



**INNOVATIVE  
CHEMICAL  
CORPORATION**

7769 95th Street South  
Cottage Grove, MN

## SAFETY DATA SHEET

**Revision Date:** 8/12/2015  
**Emergency Phone:** 1-800-535-5053 (Infotrac)

### Section 1: Identification

**Product Name:** Clip V Cide **Code:** 98PCV00  
**Chemical Type:** Liquid **Manufacturer/Supplier:**  
Innovative Chemical Corporation  
7769 95th Street South  
Cottage Grove, MN 55016  
651-649-1762

### Section 2: Hazard(s) Identification

#### OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Oral	Not classified
Acute toxicity - Dermal	Not classified
Skin corrosion/irritation	
Serious eye damage/eye irritation	Category 1

#### Label elements

**Signal word:** Danger  
**Hazard statements:**



#### Precautionary Statements

**Prevention:** Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

**Response:** Immediately call a POISON CENTER or doctor/physician. Specific Measures (see the appropriate section of the SDS). IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

<b>Storage:</b>	Store locked up
<b>Disposal:</b>	Dispose of contents/container to an approved waste disposal plant
<b>Unknown Acute</b>	5% of the mixture consists of ingredient(s) of unknown toxicity
<b>Toxicity:</b>	

### Section 3: Composition/Information on Ingredients

#### CAS number/other identifiers

Hazardous Components		
Chemical Name	%weight	CAS
Water	60-100	7732-18-5
Alkyl dimethyl ethyl benzyl ammonium chloride 6	3-7	68956-79-6
Alkyl dimethyl benzyl ammonium chloride	3-7	68391-01-5
Ethanol	1-5	64-17-5

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

<b>Skin Contact</b>	Wash off immediately with plenty of water. Wash skin with soap and water.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.

#### Most important symptoms and effects, both acute and delayed

<b>Symptoms</b>	Any additional important symptoms and effects are described in Section 11: Toxicology Information.
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#### Indication of any immediate medical attention needed

<b>Notes to Physician</b>	Treat symptomatically.
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See toxicological information (Section 11)

### Section 5: Fire-Fighting Measures

#### Extinguishing media

<b>Suitable extinguishing media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable extinguishing media</b>	Caution: Use of water spray when fighting fire may be inefficient.
<b>Specific hazards arising from the chemical</b>	No Information available.
<b>Explosion data</b>	<b>Sensitivity to Mechanical Impact:</b> None.
	<b>Sensitivity to Static Discharge:</b> None.
<b>Protective equipment for fire-fighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## Section 6: Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Ensure adequate ventilation, especially in confined areas.
<b>Environmental precautions</b>	See Section 12 for additional ecological information.
<b>Methods for containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up</b>	Pick up and transfer to properly labeled containers.

## Section 7: Handling and Storage

### Precautions for safe handling

<b>Advice on general occupational hygiene</b>	Handle in accordance with good industrial hygiene and safety practice.
<b>Storage Conditions</b>	Keep containers tightly closed in a dry, cool and well-ventilated place.
<b>Incompatible materials</b>	None known based on information supplied.

## Section 8: Exposure Controls/Personal Protection

### Control parameters

#### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethanol	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>

*NIOSH IDLH Immediately Dangerous to Life or Health*

<b>Other Information</b>	Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).
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### Appropriate engineering controls

<b>Engineering Controls</b>	Showers, Eyewash stations & Ventilation systems.
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### Individual protection measures

<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles). Wear a face shield if splashing hazard exists.
<b>Skin and body protection</b>	Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.
<b>Respiratory protection</b>	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

<b>General Hygiene</b>	Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with skin, eyes or clothing. Take off all contaminated clothing and wash it before reuse. Wear suitable gloves and eye/face protection.
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## Section 9: Physical and Chemical Properties

<b>Physical state</b>	Liquid
<b>Color</b>	Burgundy
<b>Odor</b>	Floral
<b>Odor threshold</b>	No Information available
<b>pH</b>	9
<b>Specific Gravity</b>	0.995
<b>Viscosity</b>	< 25 cP @ 25°C
<b>Melting point/freezing point</b>	No Information available
<b>Flash point</b>	above 200F
<b>Boiling point / boiling range</b>	< 212 ° F
<b>Evaporation rate</b>	No Information available
<b>Flammability (solid, gas)</b>	
<b>Flammability Limits in Air</b>	
<b>Upper flammability limit:</b>	Not Applicable
<b>Lower flammability limit:</b>	Not Applicable
<b>Vapor pressure</b>	No Information available
<b>Vapor density</b>	No Information available
<b>Water solubility</b>	Complete
<b>Partition coefficient</b>	No Information available
<b>Autoignition temperature</b>	No Information available
<b>Decomposition temperature</b>	No Information available
<b>Density Lbs/Gal</b>	8.29
<b>VOC Content (%)</b>	1.25

## Section 10: Stability and Reactivity

<b>Reactivity:</b>	No data available
<b>Chemical stability:</b>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions:</b>	None under normal processing.

<b>Conditions to avoid:</b>	Extremes of temperature and direct sunlight.
<b>Incompatible materials:</b>	None known based on information supplied.
<b>Hazardous decomposition products:</b>	None known based on information supplied.

## Section 11: Toxicological Information

### Information on likely routes of exposure

<b>Product Information</b>	Harmful by inhalation, ingestion, in contact with eyes and skin.
<b>Inhalation</b>	Avoid breathing vapors or mists. Inhalation of vapors in high concentration may cause severe irritation or burns to the respiratory tract.
<b>Eye contact</b>	Avoid contact with eyes.
<b>Skin Contact</b>	Avoid contact with skin.
<b>Ingestion</b>	Harmful if swallowed. Ingestion causes acute irritation and burns to the mucous membranes of the mouth, trachea, esophagus and stomach.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Alkyl dimethyl benzyl ammonium chloride	= 500 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	-
Ethanol	= 7060 mg/kg ( Rat )	-	= 124.7 mg/L ( Rat ) 4 h

### Information on toxicological

**Symptoms** No Information available.

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

**Sensitization** No Information available.

**Germ cell mutagenicity** No Information available.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen. Ethanol has been shown to be carcinogenic in long-term studies only when consumed as alcoholic beverage.

Chemical Name	ACGIH	IARC	NTP	OSHA
Ethanol	A3	Group 1	Known	X

*ACGIH (American Conference of Governmental Industrial Hygienists)*

*A3 - Animal Carcinogen*

*IARC (International Agency for Research on Cancer)*

*Group 1 - Carcinogenic to Humans*

*NTP (National Toxicology Program)*

*Known - Known Carcinogen*

*OSHA (Occupational Safety and Health Administration of the US Department of Labor)*

*X - Present*

**Reproductive toxicity** No Information available.

**STOT - single exposure** No Information available.

**STOT - repeated exposure** No Information available.

**Chronic toxicity**

Ethanol has been shown to be a reproductive toxin only when consumed as an alcoholic beverage. Ethanol has been shown to be carcinogenic in long-term studies only when consumed as alcoholic beverage. May cause adverse effects on the bone marrow and blood-forming system. May cause adverse liver effects. Contains a known or suspected reproductive toxin.

**Target organ effects**

Blood, Central nervous system, EYES, Liver, Reproductive System, Respiratory system, Skin.

**Aspiration hazard**

No Information available.

**Numerical measures of toxicity - Product Information****Unknown Acute Toxicity**

5% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

## Section 12: Ecological information

**Ecotoxicity**

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Ethanol	-	12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static 100: 96 h Pimephales promelas mg/L LC50 static 13400 - 15100: 96 h Pimephales promelas mg/L LC50 flow-through	9268 - 14221: 48 h Daphnia magna mg/L LC50 2: 48 h Daphnia magna mg/L EC50 Static 10800: 24 h Daphnia magna mg/L EC50

**Persistence and degradability**

Not available.

**Bioaccumulative potential**

Bioaccumulative potential.

Chemical Name	Partition Coefficient
Ethanol	-0.32

**Other adverse effects**

Not available.

## Section 13: Disposal considerations

**Disposal of wastes**

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

**Contaminated packaging**

Do not reuse container.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
Ethanol	Toxic Ignitable

**Section 14: Transport information**

Regulatory info	UN number	Proper shipping name	Classes	PG	Environmental hazards	Additional info
DOT Classification	1903	Disinfectants, liquid, corrosive, n.o.s.	8	III.		
TDG Classification	1903	Disinfectants, liquid, corrosive, n.o.s.	8	III.		
Mexico Classification	1903	Disinfectants, liquid, corrosive, n.o.s.	8	III.		
ADR/RID Class	1903	Disinfectants, liquid, corrosive, n.o.s.	8	III.		
IMDG Class	1903	Disinfectants, liquid, corrosive, n.o.s.	8	III.		
IATA-DGR Class	1903	Disinfectants, liquid, corrosive, n.o.s.	8	III.		

**Section 15: Regulatory information**

**International Inventories**

TSCA Complies  
 DSL/NDSL Complies

**Legend:**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

Acute health hazard No.  
 Chronic Health Hazard No.  
 Fire hazard No.  
 Sudden release of pressure hazard No.  
 Reactive Hazard No.

**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 3355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals

Chemical Name	California Proposition 65
Ethanol	Carcinogen Developmental

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

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Ethanol	x	x	x

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** 10324-63-8370

**EPA Statement**

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. See the product label for the FIFRA hazard information as required on the pesticide label.

**Section 16: Other information****Hazardous Material****Information System (U.S.A.):**

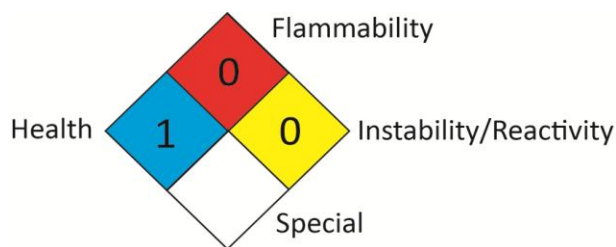
Health	*1
Flammability	0
Physical hazards	0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J.J. Keller (800) 327-6868.

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