

AKA VAN WATERS - Rodgers INC

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UNIVAR

Material Safety Data Sheet

LA2759
Gum Turpentine

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Id: LA2759
Product Name: Gum Turpentine
Synonyms: None
Chemical Family: None Known
Application: Not Available.

Distributed By:
Univar Canada Ltd.
9800 Van Horne Way
Richmond, BC
V6X 1W5

Prepared By: The Environment, Health and Safety Department of Univar Canada Ltd.
Preparation date of MSDS: 28/Jan/2013
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24-Hour Emergency Telephone Number (CANUTEC): (613) 996-6666

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Percentage (W/W)	LD50s and LC50s Route & Species:
Turpentine 8006-64-2	60-100	Inhalation LC50 Rat = 13700 mg/m ³ 4 h Oral LD50 Rat = 5760 mg/kg

Note: No additional remark.

3. HAZARDS IDENTIFICATION

Potential Acute Health Effects:

Eye Contact: Causes moderate to severe irritation, experienced as discomfort or pain, excess blinking and tear production, with marked excess redness and swelling of the conjunctiva.

Skin Contact: Causes mild skin irritation. May cause irritation with itching, burning, redness, swelling or rash. Prolonged and or repeated contact may cause allergic skin reaction in sensitive individuals.

Inhalation: Causes irritation of the lungs and respiratory tract. May cause headaches, dizziness, nausea, vomiting. May cause CNS depression (drowsiness, loss of coordination/fatigue), blood/bone marrow damage, and reversible liver/kidney damage. May cause coughing.

Ingestion: Moderately toxic. Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into lungs can cause chemical pneumonitis, which can be fatal. May cause central nervous system depression that causes stupor, coma and eventually death if ingested in excessive quantities. Symptoms include: nausea, drowsiness, dizziness, headache, weakness, tremors and loss of consciousness.

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4. FIRST AID MEASURES

Eye Contact: In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

Skin Contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes. Get medical attention. Remove contaminated clothing and laundry before reuse.

Inhalation: Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.

Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious or convulsing person. Seek immediate medical attention. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.

Notes to Physician: Treatment based on sound judgment of physician and individual reactions of patient.

5. FIRE FIGHTING MEASURES

Flash Point: None.

Flash Point Method: Closed cup.

Autoignition Temperature: 253°C /488°F

Flammable Limits in Air (%): Not Available.

Extinguishing Media: Use DRY chemicals, CO₂, alcohol foam or water spray. Water may not be effective to extinguish fire.

Special Exposure Hazards: Extremely flammable. May float on water - treat as a grease fire. Static electricity will accumulate and may ignite vapors. Prevent a possible fire hazard by bonding and grounding or inert gas purge. May form flammable/explosive vapor-air mixture. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.

Hazardous Decomposition/Combustion Materials (under fire conditions): Carbon monoxide.

Special Protective Equipment: Fire fighters should wear full protective clothing, including self-contained breathing equipment.

NFPA RATINGS FOR THIS PRODUCT ARE: HEALTH 1, FLAMMABILITY 3, INSTABILITY 0

HMIS RATINGS FOR THIS PRODUCT ARE: Not Available.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautionary Measures: Wear appropriate protective equipment.

Environmental Precautionary Measures: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. Consult local authorities.

Procedure for Clean Up: Isolate hazard area and restrict access. Absorb with an inert dry material and place in an appropriate waste disposal container. Avoid direct contact with material. Remove sources of ignition and ventilate area.

7. HANDLING AND STORAGE

Handling: For industrial use only. Handle and open containers with care. Avoid contact with eyes, skin and clothing. Do not ingest. Avoid inhalation of chemical. Empty containers may contain hazardous product residues. Keep the containers closed when not in use. Protect against physical damage. Use appropriate personnel protective equipment. Keep away from heat, sparks and flame.

Storage: Store in a cool, dry, well ventilated area, away from heat and ignition sources. Place away from incompatible materials. Store in accordance with good industrial practices.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.

Respiratory Protection: If exposure exceeds occupational exposure limits, use an appropriate NIOSH approved respirator. In case of spill or leak resulting in unknown concentration, use a NIOSH approved supplied air respirator.

Gloves:

Appropriate chemical resistant gloves should be worn. Polyvinylchloride (PVC) gloves.

Skin Protection: Skin contact should be prevented through the use of suitable protective clothing, gloves and footwear, selected for conditions of use and exposure potential. Consideration must be given both to durability as well as permeation resistance.

Eyes: Chemical goggles; also wear a face shield if splashing hazard exists.

Other Personal Protection Data: Ensure that eyewash stations and safety showers are proximal to the work-station location.

Ingredients	Exposure Limit - ACGIH	Exposure Limit - OSHA	Immediately Dangerous to Life or Health - IDLH
Turpentine	20 ppm TLV-TWA	100 ppm TWA 560 mg/m ³ TWA	800 ppm

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid. (Oily).

Color: Colorless or light yellow.

Odor: Characteristic.

pH Not Available.

Specific Gravity: 0.860 - 0.875

Boiling Point: Not Available.

Freezing/Melting Point: -50 - -60°C/ -58 - -76°F

Vapor Pressure: 5 mmHg @ 25°C

Vapor Density: 4.7

% Volatile by Volume: Not Available.

Evaporation Rate: Not Available.

Solubility: Insoluble in water. Soluble in alcohol.

VOCs: Not Available.

Viscosity: Not Available.

Molecular Weight: Not Available.

Other: Not Available.

10. STABILITY AND REACTIVITY

Chemical Stability: Stable.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Avoid excessive heat, open flames and all ignition sources.

Materials to Avoid: Halogens. Oxidizers.

Hazardous Decomposition Products: Not available.

Additional Information:

No additional remark.

11. TOXICOLOGICAL INFORMATION

Principle Routes of Exposure

Ingestion: Moderately toxic. Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into lungs can cause chemical pneumonitis, which can be fatal. May cause central nervous system depression that causes stupor, coma and eventually death if ingested in excessive quantities. Symptoms include: nausea, drowsiness, dizziness, headache, weakness, tremors and loss of consciousness.

Skin Contact: Causes mild skin irritation. May cause irritation with itching, burning, redness, swelling or rash. Prolonged and or repeated contact may cause allergic skin reaction in sensitive individuals.

11. TOXICOLOGICAL INFORMATION

Inhalation: Causes irritation of the lungs and respiratory tract. May cause headaches, dizziness, nausea, vomiting. May cause CNS depression (drowsiness, loss of coordination/fatigue), blood/bone marrow damage, and reversible liver/kidney damage. May cause coughing.

Eye Contact: Causes moderate to severe irritation, experienced as discomfort or pain, excess blinking and tear production, with marked excess redness and swelling of the conjunctiva.

Additional Information:

Acute Test of Product:

Acute Oral LD50: Not Available.

Acute Dermal LD50: Not Available.

Acute Inhalation LC50: Not Available.

Carcinogenicity:

Ingredients	IARC - Carcinogens	ACGIH - Carcinogens
Turpentine	Not listed.	A4

Carcinogenicity Comment: No additional information available.

Reproductive Toxicity/ Teratogenicity/ Embryotoxicity/ Mutagenicity: Not Available.

12. ECOLOGICAL INFORMATION

Ecotoxicological Information:

Ingredients	Ecotoxicity - Fish Species Data	Acute Crustaceans Toxicity:	Ecotoxicity - Freshwater Algae Data
Turpentine	Not Available.	Not Available.	Not Available.

Other Information:

No additional remark.

13. DISPOSAL CONSIDERATIONS

Disposal of Waste Method: Disposal of all wastes must be done in accordance with municipal, provincial and federal regulations.

Contaminated Packaging: Empty containers should be recycled or disposed of through an approved waste management facility.

14. TRANSPORT INFORMATION

DOT (U.S.):

DOT Shipping Name: TURPENTINE

DOT Hazardous Class 3

DOT UN Number: UN1299

DOT Packing Group: III

DOT Reportable Quantity (lbs): Not Available.

Note: No additional remark.

Marine Pollutant: No.

TDG (Canada):

TDG Shipping Name: TURPENTINE

Hazard Class: 3

UN Number: UN1299

Packing Group: III

Note: No additional remark.

Marine Pollutant: No.

15. REGULATORY INFORMATION

U.S. TSCA Inventory Status: All components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt.

Canadian DSL Inventory Status: All components of this product are either on the Domestic Substances List (DSL), the Non-Domestic Substances List (NDSL) or exempt.

Note: Not available.

U.S. Regulatory Rules

Ingredients	CERCLA/SARA - Section 302:	SARA (311, 312) Hazard Class:	CERCLA/SARA - Section 313:
Turpentine	Not Listed.	Not Listed.	Not Listed.

California Proposition 65: Not Listed.

MA Right to Know List: Listed.

New Jersey Right-to-Know List: Listed.

Pennsylvania Right to Know List: Not Listed.

WHMIS Hazardous Class:

B2 FLAMMABLE LIQUIDS

D1B TOXIC MATERIALS

D2B TOXIC MATERIALS



16. OTHER INFORMATION

Additional Information:

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

Disclaimer:

NOTICE TO READER:

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Do not use ingredient information and/or ingredient percentages in this MSDS as a product specification. For product specification information refer to a Product Specification Sheet and/or a Certificate of Analysis. These can be obtained from your local Univar Sales Office.

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END OF MSDS