



**INNOVATIVE
CHEMICAL
CORPORATION**

7769 95th Street South
Cottage Grove, MN 55016

SAFETY DATA SHEET

Revision Date: 7/29/2015
Emergency Phone: 1-800-535-5053 (Infotrac)

Section 1: Identification

Product Name: Knock Out	Code: 98PK00
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: Acute Toxicity (Oral) : Category 4
Skin Corrosion : Category 1A
Serious Eye Damage: Category 1
Specific Target Organ Toxicity: Category 3 (Respiratory System)

Label elements

Signal word: DANGER
Hazard statements: Harmful if swallowed.
Causes severe skin burns and eye damage.
May cause respiratory irritation.



Precautionary Statements

Prevention: Do not breathe the dust or mist. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response: IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel sick. Rinse mouth. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. 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 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. Wash contaminated clothing before reuse.

Storage: Store in a well-ventilated place. Keep container tightly closed. Store locked up.
Disposal: Dispose of contents/container in accordance with local regulation.

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
sodium metasilicate	60 - 90	6834-92-0
sodium carbonate	20 - 30	497-19-8
D-limonene- orange distillate; citrus terpene; cyclohexene	1 - 5	94266-47-4

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	Small amounts splashed into eyes can cause irreversible tissue damage and blindness. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
Inhalation	If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.
Skin	Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty. If on skin, rinse well with water. If on clothes, remove clothes.
Ingestion	Keep respiratory tract clear. Do not induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital.

See toxicological information (Section 11)

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media	Dry chemical
Unsuitable extinguishing media	High volume water jet
Specific hazards arising from the chemical	Do not allow run off from fire fighting to enter drains or water ways.
Hazardous thermal decomposition products	Carbon dioxide (CO ₂), Carbon monoxide, Smoke
Protective equipment for fire-fighters	Wear self-contained breathing apparatus for firefighting if necessary

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel | Use personal protective equipment. Avoid dust formation. Avoid breathing dust.

Environmental precautions	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
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Methods and material for containment and cleaning up

Methods and materials for containment and cleaning up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up or vacuum up spillage and collect in suitable container for disposal. Neutralize with acid. Keep in suitable, closed containers for disposal.
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Section 7: Handling and Storage

Precautions for safe handling

Advice on safe handling	Avoid formation of fine dust particles. Do not breathe vapors/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms. Dispose of rinse water in accordance with local and national regulations.
Materials to avoid	Keep away from oxidizing agents and strongly acid or alkaline materials.
Conditions for safe storage including any incompatibilities	Keep container tightly closed in a dry and well-ventilated place. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

Section 8: Exposure Controls/Personal Protection

Control parameters

Occupational exposure limits

Ingredient Name	Exposure Limits
D-limonene	TWA 30 ppm TWA 10 ppm ACGIH 24 mg/m ³ NIOSH REL TWA 50 ppm 240 mg/m ³ OSHA Z-1 TWA 25 ppm 120 mg/m ³ OSHA P0

Individual protection measures

Hygiene measures	When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of work day.
Respiratory	In the case of dust or aerosol formation use respirator with an approved filter. Dust safety masks are recommended when the dust concentration is more than 10 mg/m ³ .
Eyes/Face	Eye wash bottle with pure water. Tightly fitting safety goggles. Wear face shield and protective suit for abnormal processing problems.
Hands	Skin should be washed after contact. For prolonged or repeated contact use protective gloves. The suitability for a specific workplace should be discussed with the producers of the protective gloves.
Skin/Body	Dust impervious protective suit. Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Section 9: Physical and Chemical Properties

Physical state	Powder
Color	White
Odor	Citrus
Odor threshold	Not available
pH	12
Melting Point	Not available
Boiling Point	Not available
Flash Point	Closed cup: Not applicable. [Product does not sustain combustion.]
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Lower and upper explosive (flammable) limits	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	
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

Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	No decomposition if stored and applied as directed. Dust may form explosive mixture in air.
Conditions to avoid:	no data available
Incompatible materials:	Acids, Metals
Hazardous decomposition products:	Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke). Nitrogen oxides (NOx)

Section 11: Toxicological Information

Acute toxicity

Ingredient name	Result	Species	Dose	Exposure
sodium metasilicate	LD50	Rat	1,153 mg/kg	-
sodium carbonate	LD50 Oral	Rat	4,090 mg/kg	-
	LC50	Rat	5,750 mg/l	2 hrs
D-limonene	LD50 Oral	Rat	> 50 g/kg	-

Irritation/Corrosion

Not available

Sensitization

Not available

Mutagenicity

Not available

Carcinogenicity

Not available

Reproductive toxicity

Not available

Teratogenicity

Not available

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

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

Section 12: Ecological information

Toxicity

Not available.

Persistence and degradability

Not available.

Bioaccumulative potential

Not available.

Mobility in soil

Soil/water partition coefficient (K_{oc}): Not available

Other adverse effects: No known significant effects or critical hazards.

Section 13: Disposal considerations

Waste disposal

Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of in accordance with local regulations. Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

Section 14: Transport information

Regulatory info	UN number	Proper shipping name	Classes	PG	Environmental hazards	Additional info
DOT Classification	Not regulated					
TDG Classification	Not regulated					
Mexico Classification	Not regulated					
ADR/RID Class	Not regulated					
IMDG Class	Not regulated					
IATA-DGR Class	Not regulated					

Special precautions for user: Not available

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable for product as supplied.

Section 15: Regulatory information

U.S. Federal regulations EPCRA - Emergency Planning and Community Right-to-Know Act
 CERCLA Reportable Quantity

Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs) Not Listed

Clean Air Act Section 602 Class I Substances Not Listed

Clean Air Act Section 602 Class Not Listed
II Substances

DEA List I Chemicals (Precursor Not Listed
Chemicals)

DEA List II Chemicals (Essential Not Listed
Chemicals)

SARA 302/304 No products found

SARA 304 RQ Not applicable.

SARA 311/312
Classification
Immediate (acute) health hazard

SARA 313
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Section 16: Other information

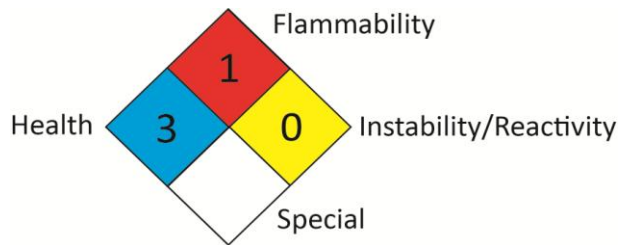
Hazardous Material
Information System (U.S.A.):

Health	*3
Flammability	1
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