

SAFETY DATA SHEET

This SDS Complies With 29 CFR 1910.1200 (The Hazard Communication Standard)

Section I - Product & Company Identification

Product identifier

Product name : Glisten RTU
Product form: Liquid
Other means of identification: 0106

Relevant identified uses of the substance or mixture: Neutral Cleaner

Details of the supplier of the safety data sheet

Manufacturer:
Diversified Chemical Products, Inc. 4124 B NW Riverside Street, Riverside, MO 64150
Phone: 816-472-5515

Emergency telephone number

Emergency number : CHEMTREC: 1-800-424-9300

Section II – Hazards Identification

Classification

Flammable Liquids- Category 3
Acute toxicity - Oral Category 4
Eye Irritation Category 2A
Aspiration hazard Category 1
Specific target organ toxicity- single exposure (Category 3), central nervous system.

Pictogram



Signal Word

Danger

Hazard Statements

Flammable liquid and vapor.
May be fatal if swallowed and enters airways.
Causes skin irritation
Causes serious eye irritation
Causes skin irritation
May cause drowsiness or dizziness.

Precautionary Statements – Prevention

Keep away from heat/sparks/open flames/hot surfaces- No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/equipment.
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation occurs
IF ON SKIN: Wash with plenty of soap and water.
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
Rinse mouth
Take off contaminated clothing and wash before reuse

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Section III –Composition/Information on ingredients

Mixture

Name	Product identifier	Weight %
Isopropyl Alcohol	(CAS No) 67-63-0	5-15
2-butoxyethanol	(CAS No) 111-76-2	1-5

Any concentration shown as a range is to protect confidentiality or is due to process variation.

Section IV – First Aid Measures

First Aid Measures

Inhalation: Remove to fresh air. If breathing stops, provide artificial respiration. If symptoms persist, call a physician.

Eye Contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.

Ingestion: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin Contact: Remove contaminated clothing, wash with plenty of water. If skin irritation persists, call a physician.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms

May cause eye irritation with reddening and watering.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians: Treat symptomatically.

Section V – Fire Fighting Measures

Suitable Extinguishing Media

Water spray, alcohol resistant foam, dry chemical or carbon dioxide.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Carbon oxides

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.

Section VI –Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Use personal protective equipment as required. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe area.

Methods and Material for Containment and Cleaning Up

Methods for Containment: Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up: Keep in suitable, closed containers for disposal.

Section VII – Handling & Storage

Precautions for Safe Handling

Advice on Safe Handling: Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place.

Section VIII – Exposure Controls/ Personal Protection

Exposure Guidelines

<u>Chemical Name</u>	<u>CAS #</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>NIOSH</u>
Isopropyl Alcohol	67-63-0	TWA: 200 ppm	TWA: 400 ppm	TWA: 400 ppm
2-butoxyethanol	111-76-2	TWA: 20 ppm	50 ppm	Not determined

Appropriate Engineering Controls

Engineering Controls: Provide adequate ventilation, eyewash stations.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: Wear approved safety goggles where a splash hazard exists.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice.

Section IX – Physical & Chemical Properties

Information on Basic Physical and Chemical Properties

Physical State	Liquid
Color	Colorless
<u>Property</u>	<u>Values</u>
pH	No data available
Melting Point/Freezing Point	Not Determined
Boiling Point/Boiling Range	82-171 ° C
Flash Point	43.3 ° C (110 ° F)
Evaporation Rate	Not Determined
Flammability (Solid,Gas)	n/a-liquid
Upper Flammable Limits	12.7 % (V)
Lower Flammable Limits	2 % (V)
Vapor Pressure	Not Determined
Vapor Density	Not Determined
Specific Gravity	0.99
Water Solubility	Soluble in Water
Solubility in Other Solvents	Not Determined
Partition Coefficient	Not Determined
Autoignition Temperature	Not Determined
Decomposition Temperature	Not Determined
Kinematic Viscosity	Not Determined
Dynamic Viscosity	Not Determined
Explosive Properties	Not an Explosive
Oxidizing Properties	Not Determined
Odor	Mild alcohol
Odor Threshold	Not Determined

Section X – Stability & Reactivity

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

Forms peroxides of unknown stability.

Conditions to Avoid

Heat, sparks, flames.

Incompatible Materials Oxidizing agents, Acid anhydrides, Aluminum, Halogenated compounds, Acids.

Hazardous Decomposition Products

Carbon dioxide, carbon monoxide.

Section XI - Toxicological information

Information on Likely Routes of Exposure

Product Information

Inhalation: Avoid breathing vapors or mists.

Eye Contact: Causes eye irritation

Skin Contact: Avoid contact with skin.

Ingestion: Harmful if swallowed. May be fatal if swallowed and enters airways.

This product as a whole has not been tested for acute toxicity; the following is based on component data:

Chemical Name	CAS #	Oral LD50	Dermal LD50	Inhalation LC50
Isopropyl Alcohol	67-63-0	=5,045 mg/kg(Rat)	12,800 mg/kg (Rabbit)	16000 ppm (Rat) 8h
2-Butoxyethanol	111-76-2	=1300 mg/kg (Rat) =1400 mg/kg (Guinea Pig)	>2,000mg/kg(Rat) >2,000 mg/kg(Guinea Pig)	>4.9 mg/l (Rat) 3h >3.4 mg/l (Guinea Pig) 1h

Chemical Name	Isopropyl Alcohol	2-Butoxyethanol
Skin corrosion/irritation	Mild irritation(rabbit)	Moderate irritation(rabbit) 24h
Serious eye damage/irritation	Irritation-24 h (rabbit)	Moderate irritation(rabbit) 24h
Respiratory or skin sensitization	No data available	Not a sensitizer
Mutagenicity	No data available	Negative
Carcinogenicity	Not classifiable	Not classified as carcinogen
Reproductive toxicity	No data available	Not classified as hazardous
Specific target organ toxicity-Single exposure	Inhalation, oral-may cause drowsiness or dizziness	Not classified
Specific target organ toxicity-repeated exposure	No data available	Not classified
Aspiration hazard	No data available	May cause chemical pneumonia.

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

Section XII - Ecological information

Ecotoxicity

There is no data available for this product as a whole.

Chemical Name	CAS #	Algae/aquatic plants	Fish	Aquatic invertebrates
Isopropyl Alcohol	67-63-0	EC50 - Desmodesmus subspicatus (green algae) - > 2,000.00 mg/l - 72 h EC50 - Algae - > 1,000.00 mg/l - 24 h	LC50 - Pimephales promelas (fathead minnow) - 9,640.00 mg/l - 96 h	EC50 - Daphnia magna (Water flea) - 5,102.00 mg/l - 24 h_ Immobilization EC50 - Daphnia magna (Water flea) - 6,851 mg/l - 24 h
2-Butoxyethanol	111-76-2	EC-50 (Algae (Pseudokirchneriella subcapitata), 72 h): 1,840 mg/l	LC-50 (Oncorhynchus mykiss, 96 h): 1,474 mg/l NOEC (Zebra Fish, 21 d): > 100 mg/l	EC-50 (Water Flea, 48 h): 1,550 mg/l NOEC (daphnid, 21 d): 100 mg/l

Persistence and Degradability

Not determined

Bioaccumulation

Not determined

Mobility

Not determined

Section XIII - Disposal considerations

Waste Disposal Method

Dispose of material in accordance with all Federal, State and local regulations. Local regulations may be more stringent than Federal or State. Avoid discharge to sewers or waterways.

Section XIV - Transport information

DOT Proper Shipping Description:

Non-Bulk: combustible, not regulated

Bulk: NA1760Compounds, cleaning liquid (Isopropyl Alcohol, 2-Butoxyethanol), 3, PGIII

Section XV - Regulatory information

SARA Title III Section 311/312 (40CFR370): Acute and health hazard

SARA Title III Section 313 (40CFR372): Two reportable components.

Chemical Name	CAS #	Weight %	SARA 313-Threshold Values %
Isopropyl Alcohol	67-63-0	5-15	1.0
2-Butoxyethanol	111-76-2	1-5	1.0

RCRA Status (40CFR261.33): No reportable components.

TSCA Inventory Status: Reported/included

OSHA/NTP/IARC Carcinogen Status: Not listed

Canadian DSL Status: Reported/included

Chemicals Known to the State of California to Cause Cancer or Reproductive Toxicity:

This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Isopropyl Alcohol 67-63-0	X	X	X
2-Butoxyethanol 111-76-2	X	X	X

Section XVI - Other information

HMIS ratings: Health: 2
Flammability: 3
Reactivity: 0

Indication of changes: Revision – 1

Date Sheet Prepared: 12/31/2014

Other information: Author – EHS Administrator

The information herein is presented in good faith and believed to be correct as of the date hereof. However, the manufacturer makes no representation as to the completeness and accuracy thereof. Users must make their own determination as to the suitability of the product for their purposes prior to use.

No representations or warranty's, either express or implied of merchantability, fitness for a particular purpose or of any other nature with respect to the product or to the information herein is made hereunder. The manufacturer shall in no event be responsible for any damages of whatsoever nature directly or indirectly resulting from the publication or use of or reliance upon information contained herein.

END OF SDS