

Safety Data Sheet

Product Identifier

SECTION 1. IDENTIFICATION

Product Identifier Liquid Rubber Deck & Patio Cleaner
Other Means of Identification None
Recommended Use This material is intended to be used as a cleaning product.
Restrictions on Use None known
Initial Supplier Identifier Liquid Rubber Canada Inc.
#16-1150 Eighth Line, Unit 16, Oakville, Ontario L6H 2R4, CANADA
Emergency Telephone 1-855-592-1049 Between the hours of 8:30 am – 5:00 pm Monday to Friday

CANUTEC 1-888-CAN-UTEC (226-8832), 613-996-6666 or *666 on a cellular **phone**

SECTION 2. HAZARD IDENTIFICATION

Classification None, not regulated
Label Elements None, not regulated
Other Hazards None, not regulated

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration (%w/w)	Common Name / Synonyms	Other Identifiers
2-hydroxypropane-1,2,3-tricarboxylic acid	77-92-9	1.00% - 5.00%	CITRIC ACID	n/a

SECTION 4. FIRST-AID MEASURES

Inhalation: Remove victim from exposure area immediately and keep them in fresh air at a rest position that is comfortable for breathing. If not breathing, if breathing is irregular, or if respiratory arrest occurs, administer artificial respiration or oxygen if trained personnel is available. It may be dangerous for the person administering aid to perform mouth-to-mouth resuscitation. Get medical attention. If unconsciousness occurs, place victim in recovery position and get medical attention immediately. Maintain an open airway.

Skin Contact: Immediately flush contaminated skin with copious amounts of water. Continue to rinse for at least 20 minutes. Get medical attention if irritation develops or persists. Contaminated clothing should be removed in a manner limiting further exposure. Contaminated clothing must be washed before reuse. Clean footwear thoroughly before reuse.

Eye Contact: Flush eyes immediately with copious amounts of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes.

Ingestion: Wash out mouth with water. Get medical attention immediately. Substance may be harmful if swallowed. If material has been swallowed and the exposed person is conscious, give small amounts of water to drink. Stop giving water if the exposed person feels ill, as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting does occur, keep the victim's head low to prevent vomit from entering the lungs. Never give anything by mouth to an unconscious person.

Most Important Symptoms and Effects, Acute and Delayed:

Eye Contact: May cause eye irritation.

Skin contact: May cause skin irritation.

Inhalation: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

Immediate Medical Attention and Special Treatment:

Eye Contact: Adverse symptoms may include, but are not limited to, the following: Redness, Pain or irritation, Watering.

Skin contact: Adverse symptoms may include, but are not limited to, the following: Pain or irritation, Redness, Blistering may occur.

Inhalation: No known significant effects or critical hazards.

Ingestion: Adverse symptoms may include, but are not limited to, the following:

Stomach pains

Specific Treatment: No specific treatment

Notes to physician: Treat symptomatically. Contact a poison treatment specialist immediately if large quantities have been ingested or inhaled.

Note: Refer to Section 11 for toxicological information

SECTION 5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Use dry chemical, CO₂, water spray (fog) or foam.

Unsuitable Extinguishing Media:

Do not use water jet or water-based fire extinguishers.

Specific Hazards Arising from the Product:

If exposed to fire or extreme heat, closed containers may rupture.

Special Protective Equipment and Precautions for Fire-Fighters:

Fire-fighters should wear appropriate protective equipment and a self-contained breathing apparatus (SCBA) with a full-face piece operated in positive pressure mode.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures	Keep unnecessary and unprotected personnel away from contaminated area. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. Avoid breathing vapour or mist. Provide adequate ventilation. Wear an appropriate respirator when ventilation is inadequate. Avoid dispersal of spilled material and runoff to waterways, drains, sewers, and soil. If the product has caused environmental pollution, inform the relevant authorities (sewers, waterways, soil, or air).
Methods for Containment and Cleaning Up	Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements, or confined spaces. Contain and collect spillage with inert, absorbent material such as sand or earth. Do not use combustible materials such as saw dust. Sweep or scrape up contaminated absorbent material and containerize. Contaminated absorbent material may pose the same hazard as the spilled product. Dispose of contaminated material according to local regional regulations.
Storage and handling conditions:	Store above 5C.
Special shipping information:	Not regulated by the Transportation of Dangerous Goods Regulations.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling	Put on appropriate personal protective equipment (see Section 8). Do not handle until all safety precautions have been read and understood. Avoid exposure during pregnancy. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Use only with adequate ventilation. When ventilation is inadequate, wear an appropriate respirator. Keep in the original container or an approved alternative made from compatible material. Keep container closed tightly when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Conditions for Safe Storage	Keep from freezing. Store in accordance with local regulations. Store in original container in a cool, dry, well-ventilated area protected from direct sunlight. Keep away from food and drink. Keep away from incompatible materials (see Section 10). Keep container sealed and closed tightly 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.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate Engineering Controls Individual Protection Measures	Use only with adequate ventilation. Good general ventilation should be sufficient to control airborne levels. If user operations generate dust, fumes, or mist use ventilation to minimize exposure.
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Eye/Face Protection	Safety eyewear with side shields complying with an approved standard should be worn to avoid exposure to liquid splashes, mists, dusts, or gases.
Skin Protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products.
Respiratory Protection	A properly fitted respirator that complies with an approved standard and is specified for protection against paint spray mist and organic vapours should be used when working in restricted or confined areas.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Green liquid
Odour	Acidic odour
Odour Threshold	n/a
pH	1.1 – 1.5
Melting Point and Freezing Point	0 °C
Initial Boiling Point and Boiling Range	100 °C
Flash Point	n/a
Evaporation Rate	Close to water
Flammability (solid, gas)	n/a, non-flammable
Upper and Lower Flammability or Explosive Limit	n/a
Vapour Pressure	n/a
Vapour Density (air = 1)	n/a
Relative Density (water = 1)	1.01
Solubility in Water	Soluble
Solubility in Other Liquids	n/a
Partition Coefficient, n-Octanol / Water (Log Kow)	n/a
Auto-ignition Temperature	n/a, non-flammable
Decomposition Temperature	n/a, non-flammable
Viscosity	Water thin

SECTION 10. STABILITY AND REACTIVITY

Reactivity:	No specific test data related to reactivity available for this product or its ingredients.
Chemical Stability:	The product is stable.
Possibility of Hazardous Reactions:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to Avoid:	Avoid high temperatures. Keep from freezing.
Incompatible Materials:	None Known.
Hazardous Decomposition Products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Hazardous decomposition products depend upon temperature, air supply, and the presence of other materials. Thermal decomposition can lead to the release of irritating gases and vapours.
Hazardous polymerization:	Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

Mixture Toxicity - Not determined

Component Toxicity - 77-92-9 CITRIC ACID Oral LD50: 3 g/kg (Rat)

Target Organs: No information available

Effects of Overexposure: No known significant effects or critical hazards.

Potential acute health effects:

Eye Contact: May cause eye irritation.

Skin contact: May cause skin irritation.

Inhalation: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

Symptoms related to the physical, chemical, and toxicological characteristics:

Eye Contact: Adverse symptoms may include, but are not limited to, the following: Redness, Pain or irritation, Watering.

Skin contact: Adverse symptoms may include, but are not limited to, the following: Pain or irritation, Redness, Blistering may occur.

Inhalation: No known significant effects or critical hazards.

Ingestion: Adverse symptoms may include, but are not limited to, the following: Stomach pains.

Carcinogenicity

Chemical Name	IARC	ACGIH®	OSHA
Non carcinogenic	n/a	n/a	n/a

General - No known significant effects or critical hazards.

Carcinogenicity - No known significant effects or critical hazards.

Mutagenicity - No known significant effects or critical hazards.

Teratogenicity - No known significant effects or critical hazards.

Developmental effects - No known significant effects or critical hazards.

Fertility effects - No known significant effects or critical hazards.

SECTION 12. ECOLOGICAL INFORMATION *(section heading must appear; all content is optional)*

Ecotoxicity:	n/a
Persistence and Degradability:	n/a
Bio accumulative Potential:	n/a
Mobility in Soil:	n/a
Other Adverse Effects:	n/a

SECTION 13. DISPOSAL CONSIDERATIONS (section heading must appear; all content is optional)

Disposal Methods: In the event of a spill: Dike and contain, transfer to containers for recovery or disposal.
Keep out of sewers.
Waste disposal: Follow federal, provincial and local regulations regarding disposal.

SECTION 14. TRANSPORT INFORMATION (section heading must appear; all content is optional)

Regulation	UN No.	Proper Shipping Name	Technical Name (for N.O.S. entry)	Transport Hazard Class(es)	Packing Group
Not regulated	n/a				

Special Precautions: Not classified as dangerous in the meaning of transport regulations.
Environmental Hazards: n/a
Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: Not regulated

SECTION 15. REGULATORY INFORMATION (section heading must appear; all content is optional)**Canada**

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulation (HPR) and WHMIS 2015. The SDS contains all of the information required by WHMIS 2015 and the Hazardous Products Regulation (HPR).

SECTION 16. OTHER INFORMATION

Date of Latest Revision April 17, 2023

Liquid Rubber Canada Inc. believes the information contained herein is accurate; however, Liquid Rubber Canada Inc. makes no guarantees with respect to such accuracy and assumes no liability in connection with the use of the information contained herein which is not intended to be and should not be construed as legal advice or as insuring compliance with any federal, state, or local laws or regulations. Any party using this product should review all such laws, rules, or regulations prior to use, including but not limited to US and Canada Federal, Provincial and State regulations.

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