



**INNOVATIVE
CHEMICAL
CORPORATION**

7769 95th Street South
Cottage Grove, MN 55016

SAFETY DATA SHEET

Revision Date: 8/13/2015
Emergency Phone: 1-800-535-5053 (Infotrac)

Section 1: Identification

Product Name: Equipment & Vehicle Cleaner	Code: 98PEV00
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/HCS status

Not Applicable

Classification of the substance or mixture: Serious Eye Damage/Eye Irritation: Category 2A

Label elements

Signal word: Warning
Hazard statements: Causes serious eye irritation



Precautionary Statements

Prevention: Wash hands and any exposed skin thoroughly after handling. Wear eye / face protection.

Response: IF IN 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. 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.
Causes mild 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
alkyl polyglucoside	1-5	68515-73-1
sodium carbonate	1-5	497-19-8
alcohol ethoxylate	1-5	68439-46-3
citric acid	1-5	77-92-9
alkyl polyglucoside	1-5	110615-47-9

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 at least 15 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 type of surrounding fire
Specific hazards arising from the chemical	Dried product is capable of burning. Combustion products are toxic.
Hazardous thermal decomposition products	May include Carbon monoxide Carbon dioxide and other toxic gases or vapors.
Protective equipment and precautions 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.
Environmental precautions	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 Safe Handling:	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.
Storage Conditions:	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

None established.

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	Wear splash goggles
Skin/Body	Not required with expected use

Section 9: Physical and Chemical Properties

Physical state	Liquid
Color	Clear
Odor	None Added
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 (BuAc = 1)
Flammability (solid, gas)	Not available
Lower and upper explosive (flammable) limits	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	1.01
Solubility	Easily soluble in cold and hot 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	-
sodium carbonate	Oral LD50	Rat	4090 mg/kg	-
alcohol ethoxylate	Oral LD50	Rat	1378 mg/kg	-
	Dermal LD50	Rabbit	> 2 g/kg	-
citric acid	Oral LD50	Rat	3000 mg/kg	-

Irritation/Corrosion

Not available

Sensitization

Not available

Mutagenicity

Not available

Carcinogenicity

No components present at 0.1% or greater are listed as to being carcinogens by ACGIH, IARC, NTP or OSHA.

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: Oral, Dermal, Ingestion, Inhalation

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	Pain, redness, swelling of the conjunctiva and blurred vision.
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.

Numerical measures of toxicity

Acute toxicity estimates

Route	ATE value
Oral	49840 mg/kg
Inhalation (vapors)	79.2 mg/l

Section 12: Ecological information

Toxicity

Chemical Name	Algae/Aquatic Plants	Fish	Toxicity to Microorganisms	Crustacea
sodium carbonate	242: 120 h Nitzschia mg/L EC50	300: 96 h Lepomis macrochirus mg/L LC50 static 310 - 1220: 96 h Pimephales promelas mg/L LC50 static	Not Available	265: 48 h Daphnia magna mg/L EC50
citric acid	Not Available	1516: 96 h Lepomis macrochirus mg/L LC50 static	Not Available	120: 72 h Daphnia magna mg/L EC50

Persistence and degradability

Not available.

Bioaccumulative potential

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	N/A					
TDG Classification	N/A					
Mexico Classification	N/A					
ADR/RID Class	N/A					
IMDG Class	N/A					
IATA-DGR Class	N/A					

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

Section 15: Regulatory information

TSCA Status: (Toxic Substance Control Act Section 8(b) Inventory) All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

SARA 313 This product does not contain listed substances above the "de minimus" level

SARA 311/312 Hazard Categories

Acute Health Hazard:	Yes
Chronic Health Hazard:	No
Fire Hazard:	No
Sudden release of pressure hazard:	No
Reactive Hazard:	No

California Proposition 65 This product contains the following Proposition 65 chemicals

Chemical Name	California Proposition 65
acetaldehyde - 75-07-0	Carcinogen

WARNING: This product contains a chemical known to the State of California to cause cancer.

Section 16: Other information

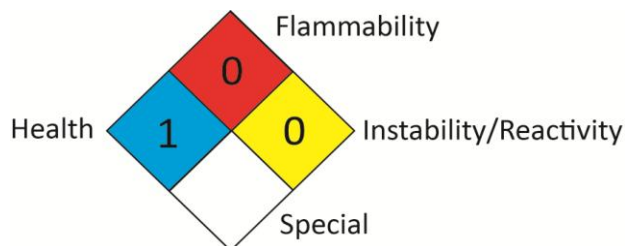
Hazardous Material Information System (U.S.A.):

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