



**INNOVATIVE  
CHEMICAL  
CORPORATION**

7769 95th Street South  
Cottage Grove, MN

## **SAFETY DATA SHEET**

**Revision Date:** 7/18/2017  
**Emergency Phone:** 1-800-535-5053 (Infotrac)

### **Section 1: Identification**

<b>Product Name:</b> Low pH Foaming	<b>Code:</b> 98PHF00
<b>Chemical Type:</b> Liquid	<b>Manufacturer/Supplier:</b> Innovative Chemical Corporation 7769 95th Street South Cottage Grove, MN 55016 651-649-1762

### **Section 2: Hazard(s) Identification**

#### **OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

#### **Label elements**

**Signal word:** Warning

**Hazard statements:** H315Causes skin irritation.  
H319Causes serious eye irritation.  
H335May cause respiratory irritation.



#### **Precautionary Statements**

<b>Prevention:</b>	P261Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. P264Wash skin thoroughly after handling. P271Use only outdoors or in a well-ventilated area. P280Wear protective gloves.
<b>Response:</b>	P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332 + P313 If skin irritation occurs: Get medical advice/attention. P337 + P313 If eye irritation persists: Get medical advice/attention. P362 Take off contaminated clothing and wash before reuse.
<b>Storage:</b>	P403 + P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up.
<b>Disposal:</b>	Dispose of contents/container in accordance with local regulation.

Hazards not otherwise classified: 0.3% of the mixture consists of ingredient(s) of unknown toxicity

### Section 3: Composition/Information on Ingredients

#### CAS number/other identifiers

Hazardous Components		
Chemical Name	%weight	CAS
Sodium Dodecylbenzene Sulfonate	>=20 - <30	25155-03-0

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

<b>Skin Contact</b>	If skin irritation persists, call a physician. In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
<b>Eye contact</b>	Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist.
<b>Inhalation</b>	If breathed in, move person into fresh air. Remove person to fresh air. If signs/symptoms continue, get medical attention.
<b>Ingestion</b>	Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician

#### Indication of any immediate medical attention needed

<b>Notes to Physician</b>	Treat symptomatically.
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See toxicological information (Section 11)

### Section 5: Fire-Fighting Measures

#### Extinguishing media

<b>Suitable extinguishing media</b>	Dry chemical Carbon dioxide (CO <sub>2</sub> ), Alcohol-resistant foam, Foam Water spray.
<b>Unsuitable extinguishing media</b>	High volume water jet.
<b>Specific hazards arising from the chemical</b>	Carbon dioxide (CO <sub>2</sub> ), Carbon Monoxide, Smoke.
<b>Explosion data</b>	<b>Sensitivity to Mechanical Impact:</b> None. <b>Sensitivity to Static Discharge:</b> None.
<b>Protective equipment for fire-fighters</b>	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

<b>Personal precautions</b>	Ensure adequate ventilation,. evacuate personnel to safe area, wear protective gear.
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<b>Environmental precautions</b>	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.
<b>Methods for containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up</b>	Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal.

## Section 7: Handling and Storage

### Precautions for safe handling

<b>Advice on general occupational hygiene</b>	Smoking, eating and drinking should be prohibited in the application area.
<b>Storage Conditions</b>	Electrical installation/working materials must comply with the technological safety
<b>Incompatible materials</b>	Do not freeze. Oxidizing agents. Do not store near acids.

## Section 8: Exposure Controls/Personal Protection

### Control parameters

<b>Exposure Guidelines</b>	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
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### Appropriate engineering controls

<b>Engineering Controls</b>	Showers, Eyewash stations & Ventilation systems.
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### Individual protection measures

<b>Eye/face protection</b>	Wear safety glasses if handling large volume.
<b>Skin and body protection</b>	Protective suit, choose body protection according to the amount and concentration of the dangerous substance at the work place.
<b>Respiratory protection</b>	No personal respiratory protective equipment normally required.
<b>General Hygiene</b>	When using do not eat or drink. When using do not smoke. Wash hands before breaks and

## Section 9: Physical and Chemical Properties

<b>Physical state</b>	Liquid
<b>Color</b>	Blue
<b>Odor</b>	None Added
<b>Odor threshold</b>	No Information available
<b>pH</b>	8
<b>Specific Gravity</b>	
<b>Viscosity</b>	106.9 mm <sup>2</sup> /s
<b>Melting point/freezing</b>	No Information available
<b>Flash point</b>	None
<b>Boiling point / boiling range</b>	100 ° C
<b>Evaporation rate</b>	1

**Flammability (solid,  
gas)****Flammability Limits****in Air****Upper flammability limit:** Not Applicable**Lower flammability limit:** Not Applicable**Vapor pressure** No Information available**Vapor density** No Information available**Water solubility** Partly Soluble**Partition coefficient** No Information available**Autoignition temperature** No Information available**Decomposition temperature** No Information available**Density Lbs/Gal** 1.031 g/cm<sup>3</sup>**VOC Content (%)** Not Applicable**Section 10: Stability and Reactivity****Reactivity:** Stable under normal conditions.**Chemical stability:** Stable under normal conditions.**Possibility of hazardous reactions:** Stable under recommended storage conditions.**Conditions to avoid:** Extremes of temperature and direct sunlight.**Incompatible materials:** Acids and Oxidizing agents.**Hazardous decomposition products:** Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke). Sulphur oxides.**Section 11: Toxicological Information****Information on likely routes of exposure**

<b>Product Information</b>	Maybe harmful by inhalation, ingestion and in contact with eyes.
<b>Inhalation</b>	Inhalation of vapors in high concentration may cause irritation of respiratory system.
<b>Eye contact</b>	Contact with eyes may cause irritation.
<b>Skin Contact</b>	Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
<b>Ingestion</b>	May cause gastro intestinal irritation.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium Dodecylbenzene Sulfonate	= 438 mg/kg ( Rat ) = 500 mg/kg ( Rat )	Yes	Yes

**Information on toxicological****Symptoms**

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Sensitization</b>	No Information available.
<b>Germ cell mutagenicity</b>	No Information available.
<b>Carcinogenicity</b>	No Information available.
<b>Reproductive toxicity</b>	No Information available.
<b>STOT - single exposure</b>	No Information available.
<b>STOT - repeated exposure</b>	No Information available.
<b>Aspiration hazard</b>	No Information available.

**Numerical measures of toxicity - Product Information**

**Unknown Acute Toxicity** 0.3% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

**Section 12: Ecological information****Ecotoxicity**

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Sodium Dodecylbenzene Sulfonate	Yes	10.8: 96 h Oncorhynchus mykiss mg/L LC50 static	Yes
	Yes	5560 - 6080: 96 h Lepomis macrochirus mg/L LC50 flow-through 12946: 96 h Lepomis macrochirus mg/L LC50 static 6020 - 7070: 96 h Pimephales promelas mg/L LC50 static 7050: 96 h Pimephales promelas mg/L LC50 semi-static 6420 - 6700: 96 h Pimephales promelas mg/L LC50 static 4747 - 7824: 96 h Oncorhynchus mykiss mg/L LC50 flow-through	1000: 48 h Daphnia magna mg/L EC50 340.7 - 469.2: 48 h Daphnia magna mg/L EC50 Static

**Persistence and degradability**

Not available.

**Bioaccumulative potential**

Not available.

**Other adverse effects**

Not available.

**Section 13: Disposal considerations****Disposal of wastes**

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.

**Contaminated packaging**

Empty containers should be taken to an approved waste handling site for recycling or disposal.

**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					

**Section 15: Regulatory information****International Inventories****TSCA**

No substances are subject to a Significant New Use Rule. No substances are subject to TSCA 12(b) export notification requirements.

**DSL/NDSL**

Complies

**Legend:****TSCA -**

United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL -**

All components of this product are on the Canadian DSL

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

Acute health hazard	Yes.
Chronic Health Hazard	No.
Fire hazard	No.
Sudden release of pressure hazard	No.
Reactive Hazard	No.

**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium Dodecylbenzene Sulfonate	1000 lb	Yes	Yes	X

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Sodium Dodecylbenzene Sulfonate	1000 lb	Yes	RQ 1000 lb final RQ RQ 454 kg final RQ

**US State Regulations****California Proposition**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Sodium Dodecylbenzene Sulfonate	X	X	X

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not Applicable

**Section 16: Other information**

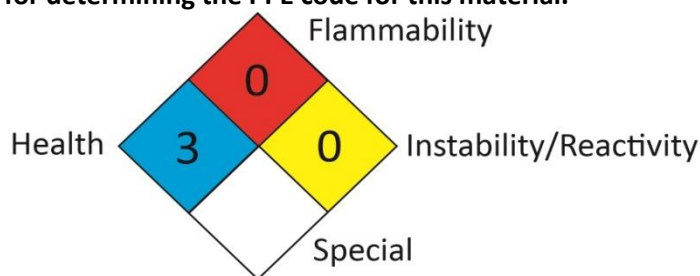
**Hazardous Material  
Information System (U.S.A.):**

Health	3
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