



**INNOVATIVE
CHEMICAL
CORPORATION**

7769 95th Street South
Cottage Grove, MN 55016

SAFETY DATA SHEET

Revision Date: 6/3/2015

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

Section 1: Identification

Product Name: Release

Code: 98PRL00

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:

Acute toxicity - Oral: Not classified

Acute toxicity - Dermal: Not classified

Carcinogenicity: Category 1B

Label elements

Signal word: Danger, Warning

Hazard statements: Skin corrosion/burns
Eye damage
Corrosive to metals
Irritant (skin and eye)



Precautionary Statements

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Use personal protective equipment as required.
If exposed or concerned, get medical advice/attention.
Immediately call a poison center or doctor/physician
Store locked up.
Dispose of contents/container to an approved waste disposal plant.

0.01055% of the mixture consists of ingredient(s) of unknown toxicity.

Section 3: Composition/Information on Ingredients

Substance or mixture: Mixture

Other means of identification: Not available.

Hazardous Components		
Chemical Name	%weight	CAS number
Sodium Nitrate	1-1	7631-99-4

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

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	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	Use of water spray may be inefficient.
Specific hazards arising from the chemical	No information available.
Protective equipment and precautions for firefighters	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

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. Ensure adequate ventilation, especially in confined areas.
------------------------------------	--

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	See section 12.

Methods and material for containment and cleaning up

Containment	Prevent further leakage or spillage if safe to do so.
Spills	Pick up and transfer to properly labeled containers.

Section 7: Handling and Storage

Conditions for safe storage, including any incompatibilities

Handle in accordance with good industrial hygiene and safety practice. Keep containers tightly closed in a dry, cool and well-ventilated place. No known incompatible materials based on information supplied.

Section 8: Exposure Controls/Personal Protection

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
2-(2-methoxypropoxy) propano 34590-94-8	STEL: 150 ppm TWA: 100 ppm S*	TWA: 100 ppm TWA: 600 mg/m ₃ (vacated) TWA: 100 ppm (vacated) TWA: 600 mg/m ₃ (vacated) STEL: 150 ppm (vacated) STEL: 900 mg/m ₃ (vacated) S* S*	IDLH: 600 ppm TWA: 100 ppm TWA: 600 mg/m ₃ STEL: 150 ppm STEL: 900 mg/m ₃
Sodium Hydroxide 1310-73-2	Ceiling: 2 mg/m ₃	TWA: 2 mg/m ₃ (Vacated) Ceiling: 2 mg/m ₃	IDLH: 10 mg/m ₃ Ceiling: 2 mg/m ₃

NIOSH IDLH Immediately Dangerous to Life or Health

Other Information

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Individual protection measures

Engineering Controls	Showers, Eyewash stations & Ventilation systems.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice.
Respiratory	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.
Eyes/Face	Wear safety glasses with side shields (or goggles).
Skin/Body	Wear impervious protective clothing, including boots, gloves, la coat, apron or coveralls, as appropriate, to prevent skin contact.

Section 9: Physical and Chemical Properties

Physical state	Liquid	
Color	Light Blue	
Odor	None Added	
Odor threshold	Not available	
pH	8.5	
Melting Point	Not available	
Boiling Point		
Flash Point	None	
Evaporation rate	Not available	
Flammability (solid, gas)		
Lower and upper explosive (flammable) limits		Not available
Vapor pressure	Not available	
Vapor density	Not available	
Relative density	Not available	
Solubility	Complete	
Partition coefficient: n-octanol/water		Not available
Auto-ignition temperature	Not available	
Decomposition temperature	Not available	
Viscosity at 25°C	<25 cP @ 25°C	

Section 10: Stability and Reactivity

Reactivity: No specific test data.

Chemical stability: Stable

Incompatibility: None known based on information supplied.

Hazardous decomposition products: None known based on information supplied.

Possibility of Hazardous Reactions: None under normal processing.

Conditions to avoid: Extremes of temperature and direct sunlight.

Section 11: Toxicological Information

Information on toxicological effects

Acute toxicity

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
2-(2-methoxypropoxy)propano 34590-94-8	=5230 mg/kg (Rat)	=9500 mg/kg (Rabbit)	-
Sodium Nitrate 7631-99-4	=1267 mg/kg (Rat)	-	-

Irritation/Corrosion

Not available

Sensitization

Not available

Mutagenicity

Not available

Carcinogenicity

Chemical Name	ACGIH	IARC	NTP	OSHA
Sodium Nitrate 7631-99-4	-	Group 2A	-	X

IARC (International Agency for research on Cancer) Group 2A - Probably Carcinogenic to Humans.

OSHA (Occupational Safety and Health Administration of the US Department of Labor) X - Present.

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

Product information: Harmful by inhalation and in contact with eyes and skin.

Inhalation: Avoid breathing vapors or mists. May cause irritation of respiratory tract.

Eye contact: Avoid contact with eyes. May cause slight irritation.

Skin contact: Avoid contact with the skin. Prolonged contact with skin may result in adsorption of potentially harmful amounts leading to possible liver and kidney damage.

Ingestion: Do not taste or swallow. May cause gastro intestinal irritation. Can burn mouth, throat, and stomach. Ingestion may result in absorption of potentially harmful amounts leading to possible liver and kidney damage.

Section 12: Ecological information

Toxicity

3.01055% of the mixture consists of component(s) of unknown hazards to the aquatic environment.

Product/ingredient name	Algae/aquatic plants	Fish	Crustacea
2-(2-methoxypropoxy)propano 34590-94-8	-	10000: 96h Pimephales promelas mg/L LC50 static	1919: 48h Daphnia magna mg/L LC50
Tetrasodium EDTA 64-02-8	1.01: 72h Desmodemus subspicatus mg/L EC50	41: 96h Lepomis macrochirus mg/L LC50 static 59.8: 96h Pimephales promelas	610: 24h Daphnia magna mg/L EC50

		mg/L LC50 static	
Sodium Nitrate 7631-99-4	-	2000: 96h Lepomis macrochirus mg/L LC50 static 994.4 - 1107: 96h Oncorhynchus mykiss mg/L LC50 static	-
Sodium Hydroxide 1310-73-2	-	45.4: 96h Oncorhynchus mykiss mg/L LC50 static	-
Trisodium nitrilotriacetate 5064-61-3	560-1000 96h Chlorella vulgaris mg/L EC50	93-170: 96h Pimephales promelas mg/L LC50 flow through 560-1000: 96h Oryzias latipes mg/L LC50 semi-static 72-133: 96h Oncorhynchus mykiss mg/L LC50 static 560-1000: 96h Poecilia reticulata mg/L LC50 semi-static 560-100 p6h Poecilia reticulata mg/L LC50 114: 96h Pimephales promelas mg/L LC50 175-225: 96h Lepomis macrochirus mg/L LC50 470: 96h Pimephales promelas mg/L LC50 static 560-1000: 96h Oryzias latipes mg/L LC50	560-1000: 48h Daphnia magna mg/L LC50

Persistence and degradability

No information available.

Bioaccumulation

Bioaccumulative potential.

Chemical Name	Partition coefficient
Sodium Nitrate	-3.8

Other adverse effects

No information available

Section 13: Disposal considerations

Waste disposal

Disposal should be in accordance with applicable regional, national and local laws and regulations. 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 Haradous Waste Status
Sodium Nitrate 7631-99-4	Toxic Ignitable Reactive

Section 14: Transport information

The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.

DOT: Not regulated.

TDG: Not regulated.

Section 15: Regulatory information

International Inventories

TSCA: Complies

DSL/NDSL: Complies

U.S. Federal regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical(s) which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical Name	SARA 313 - Threshold Values %
2-(2-methoxypropoxy)propano 34590-94-8	1.0

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 does not contain any substances regulated as 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 355). There may be specific reporting

requirements at the local, regional, or state level pertaining to releases of this material.

State regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

US State Right to Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
2-(2-methoxypropoxy)propano 34590-94-8	X	X	X
Sodium Nitrate 7631-99-4	X	X	X
Sodium Hydroxide 1310-73-2	X	X	-
Trisodium nitrilotriacetate 5064-31-3	-	X	-

US EPA Label Information

EPA Pesticide Registration Number: Not applicable.

Section 16: Other information

Hazardous Material

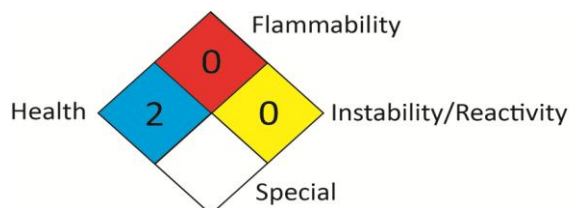
Information System (U.S.A.):

Health	2
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:



Reprinted with permission from NFPA 704-2001, Identification of the Hazards of Materials for Emergency Response Copyright ©1997, National Fire Protection Association, Quincy, MA 02269. This reprinted material is not the complete and official position of the National Fire Protection Association, on the referenced subject which is

represented only by the standard in its entirety.

Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

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