

Section 1 – Product Information

Product Name: Liquiclean AW	Supplier	The Ruhof Corporation
Product Code: 34532	Information Phone: 1-800-537-8463 Emergency Contact: 1-800-424-9300 (Chemtrec)	Address 393 Sagamore Avenue Mineola NY 11501

Section 2 – Hazards Identification

GHS Classification : This product is not classified as hazardous

Section 2.1 Label Elements

Hazard Pictograms	Precautionary Statements
Not Applicable	Prevention <ul style="list-style-type: none">• Wear eye/face protection. Eyes <ul style="list-style-type: none">• IF IN EYES: Rinse copiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Signal Word: Not Applicable	Inhalation <ul style="list-style-type: none">• IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing• If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
Hazard Statements: Not Applicable	

Section 3 – Composition/Information on Ingredients

Chemical Name	CAS-No	Weight %
ISOPROPYL ALCOHOL	67-63-0	<5%

4. FIRST AID MEASURES

General Advice	If symptoms occur or persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes.
Eye Contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Seek immediate medical attention if required.
Skin Contact	Wash off with soap and plenty of water. If skin irritation persists, call a physician.
Inhalation	Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.
Ingestion	Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media No information available.

Specific Hazards Arising from the Chemical

None Known.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

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.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Evacuate personnel to safe areas. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Keep people away from and upwind of spill/leak.

Environmental Precautions Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up

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

Methods for Cleaning Up Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Handling Wear personal protective equipment. Remove and wash contaminated clothing before re-use. Do not eat, drink or smoke when using this product.

Storage Keep in properly labeled containers. Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Products None known based on information supplied.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Appropriate engineering controls

Engineering Measures Showers, Eyewash stations, Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection Wear safety goggles.

Skin and Body Protection Lightweight protective clothing. Impervious gloves.

Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

Hygiene Measures When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Odor	Appearance	pH	Melting Point/Range	Boiling Point
Liquid	None	Blue	8-9.5	No data available	No data available
Flash Point	Flammability Limits	Vapor Pressure	Specific Gravity	Water Solubility	Flammable Properties
Not determined	No data available	No data available	1.01-1.03	Soluble	Not Flammable

10. STABILITY AND REACTIVITY

Reactivity	No data available.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	None under normal processing.
Hazardous Polymerization	Hazardous polymerization does not occur.
Conditions to avoid	None known based on information supplied.
Incompatible materials	None known based on information supplied.
Hazardous decomposition products	None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Inhalation	May cause irritation.
Eye Contact	May cause irritation.
Skin Contact	May cause irritation.
Ingestion	There is no data available for this product.

Delayed and immediate effects and also chronic effects from short and long term exposure

Sensitization	May cause sensitization of susceptible persons.
Carcinogenicity	Contains no ingredients above reportable quantities listed as a carcinogen.
Chronic Toxicity	Avoid repeated exposure. Repeated contact may cause allergic reactions in very susceptible persons.
Target Organ Effects	Respiratory system. Eyes. Skin.

12. ECOLOGICAL INFORMATION

Ecotoxicity	The product is not expected to be hazardous to the environment.
Persistence and Degradability	No information available.
Bioaccumulation	The product does not contain any substances expected to be bioaccumulating.
Other Adverse Effects	No information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods	Diluted product can be flushed to sanitary sewer.
Contaminated Packaging	Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
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15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture	
EU Legislation	The UN Globally Harmonized System (GHS) Safety Data Sheet format (Annex IV) is implemented as Annex II of REACH EU No 453/2010 of 20th May 2010 amending regulation (EC) No 1907/2006
National Regulations	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689.Workplace Exposure Limits 2005 (EH40)

16. OTHER INFORMATION

NFPA	Health Hazard 1	Flammability 0	Instability 0	Physical and Chemical Hazards - Personal Protection X
HMS	Health Hazard 1	Flammability 0	Physical Hazard 0	



Prepared By
The Ruhof Corporation
393 Sagamore Avenue
Mineola, NY 11501

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General Disclaimer

The information provided on this SDS 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.

End of Safety Data Sheet