



**INNOVATIVE
CHEMICAL
CORPORATION**

7769 95th Street South
Cottage Grove, MN

SAFETY DATA SHEET

Revision Date: 8/14/2015
Emergency Phone: 1-800-535-5053 (Infotrac)

Section 1: Identification

Product Name: Laundry Detergent Plus	Code: 98PNL00
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 ACUTE TOXICITY: ORAL - Category 4
SKIN CORROSION/IRRITATION - Category 2
SERIOUS EYE DAMAGE/ EYE IRRITATION -
Category 2B

GHS Label element

Signal word: Warning
Hazard statements: Harmful if swallowed.
Causes skin and eye irritation.



Precautionary Statements

Prevention: Wear protective gloves. Wash hands thoroughly after handling.
Response: IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell. Rinse mouth. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical attention. 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.
Storage: No other specific measures identified.
Disposal: See section 13 for waste disposal information.
Other hazards: None known.

Section 3: Composition/Information on Ingredients

CAS number/other identifiers

Hazardous Components		
Chemical Name	%weight	CAS
TEA-DODECYLBENZENESULFONATE	3	27323-41-7

alcohols, c12-16, ethoxylated	50	68551-12-2
HEXYLENE GLYCOL	5-20	107-41-5

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

In case of eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.
In case of skin contact	Take off contaminated clothing. Wash with plenty of soap and water. Get medical attention if irritation persists. Wash clothing before reuse. Clean shoes thoroughly before reuse.
If swallowed	Get medical attention if you feel unwell. Rinse mouth.
If inhaled	No special measures required. Treat symptomatically.
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.
Notes to Physician	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

See toxicological information (Section 11)

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media	Use water spray, fog or foam.
Specific hazards during fire fighting	In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous thermal decomposition products	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides sulfur 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 apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal precautions, protective equipment and emergency procedures	Use personal protective equipment as required.
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Environmental precautions	Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.
Methods and materials for containment and cleaning up	Use a water rinse for final clean-up.

Section 7: Handling and Storage

Precautions for safe handling

Advice on safe handling	Do not ingest. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Use only with adequate ventilation. Wash thoroughly after handling.
Conditions for safe storage	Keep out of reach of children. Keep container tightly closed.
Storage temperature	Store between the following temperatures: 5 and 50°C

Section 8: Exposure Controls/Personal Protection

Ingredients with workplace control parameters

Ingredient Name	Exposure Limits
HEXYLENE GLYCOL	ACGIH TLV (United States, 3/2012). C: 121 mg/m ³ C: 25 ppm

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.
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Personal protective equipment

Eye protection	No protective equipment is needed under normal use conditions.
Hand protection	Use chemical-resistant, impervious gloves.
Skin protection	No protective equipment is needed under normal use conditions.
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	Yellow
Odor	Lemon
pH	7
Flash point	>100 °C (Open cup)
Odor Threshold	No data available
Melting point/freezing point	No data available

Initial boiling point and 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	0.895 to 1.015 (Water = 1)
Water solubility	soluble
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	Kinematic (room temperature): 0 cm ² /s (0 cSt)
Explosive properties	No data available
Oxidizing properties	No data available
Molecular weight	No data available
VOC	No data available

Section 10: Stability and Reactivity

Chemical 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.
Incompatible materials	Not available.
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, Inhalation, Ingestion

Potential Health Effects

Eyes	Adverse symptoms may include the following: irritation watering redness
Skin	Adverse symptoms may include the following: irritation redness
Ingestion	No specific data.
Inhalation	No specific data.

Experience with human exposure

Eye contact	Causes serious eye irritation.
Skin contact	Causes skin irritation.
Ingestion	Harmful if swallowed.
Inhalation	No known significant effects or critical hazards.

Toxicity

Ingredient name	Result	Species	Exposure
alcohols, c12-16, ethoxylated	LD50 Dermal	Rabbit	>2000 mg/kg
	LD50 Oral	Rat	1100 mg/kg
2-methylpentane-2,4-diol	LC50 Inhalation Dusts and mists	Rat	>1.1 mg/l
	LD50 Dermal	Rat	>2000 mg/kg
	LD50 Oral	Rat	>2000 mg/kg

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 toxic to aquatic life.
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Aquatic and terrestrial toxicity

Ingredient name	Result	Species	Exposure
alcohols, c12-16, ethoxylated	Acute LC50 1.5 mg/l	Fish	96 Hours
2-methylpentane-2,4-diol	Acute EC50 2800 mg/l	Daphnia	48 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	3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alcohol ethoxylate)	9	III.		
TDG Classification	3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alcohol ethoxylate)	9	III.		
Mexico Classification	3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alcohol ethoxylate)	9	III.		
ADR/RID Class	3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alcohol ethoxylate)	9	III.		
IMDG Class	3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alcohol ethoxylate)	9	III.		
IATA-DGR Class	3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alcohol ethoxylate)	9	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

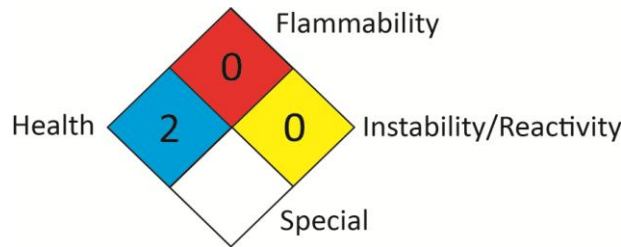
Hazardous Material Information System (U.S.A.):

Health	*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:



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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