



**INNOVATIVE
CHEMICAL
CORPORATION**

7769 95th Street South
Cottage Grove, MN

SAFETY DATA SHEET

Revision Date: 7/31/2015
Emergency Phone: 1-800-535-5053 (Infotrac)

Section 1: Identification

Product Name: Klear-Vu RTU	Code: 98PKR00
Chemical Type: Liquid	Manufacturer/Supplier: Innovative Chemical Corporation 7769 95th Street South Cottage Grove, MN 55016 651-649-1762

Section 2: Hazard(s) Identification

GHS Classification Not Classified

Not dangerous according to the Globally Harmonized System (GHS)

Label elements

Signal word: No Single Word
Hazard statements: No hazard statements

Precautionary Statements

Prevention: Not Applicable
Response: See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.
Storage: Not Applicable
Disposal: Not Applicable
Hazards not otherwise classified: Not Applicable
Other Information:

- May be harmful if swallowed.
- May cause eye irritation.
- May cause skin irritation.
- Inhalation of vapors or mist may cause respiratory irritation.
- Keep out of reach of children.

Section 3: Composition/Information on Ingredients

Substance or mixture: Mixture
Other means of identification: Not available.

CAS number/other identifiers

CAS number: Not applicable.

Hazardous Components		
Chemical Name	%weight	CAS
water	60-100	7732-18-5
isopropanol	1-5	67-63-0

Any concentration shown as a range is to protect confidentiality or is due to batch variation. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational limits, if available are listed in Section 8.

Section 4: First-Aid Measures**Description of first aid measures**

Eyes	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or physician if you feel unwell.
Skin	Wash with soap and water. If skin irritation occurs: Get medical attention.
Ingestion	Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell.

Indication of any immediate medical attention needed

Notes to Physician	Treat symptomatically.
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See toxicological information (Section 11)

Section 5: Fire-Fighting Measures**Extinguishing media**

Suitable extinguishing media	Product does not support combustion, Use extinguishing agent suitable for
Specific hazards arising from the chemical	Dried product is capable of burning. Combustion products are toxic.
Hazardous Combustion Products:	May include Carbon monoxide Carbon dioxide and other toxic gases or vapors.
Protective equipment for fire-fighters	Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear. Cool fire-exposed containers with water spray.

Section 6: Accidental Release Measures**Personal precautions, protective equipment and emergency procedures**

For non-emergency personnel	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.
For emergency responders	Do not rinse spill onto the ground, into storm sewers or bodies of water.
Methods for Clean-Up	Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

Section 7: Handling and Storage

Precautions for safe handling

Advice on general occupational hygiene	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.
Conditions for safe storage including any incompatibilities	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep from freezing.

Section 8: Exposure Controls/Personal Protection

Control parameters

Occupational exposure limits

Ingredient Name	Exposure Limits
isopropanol	ACGIH TLV STEL: 400 ppm TWA: 200 ppm OSHA PEL TWA: 400 ppm TWA: 980 mg/m ³ (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m ³ (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m ³ NIOSH IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m ³ STEL: 500 ppm STEL: 1225 mg/m ³

Appropriate engineering controls	Provide good general ventilation. If work practices generate dust, fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered.
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Individual protection measures

Hygiene measures	Wash hands and any exposed skin thoroughly after handling. See 29 CFR 1910.132-138 for further guidance.
Respiratory	Not required with expected use. If occupational exposure limits are exceeded or respiratory irritation occurs, use of a NIOSH/MSHA approved respirator suitable for the use-conditions and chemicals in Section 3 should be considered.
Eyes/Face	Not required with expected use.
Skin/Body	Not required with expected use.

Section 9: Physical and Chemical Properties

Physical state	Liquid
Color	Blue
Odor	Ammonia

Odor threshold	Not available
pH	10.5
Melting Point	Not available
Boiling Point	100 °C / 212 °F
Flash Point	> 100 °C / > 212 °F ASTM D56
Evaporation rate	< 1 (Butyl acetate = 1)
Flammability (solid, gas)	Not available
Lower and upper explosive (flammable) limits	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	0.98
Solubility	Easily soluble in water.
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available

Section 10: Stability and Reactivity

Reactivity:	This material is considered to be non-reactive under normal conditions of use.
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	Not expected to occur with normal handling and storage.
Conditions to avoid:	Extremes of temperature and direct sunlight.
Incompatible materials:	Strong oxidizing agents. Strong acids.
Hazardous decomposition products:	May include carbon monoxide, carbon dioxide (CO ₂) and other toxic gases or vapors.

Section 11: Toxicological Information

Acute toxicity

Ingredient name	Result	Species	Dose	Exposure
water	Oral LD50	Rat	> 90 mL/kg	
isopropanol	Oral LD50	Rat	4396 mg/kg	
	Dermal LD50	Rat	12800 mg/kg	
		Rabbit	12870 mg/kg	
	Inhalation LC50	Rat	72.6 mg/L	4 hours

Sensitization

Not available

Mutagenicity

Not available

Carcinogenicity

Not available

Reproductive toxicity

Not available

Teratogenicity

Not available

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Information on the likely routes of exposure

Routes of entry anticipated: Eyes, Skin, Ingestion, Inhalation.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	Pain and redness.
Inhalation	Nasal discomfort and coughing.
Skin contact	Drying of the skin.
Ingestion	Pain, nausea, vomiting and diarrhea.

Delayed and immediate effects and chronic effects from short and long term exposure**Short term exposure****Potential immediate effects:** Not available.**Potential delayed effects:** Not available.**Long term exposure****Potential immediate effects:** Not available.**Potential delayed effects:** Not available.**Potential chronic health effects**

Not available

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

Ecotoxicity

Chemical Name	Algae/Aquatic Plants	Fish	Toxicity to Microorganisms	Crustacea
isopropanol	1000: 96 h Desmodesmus subspicatus mg/L EC50 1000: 72 h Desmodesmus subspicatus mg/L EC50	9640: 96 h Pimephales promelas mg/L LC50 flow- through 11130: 96 h Pimephales promelas mg/L LC50 static 1400000: 96 h Lepomis macrochirus µg/L LC50	Not Available	13299: 48 h Daphnia magna mg/L EC50

Persistence and degradability

Not available.

Bioaccumulative potential

Not available.

Mobility in soil

Soil/water partition coefficient (K_{oc}): Not available

Other adverse effects: No known significant effects or critical hazards.

Section 13: Disposal considerations

Waste disposal

Dispose of in accordance with federal, state and local regulations.

Section 14: Transport information

Regulatory info	UN number	Proper shipping name	Classes	PG	Environmental hazards	Additional info
DOT Classification	Not regulated	Non Hazardous Product			No.	
TDG Classification	Not regulated				No.	
Mexico Classification	Not regulated				No.	
ADR/RID Class	Not regulated				No.	
IMDG Class	Not regulated	Non Hazardous Product			No.	
IATA-DGR Class	Not regulated				No.	

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not available

Section 15: Regulatory information

U.S. Federal regulations TSCA 8(a) CDR Exempt/Partial exemption: Not determined
All components are listed or exempted.

SARA 311/312

Classification

Immediate (acute) health hazard

Composition/information on ingredients

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
isopropanol	1-5	No.	No.	No.	Yes.	No.

SARA 313

Not applicable.

Section 16: Other information

Hazardous Material

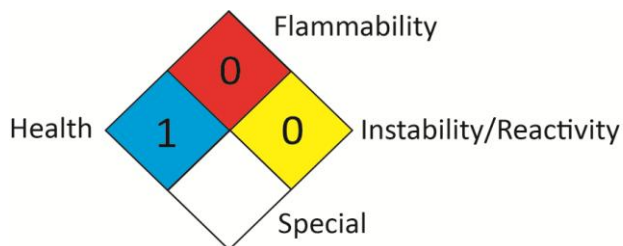
Information System (U.S.A.):

Health	*1
Flammability	0
Physical hazards	0

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The customer is responsible for determining the PPE code for this material.

National Fire Protection Association:



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Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist