



**INNOVATIVE
CHEMICAL
CORPORATION**

7769 95th Street South
Cottage Grove, MN

SAFETY DATA SHEET

Revision Date: 8/20/2015
Emergency Phone: 1-800-535-5053 (Infotrac)

Section 1: Identification

Product Name: Powder Laundry Detergent **Code:** 98LPD00
Chemical Type: Liquid **Manufacturer/Supplier:**
Innovative Chemical Corporation
7769 95th Street South
Cottage Grove, MN 55016
651-649-1762

Section 2: Hazard(s) Identification

GHS Classification

Corrosive to Metals	Category 1
Acute toxicity - Oral	Category 4
Skin corrosion/irritation	
Serious eye damage/eye irritation	Category 1
Specific Target Organ Toxicity	(Single Exposure) Respiratory Tract Irritation - Category 3
Aquatic Toxicity	Category 3

GHS Label element

Signal word: Danger

Hazard statements:

Harmful if swallowed.

May cause respiratory irritation.

Harmful to aquatic life.



Precautionary Statements

Prevention: Wear protective gloves. Wear eye or face protection. Wear protective clothing. Keep only in original container. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Avoid breathing dust. Do not breathe dust or mist. Wash hands thoroughly after handling.

- Response:** Absorb spillage to prevent material damage. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or physician. IF SWALLOWED: Immediately call a POISON CENTER or physician. Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or 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 physician.
- Storage:** Store in corrosive resistant container with a resistant inner liner
- Disposal:** See section 13 for waste disposal information.
- Other hazards:** Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat.

Section 3: Composition/Information on Ingredients

CAS number/other identifiers

Hazardous Components		
Chemical Name	%weight	CAS
SODIUM DODECYLBENZENESULFONATE	1	25155-30-0
SODIUM CARBONATE	50	497-19-8
SODIUM METASILICATE	20-50	6834-92-0
alcohols, c12-16, ethoxylated	5-20	68551-12-2
SODIUM CARBONATE PEROXIDE	1-5	15630-89-4

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

Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.
Skin contact	Take off immediately all contaminated clothing. Rinse skin with water or shower. Get medical attention immediately. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention immediately.
Ingestion	Get medical attention immediately. Rinse mouth. Do not induce vomiting.
Protection of first-aiders	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If ventilation is inadequate, use respirator that will protect against dust/mist. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.
Notes to Physician	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

See toxicological information (Section 11)

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media	Use dry chemical powder.
Specific hazards arising from the chemical	This material is harmful to aquatic life. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
Hazardous thermal decomposition products	Decomposition products may include the following materials: carbon dioxide carbon monoxide sulfur oxides metal oxide/oxides
Specific fire-fighting methods	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal precautions	Initiate company's spill response procedures immediately. Keep people out of area. Put on appropriate personal protective equipment (see section 8). Do not touch or walk through spilled material.
Environmental precautions	Avoid contact of spilled material and runoff with soil and surface waterways.
Methods for cleaning up	If emergency personnel are not present, contain and collect small spillages with non-combustible absorbent material, e.g. sand, earth or other suitable material and place in a suitable container for disposal. Use a water rinse for final clean-up.

Section 7: Handling and Storage

Precautions for safe handling

Handling	Do not ingest. Do not get in eyes or on skin or clothing. Do not breathe dust. Use only with adequate ventilation. Wash thoroughly after handling.
Storage	Keep out of reach of children. Keep container tightly closed.
Storage temperature	Store between the following temperatures: 0 and 50°C

Section 8: Exposure Controls/Personal Protection

Control parameters

Chemical Name	Exposure limits
None.	

Appropriate engineering controls	Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.
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Personal protective equipment

Eye protection	Use chemical splash goggles. For continued or severe exposure wear a face shield over the goggles.
Hand protection	Use chemical-resistant, impervious gloves.
Skin protection	Use synthetic apron, other protective equipment as necessary to prevent skin contact.
Respiratory protection	A respirator is not needed under normal and intended conditions of product use.
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 before reusing.

Section 9: Physical and Chemical Properties

Physical state	Liquid
Color	White
Odor	Fresh & Clean
pH	
Flash point	> 100°C
Odor Threshold	No data available
Melting point/freezing point	No data available
boiling range	>100°C (>212°F)
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper flammability limit:	No data available
Lower flammability limit:	No data available
Vapor pressure	No data available
Relative vapor density	No data available
Relative density	
Water solubility	Soluble in the following materials: hot water. Partially soluble in the following materials: cold water.
Solubility in other solvents	No data available
Partition coefficient: noctanol/water	No data available
Autoignition temperature	No data available
Thermal decomposition	No data available

Viscosity, kinematic No data available

Explosive properties No data available

Molecular weight No data available

VOC No data available

Section 10: Stability and Reactivity

Stability	The product is stable.
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	No specific data.
Materials to avoid	Highly reactive or incompatible with the following materials: acids. Reactive or incompatible with the following materials: metals. Slightly reactive or incompatible with the following materials: moisture.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11: Toxicological Information

Information on likely routes of exposure

Skin contact, Eye contact, Ingestion

Symptoms

Eyes	Adverse symptoms may include the following: pain, watering, redness
Skin	Adverse symptoms may include the following: pain or irritation, redness, blistering may occur
Inhalation	Adverse symptoms may include the following: respiratory tract irritation, coughing, Respiratory tract irritation
Ingestion	Adverse symptoms may include the following: stomach pains

Acute toxicity

Eye contact	Causes serious eye damage.
Skin contact	Causes severe burns.
Inhalation	May cause respiratory irritation.
Ingestion	Harmful if swallowed. May cause burns to mouth, throat and stomach.

Ecotoxicity

Product/ingredient name	Result	Species	Dose
sodium carbonate	LC50 Inhalation Dusts and mists	Rat	1.15 mg/l
	LD50 Dermal	Rabbit	>2000 mg/kg
	LD50 Oral	Rat	2800 mg/kg
disodium metasilicate	LD50 Oral	Rat	500 mg/kg
alcohols, c12-16, ethoxylated	LD50 Dermal	Rabbit	>2000 mg/kg
	LD50 Oral	Rat	1100 mg/kg

sodium percarbonate	LD50 Dermal	Rabbit	>2000 mg/kg
	LD50 Oral	Rat	1034 mg/kg
sodium dodecylbenzene sulfonate	LD50 Dermal	Rat	>2000 mg/kg
	LD50 Oral	Rat	1090 mg/kg

Chronic toxicity

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.

Section 12: Ecological information

Ecotoxicity

Environmental Effects	This material is harmful to aquatic life.
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Aquatic and terrestrial toxicity

Product/ingredient name	Result	Species	Exposure
sodium carbonate	Acute EC50 200 mg/l	Daphnia	48 hours
disodium metasilicate	Acute LC50 210 mg/l	Fish	96 hours
alcohols, c12-16, ethoxylated	Acute LC50 1.5 mg/l	Fish	96 hours
sodium percarbonate	Acute LC50 4.9 mg/l	Daphnia	48 hours
sodium dodecylbenzene sulfonate	Acute LC50 3.2 mg/l	Fish	96 hours

Other adverse effects

No known significant effects or critical hazards.

Section 13: Disposal considerations

Disposal methods

Avoid disposal. Attempt to use product completely in accordance with intended use. Disposal should be in accordance with applicable regional, national and local laws and regulations.

Section 14: Transport information

Regulatory info	UN number	Proper shipping name	Classes	PG	Environmental hazards	Additional info
DOT Classification	3253	Disodium trioxosilicate mixture	8.	III.		
TDG Classification	3253	Disodium trioxosilicate mixture	8.	III.		
Mexico Classification	3253	Disodium trioxosilicate mixture	8.	III.		

ADR/RID Class	3253	Disodium trioxosilicate mixture	8.	III.		
IMDG Class	3253	Disodium trioxosilicate mixture	8.	III.		
IATA-DGR Class	3253	Disodium trioxosilicate mixture	8.	III.		

Section 15: Regulatory information

U.S. Federal regulations

TSCA 8(b) inventory

All components are listed or exempted.

SARA 302/304/311/312 extremely hazardous substances:

No listed substance

SARA 302/304 emergency planning and notification

No listed substance

SARA 313

Form R - Reporting Requirements: No listed substance

California Prop 65

No listed substance

Section 16: Other information

Hazardous Material

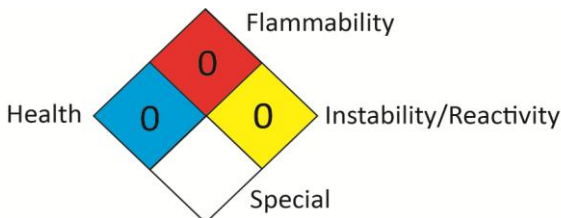
Information System (U.S.A.):

Health	0
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