with air. Vapors can travel to a source of ignition and flash back. Will burn if involved in a fire. Flammable Liquid. Can release vapors that form explosive mixtures at temperatures above the flashpoint. Use water spray to keep fire-exposed containers cool. Containers may explode in the heat of a fire.

5.4 Further information

Flash Point	Not available
Autoignition Temperature	Not available

Explosion limits

Upper Not available
Lower Not available
Sensitivity to Mechanical Impact Not available
Sensitivity to Static Discharge Not available
NFPA

Health	Flammability	Instability	Physical hazards
2	4	0	N/A

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protective equipment. Do not ingest or inhale. Do not get on skin or clothing. Do not get in eyes. Ensure adequate ventilation. Keep away from heat. Eliminate all sources of ignition.

6.2 Environmental precautions

No information available.

6.3 Methods and materials for containment and cleaning up

Absorb with inert material such as sand, earth, or vermiculite. Do NOT absorb with combustible material such as saw dust or cellulosic material. Carefully sweep up and containerize for proper disposal. Use only non-sparking tools. Use explosion- proof equipment and take precautionary measures against static discharge. Do not release to the environment. Do not release to drains.

6.4 Reference to other sections

No information available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use care when handling. Wear personal protective equipment. Wash thoroughly after handling. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.

Hygiene measures

No information available.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Keep in a tightly closed and non-metal container. Store in a cool, dry, well-ventilated area. Use only non-sparking tools. Use explosion-proof electrical/ventilating/lighting equipment. Use proper grounding procedures to avoid static electricity. Keep away from incompatible materials. Protect from heat. Vapors heavier than air may travel considerable distance and ignite or explode.

Incompatibilities

See Section 10.

SECTION 8: Exposure controls/personal protection

8.1 Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Component	Type	Value (Final PELs)
Rosin, gum CAS#8050-09-7	TWA (Vacated)	0.1 mg/m3
Ethyl Alcohol CAS#64-17-5	TWA TWA	1000 ppm 1900 mg/m3
Methyl Alcohol CAS#67-56-1	TWA TWA	200 ppm 260 mg/m3

US. ACGIH Threshold Limit Values

Component	Type	Value
Rosin, gum CAS#8050-09-7	TWA	0.001 mg/m3
Ethyl Alcohol CAS#64-17-5	STEL	1000 ppm
Methyl Alcohol CAS#67-56-1	TWA STEL	200 ppm 250 ppm Skin

US. NIOSH: Pocket Guide to Chemical Hazards

Component	Type	Value
Rosin, gum CAS#8050-09-7	TWA	0.1 mg/m3
Ethyl Alcohol CAS#64-17-5	TWA TWA IDLH	1000 ppm 1900 mg/m3 3300 ppm
Methyl Alcohol CAS#67-56-1	TWA TWA STEL STEL IDLH	200 ppm 260 mg/m3 250 ppm 325 mg/m3 6000 ppm

Biological occupational exposure limits

No information available.

8.2 Exposure controls

Appropriate engineering controls

Use explosion-proof ventilation equipment. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Personal protective equipment

Eye/face protection

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin protection
Wear appropriate protective gloves to prevent skin exposure.

Body Protection
Wear appropriate protective clothing to prevent skin exposure.

Respiratory protection
A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

Control of environmental exposure
No information available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical State	Liquid
Appearance	Amber-brown
Odor	Alcohol-like
Odor Threshold	Not available
pH	4.0-5.1
Melting Point/Range	Not available
Boiling Point/Range	Not available
Evaporation Rate	Not available
Flammability (solid)	Not available
Flammability or explosive limit	Not available
Upper	Not available
Lower	Not available
Vapor Pressure	Not available
Vapor Density	Not available
Density	Not available
Solubility	Not available
Partition coefficient; n-octanol/water	Not available
Autoignition Temp	Not available
Decomposition Temp	Not available
Viscosity	Not available
Molecular Formula	Not available
Molecular Weight	Not available
VOC Content(%)	Not available
Oxidizing properties	Not available

9.2 Other safety information

Not available

SECTION 10: Stability and reactivity

10.1 Reactivity

Reacts violently with oxidizers: Risk of fire/explosion.

10.2 Chemical stability

Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

Avoid direct sunlight and extremely high or low temperatures. Avoid all possible sources of ignition (spark or flame). Keep away from hot surfaces and avoid incompatible materials.

10.5 Incompatible materials

Strong oxidizing agents, acids, alkali metals, ammonia, hydrazine, peroxides, sodium, acid anhydrides, calcium hypochlorite, chromyl chloride, nitrosyl perchlorate, bromine pentafluoride, perchloric acid, silver nitrate, mercuric nitrate, potassium-tert-butoxide, magnesium perchlorate, acid chlorides, platinum, uranium hexafluoride, silver oxide, iodine heptafluoride, acetyl bromide, disulfuryl difluoride, tetrachlorosilane + water, acetyl chloride, permanganic acid, ruthenium (VIII) oxide, uranyl perchlorate, and potassium dioxide.

10.6 Hazardous decomposition products

Carbon oxides, formaldehyde, irritating and toxic fumes and gases.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Product Information, Component Information

Acute toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Rosin, gum CAS#8050-09-7	2800 mg/kg (rat)	>2000 mg/kg (rat)	1.5 mg/L 4h (rat)
Ethyl Alcohol CAS#64-17-5	10470 mg/kg (rat)	Not available	124.7 mg/L 4h (rat)
Methyl Alcohol CAS#67-56-1	100.1 mg/kg (expert judgement)	300.1 mg/kg (expert judgement)	3.1 mg/L 4h vapor (expert judgement)

Skin corrosion/irritation

Not available.

Serious eye damage/eye irritation

Not available.

Respiratory or skin sensitization
Not available.

Germ cell mutagenicity
Methyl alcohol is investigated as a mutagen.

Carcinogenicity
Rosin, gum CAS# 8050-09-7 is not listed by IARC, NTP, ACGIH, OSHA, or California Prop. 65. Ethyl Alcohol CAS#64-17-5 is not listed by OSHA. Ethyl Alcohol is listed by IARC (Group 1, Carcinogenic to Humans), NTP (Known Carcinogen), and ACGIH (A3, Animal Carcinogen). Ethyl Alcohol is listed by California Prop. 65 as a developmental carcinogen (alcoholic beverages only). Methyl Alcohol CAS#67-56-1 is not listed by IARC, NTP, ACGIH, or OSHA. Methyl Alcohol is listed by California Prop. 65 as a developmental carcinogen.

Specific target organ toxicity - single exposure
Respiratory system, central nervous system, and optic nerve.

Specific target organ toxicity - repeated exposure
Kidney, liver, spleen and blood.

Reproductive toxicity
Methyl alcohol is investigated as a reproductive effector.

Chronic effects
Not available.

11.2 Additional Information
Skin: Repeated exposure of ethyl alcohol may cause skin dryness or cracking. Ethyl Alcohol overexposure may lead to headache, dizziness, tiredness, nausea, and vomiting.
Information on the likely routes of exposure: Routes of entry anticipated: oral, dermal, inhalation, and eye.
Symptoms associated with exposure: Rosin may cause an allergic skin reaction. Symptoms of an allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain or flushing. Prolonged or repeated exposure can defat the skin and lead to irritation, cracking, and/or dermatitis. Eye contact may result in corneal damage, blindness, pain, irritation, watering, redness, blurred or double vision. Causes damage to organs if in contact with skin, if inhaled, or if swallowed.
The toxicological properties of this material have not been thoroughly investigated.

SECTION 12: Ecological information

12.1 Toxicity
Do not release to the environment. Do not release to drains. Toxic to aquatic life. May cause long-term

12.2 Persistence and degradability

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Rosin, gum CAS#8050-09-7	400 mg/L 72h (desmodesmus subspicatus)(green algae)	60.3 mg/L 96h static (brachydanio rerio) (zebrafish)	31.5 mg/L 30min	3.8-5.4 mg/L 48h (daphnia magna)
Ethyl Alcohol CAS#64-17-5	275 mg/L 72h (chorella vulagaris)	14200 mg/L 96h (pimephales promelas) (fathead minnow)	IC50, bacteria: >1000 mg/L 3h (activated sludge) 34634 mg/L 30min (photobacterium phosphoreum) 35470 mg/L 5min (photobacterium phosphoreum)	9268 mg/L 48h 10800 mg/L 24h
Methyl Alcohol CAS#67-56-1	22000 mg/L 96h static (pseudokirchneriella subcapitata)(green algae)	15400 mg/L 96h-flow-through (lepomis macrochirus) (bluegill) 19000 mg/L 96h (oncorhynchus mykiss) (rainbow trout)	IC50, bacteria: >1000 mg/L 3h static (activated sludge)	18260 mg/L 96h semi-static (daphnia magna)

12.3 Bio accumulative potential

Not available.

12.4 Mobility in soil

Will likely be mobile in the environment due to its water solubility and volatility.

12.5 Results of PBT and vPvB assessment

Not available.

12.6 Endocrine disrupting properties

Not available.

12.7 Other adverse effects

Not available.

SECTION 13: Disposal considerations

13.1 Waste Disposal Methods

Dispose of in accordance with all federal, state, and local regulations.

SECTION 14: Transport information

DOT (US)

UN Number	UN1987
Proper Shipping name	Alcohols, N.O.S.
Hazard Class	3 (flammable)

Packaging Group	II

IMDG

UN Number	UN1987
Proper Shipping name	Alcohols, N.O.S.
Hazard Class	3 (flammable)
Packaging Group	II

IATA

UN Number	UN1987
Proper Shipping name	Alcohols, N.O.S.
Hazard Class	3 (flammable)
Packaging Group	II

SECTION 15: Regulatory information

US federal regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
No information available.

CERCLA Hazardous Substance List (40 CFR 302.4)
No information available.

SARA 304 Emergency release notification
No information available.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)
No information available.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance
No information available.

SARA 311/312 Hazardous
No information available.

SARA 313 (TRI reporting)
No information available.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
No information available.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
No information available.

Safe Drinking Water Act
No information available.

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace
No information available.

US state regulations

US. Massachusetts RTK - Substance List
No information available.

US. New Jersey Worker and Community Right-to-Know Act
No information available.

US. Pennsylvania Worker and Community Right-to-Know Law
No information available.

California Proposition 65
No information available.

SECTION 16: Other information

Date of Issue: 12/29/2025

SECTION 17: Disclaimer

The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.