

Safety Data Sheet

Issue Date: 18-Apr-2014

Revision Date: 22-Apr-2014

Version 1

1. IDENTIFICATION

Product Identifier

Product Name RENUÉ

Other means of identification

SDS # GAT-005

Recommended use of the chemical and restrictions on use

Recommended Use For industrial use.

Details of the supplier of the safety data sheet

Supplier Address

Gator Chemical
2202 Industrial blvd
Sarasota, FL 34234

Emergency Telephone Number

Company Phone Number 941-225-7657
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: The product contains no substances which, at their given concentration, are considered to be hazardous to health.

Appearance Colorless liquid

Physical State Liquid

Odor Floral

Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is not hazardous according to OSHA 29 CFR 1910.1200. Components not listed are not hazardous or are below reportable limits.

4. FIRST-AID MEASURES

First Aid Measures

General Advice	Provide this SDS to medical personnel for treatment.
Eye Contact	Remove contact lenses. Flush eyes with clear running water for 15 minutes while holding eyelids open; if irritation persists, seek medical attention.
Skin Contact	Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention.
Inhalation	Remove affected person to fresh air; provide oxygen if breathing is difficult.
Ingestion	Give two glasses of water for dilution; Do not induce vomiting; never give anything by mouth to an unconscious person; seek medical attention.

Most important symptoms and effects

Symptoms	INHALATION: None expected, however, certain individuals may experience minor nausea or headaches. SKIN: None expected, however, prolonged contact may cause irritation. EYES: This product is an eye irritant. Contact with the eyes will cause irritation. INGESTION: May cause gastric distress, vomiting and diarrhea Material is alkaline and will irritate the eyes if product is allowed to directly contact the eyes.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Pre-existing skin, eye, or respiratory disorders may become aggravated through prolonged exposure.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Carbon dioxide, water, water fog, dry chemical, chemical foam.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Product is not flammable.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Keep containers cool with water spray to prevent container rupture due to steam buildup; floor will become slippery if material is released.

Material is alkaline and will irritate the eyes if product is allowed to directly contact the eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

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| Personal Precautions | Use personal protective equipment as required. |
| Environmental Precautions | See Section 12 for additional Ecological Information. |

Methods and material for containment and cleaning up

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| Methods for Containment | Prevent further leakage or spillage if safe to do so. Soak up and contain spill with an absorbent material. |
| Methods for Clean-Up | Sweep up absorbed material and shovel into suitable containers for disposal. |

7. HANDLING AND STORAGE

Precautions for safe handling

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| Advice on Safe Handling | Handle in accordance with good industrial hygiene and safety practice. |
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Conditions for safe storage, including any incompatibilities

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| Storage Conditions | Keep containers tightly closed in a dry, cool and well-ventilated place. |
| Incompatible Materials | Strong oxidizers, Strong acids. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines**Appropriate engineering controls**

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| Engineering Controls | Apply technical measures to comply with the occupational exposure limits. |
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Individual protection measures, such as personal protective equipment

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| Eye/Face Protection | Wear protective eyeglasses or chemical safety goggles. |
| Skin and Body Protection | Neoprene or rubber gloves with cuffs; Coveralls, apron, or other equipment should be worn to minimize skin contact. |
| Respiratory Protection | Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH-approved respirator. |
| General Hygiene Considerations | Handle in accordance with good industrial hygiene and safety practice. |

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid	Odor	Floral
Appearance	Colorless liquid	Odor Threshold	Not determined
Color	Colorless		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	10.4-10.6	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	100 °C / 212 °F	
Flash Point	Not flammable	
Evaporation Rate	< 1	(Water = 1)
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	17 mm Hg @ 20 ° C	
Vapor Density	> 1	(Air=1)
Specific Gravity	1.030	(1=Water)
Water Solubility	Completely soluble	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

Extreme temperatures. Keep from freezing.

Incompatible Materials

Strong oxidizers, Strong acids.

Hazardous Decomposition Products

Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact May cause eye irritation on direct contact.

Skin Contact May cause temporary irritation on skin contact.

Inhalation Avoid breathing vapors or mists.

Ingestion Do not taste or swallow.

Component Information

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Not determined

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

<u>Note</u>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
<u>DOT</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG</u>	Not regulated

15. REGULATORY INFORMATION**International Inventories**

Not determined

Legend:*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**ENCS - Japan Existing and New Chemical Substances**IECSC - China Inventory of Existing Chemical Substances**KECL - Korean Existing and Evaluated Chemical Substances**PICCS - Philippines Inventory of Chemicals and Chemical Substances***US Federal Regulations****SARA 313**

Not determined

US State Regulations**U.S. State Right-to-Know Regulations**

Not determined

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	Not determined	Not determined	Not determined	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	0	0	Not determined

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Revision Note: New format

Disclaimer

The information provided in 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

End of Safety Data Sheet