



**INNOVATIVE
CHEMICAL
CORPORATION**

7769 95th Street South
Cottage Grove, MN 55016

SAFETY DATA SHEET

Revision Date: 01/28/2023

Emergency Phone: 1-800-535-5053 (Infotrac)

Section 1: Identification

Product Name: Impact

Code: 2BTP00

Chemical Type: Liquid

Manufacturer/Supplier:

Innovative Chemical Corporation
7769 95th Street South
Cottage Grove, MN 55016
651-649-1762

Section 2: Hazard(s) Identification

United States (US)

According to OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture:

Skin Irritation	Category 2
Eye irritation	Category 2A

Hazard Statements

Causes Skin Irritation

Causes serious eye damage

Label elements

Signal word: Warning

Hazard statements: Causes skin irritation
Causes eye irritation



Precautionary Statements

Prevention

Wash face, hands and any exposed skin thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection

Use only outdoors or in a well-ventilated area

Response

Specific Treatment (See Section 4 on the SDS)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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.

IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.

Storage

Store locked up. Store in a well ventilated place. Keep container tightly closed.

Disposal

Dispose of contents/container to an approved waste disposal plant.

Hazards not otherwise classified (HNOC)

Section 3: Composition/Information on Ingredients

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

Component	CAS Number	Percentage
Acetic Acid	64-19-7	<20%
Citric Acid	77-92-9	<8%
Ammonium Hydroxide	1336-21-6	<1%

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

Inhalation	Remove to fresh air. If breathing is difficult give oxygen. If not breathing, give artificial respiration. Get medical attention.
Skin	Wash off immediately with soap and plenty of water for at least 15 minutes while removing all contaminated clothes and shoes.
Eyes	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye lid open while rinsing. Do not rub affected area.
Ingestion	DO NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Remove from exposure, lie down. Clean mouth with water and drink afterwards plenty of water. Call a physician or poison control center immediately.

Indication of any immediate medical attention needed

Ingestion	If ingestion , get medical attention.
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See toxicological information (Section 11)

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Special protective equipment and precautions for firefighters	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
Specific hazards arising from the chemical	Emits toxic fumes (carbon oxides) under fire conditions. (See also Stability and Reactivity section)._

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
For emergency responders	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non- emergency personnel".
Environmental precautions	Report the spill as required by local and federal regulations'
Methods and materials for containment and cleaning up	Absorb spill with noncombustible absorbent material, then place in a suitable container for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

Section 7: Handling and Storage

Conditions for safe storage, including any incompatibilities

Precautions for safe handling

See section 8 for recommendations on the use of personal protective equipment. Use with adequate ventilation. Wash thoroughly after using. Keep container closed when not in use. Avoid formation of aerosols.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well ventilated area. Keep away from incompatible materials (see section 10 for incompatibilities). Keep from freezing.

Section 8: Exposure Controls/Personal Protection

EXPOSURE GUIDELINES		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name	CAS	ppm	mg/m3	ppm	mg/m3	mg/m3	ppm
Acetic Acid	64-19-7	10		15			
Citric Acid	77-92-9						
Ammonium Hydroxide	1336-21-6	50		25			

Individual protection measures

Hygiene measures	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Respiratory	Ensure adequate ventilation, especially in confined areas. No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
Eyes/Face	Wear safety glasses. Wear a face shield if splashing hazard exists.
Skin/Body	Wear gloves for prolonged exposure

Other Recommendations

Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

Section 9: Physical and Chemical Properties

Physical state	Liquid
Color	Clear
Odor	Slight pungent, vinegar-like, sour
Odor threshold	Not available
pH	5.80
Melting Point	30°F
Boiling Point	212°F (100°C)
Flash Point	>140°F
Evaporation rate	1 (Water =1)
Flammability (solid, gas)	Not available
Lower/upper explosive (flammable) limits	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	1.005-1.015
Solubility	Soluble in water
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Water
VOC:	<20%

Section 10: Stability and Reactivity

Reactivity: Not Normally reactive

Chemical stability: Stable

Possibility of Hazardous Reactions: Reacts with base generating heat

Conditions to avoid: Direct sources of Heat. Extremely high or low temperatures

Incompatible materials: Do not mix with any other chemicals. Avoid strong acids and bases. Avoid strong alkalis.

Hazardous decomposition products: Carbon Oxides. Thermal decomposition can lead to release of irritating and toxic gases and vapors and smoke

Section 11: Toxicological Information

Acute toxicity

Ingredient name	Result	Species	Dose
Acetic Acid	LD50 Oral	Rat	3310 mg/kg
	LD50 Dermal	Rabbit	1060 mg/kg
	LC50 Inhalation	Rat	11.4 mg/L/4Hr.
Citric Acid	LD50 Oral	Rat	5400 mg/kg
	LD50 Dermal	Rabbit	>2000 mg/kg
	LC50 Inhalation	Rat	No Data
Ammonium Hydroxide	LD50 Oral	Rat	350 mg/kg
	LD50 Dermal	Rabbit	250ug (severe)
	LC50 Inhalation	Rat	2000 ppm/4Hr.

Irritation/Corrosion Not Available

Sensitization Not Available

Mutagenicity Not Available

Carcinogenicity

IARC	No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH	No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP	No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
OSHA	No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

Not available

Teratogenicity

Not available

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available

Information on the likely routes of exposure

Routes of entry anticipated: Skin, eyes, inhalation, ingestion.

Routes of entry not anticipated: not available.

Potential acute health effects

Eye contact	No known significant effects or critical hazards.
Inhalation	No known significant effects or critical hazards.
Skin contact	No known significant effects or critical hazards.
Ingestion	No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Skin	Reddening, itching, inflammation.
Eyes	Irritation, lacrimation. redness, pain.
Respiratory	Sneezing, coughing, edema of larynx.
Ingestion	Pain of the mouth, throat, nausea, abdominal spasms, vomiting, 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:** Not available.**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****Section 12: Ecological information****Toxicity**

Product/ingredient name	Algae/aquatic plants	Fish	Crustacea
Acetic Acid	Fathead minnow (Pimephales promelas mg/L		47: 24 h Daphnia magna 6000mg/L EC50 24 h

Acetic Acid	LC50 static 79mg: 96 h		
Citric Acid	NOEC (8d mat. (nominal) based on cell density 425 mg/L	LC50 48 h 440mg/L	LC50: 24 h Daphnia magna 1535 mg/L
Ammonium Hydroxide	Fathead minnow (Pimephales promelas 8.2 mg/L	Rainbow trout: LC50 24 h 0.008mg/L	

Persistence and degradability

Not available.

Bioaccumulative potential

Not Determined

Mobility

Chemical Name	Partition Coefficient
Acetic Acid 64-19-7	-0.31

Other adverse effects: Not Determined

Section 13: Disposal considerations

Waste Product or Residues	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste products or residue.
Product Containers	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste products or residue.

Contaminated packaging Do not reuse container.

Section 14: Transport information

Regulatory info	UN number	Proper shipping name	Classes	PG	Special Provisions	Additional info
DOT Classification		Not Determined				

Note: Similar products have been tested and have been determined to not be corrosive as defined in the DOT regulations.

Section 15: Regulatory information

U.S. Federal regulations

TSCA (TOXIC SUBSTANCE CONTROL ACT): The ingredients of this product are listed or exempted from listing because of Low Volume Exemption has been granted in accordance with 40 CFR 723.50

SARA 302/304 EMERGENCY PLANNING EMERGENCY PLAN: There are no SARA Title III Section 302 extremely hazardous

substances present in this formulation (40 CFR 355).

SARA 311/312: Acute Health: [x] Chronic: [X] Fire: [] Sudden Release of Pressure: [] Reactive: []

SARA 313 (Specific Toxic chemical listings): None

CWA (Clean Water Act)

This product contains the no substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

State regulations

California Proposition 65: This product does not contain any substance listed as Carcinogen.

U.S. EPA Label Information

EPA Pesticide Registration Number: Not applicable

Section 16: Other information

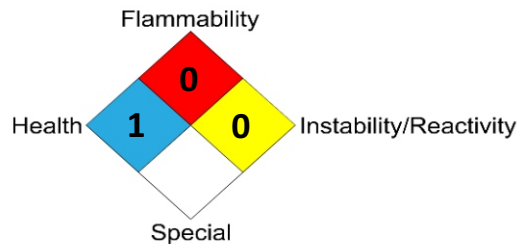
Hazardous Material Information System (U.S.A.):

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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Procedure used to derive the classification

Classification	Justification
Not classified.	

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