



**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. |
|---------------------------|------------------------|

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. |
|---|--|

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 | 8 |
| 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

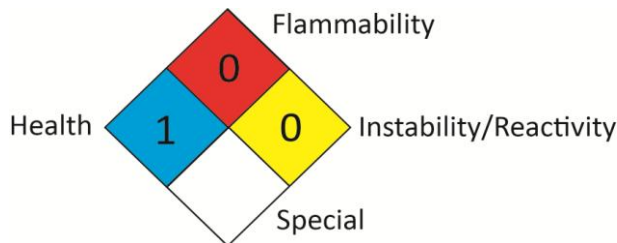
Hazardous Material Information System (U.S.A.):

| | |
|------------------|----|
| Health | *1 |
| Flammability | 0 |
| Physical hazards | 0 |
| | |

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

National Fire Protection Association:



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