

# Blue Foamer

## Light Duty Detergent & Foam Booster

Blue Foamer is a general-purpose, neutral pH, semi-viscous liquid detergent recommended for manual, foam or pressure cleaning of equipment, utensils, pots & pans and other wettable surfaces food processing plants and institutional kitchens. A blend of synthetic detergents, emulsifiers, and water-conditioning agents. Safe for use on stainless steel, aluminum, galvanized, painted metals and all other surfaces not damaged by water. Can also be used as a mild hand soap. Not for use to boost foam of sanitizers.

- Super High-Foam Detergent
- Boosts the Foam Level of Other Detergents
- Safe for Use on any Wettable Surface
- Gentle on Skin

**Usage Directions:** MANUAL CLEANING: Dilute 1 - 2 oz per gallon water and apply solution liberally to all surfaces. Allow solution to soak up to 5 minutes and rinse thoroughly with fresh water.

SOAK SOLUTION: Dilute 1 - 2 oz per gallon water to clean pans, knives, and other utensils. Immerse items in solution, allow to soak 10 to 15 minutes, scrub, and rinse thoroughly.

HIGH PRESSURE CLEANING: Dilute ½ - 1 oz per gallon water for pressure washing or steam cleaning. Rinse with potable water.

FOAM CLEANING: Dilute 2 - 4 oz per gallon water and apply foam to all surfaces. Allow to soak up to 5 minutes, scrub and rinse with water.

### Safety & Hazards



Wear Protective Eye Glasses and Chemical-Resistant Gloves While Using Blue Foamer

Consult SDS for Further Safety Precautions

DOT Shipping Name: Not Regulated

### Blue Foamer Dilution Guidelines

Usage	Dilution
Manual Cleaning	1 - 2 oz per Gallon
Soak Cleaning	1 - 2 oz per Gallon
High Pressure Cleaning	½ - 1 oz per Gallon
Foam Cleaning	2 - 4 oz per Gallon

### Technical Information:

Appearance: Clear Viscous Blue Liquid  
Odor: None  
pH: <9.0  
Foam: High Foam

### Associated Products:

Fry Out, Heavy-Duty Caustic Detergent  
B-Brite #2, Heavy-Duty Caustic Detergent  
Special Liquid Caustic, High-Caustic Non-Foaming Detergent  
Special Acid Cleaner, Heavy-Duty Acid Detergent and Descaler

Products Manufactured By:



8707 Millergrove Drive - Santa Fe Springs, CA 90670  
(562) 695-1232 • FAX: (562) 699-8953

# Product Selection and General Use Chart

# Blue Foamer

## General Use: Light Duty Detergent & Foam Booster

Blue Foamer is a general-purpose, neutral pH, semi-viscous liquid detergent recommended for manual, foam or pressure cleaning of equipment, utensils, pots & pans and other wettable surfaces food processing plants and institutional kitchens. A blend of synthetic detergents, emulsifiers, and water-conditioning agents. Safe for use on stainless steel, aluminum, galvanized, painted metals and all other surfaces not damaged by water. Can also be used as a mild hand soap. Not for use to boost foam of sanitizers.

**Usage Directions:** MANUAL CLEANING: Dilute 1 - 2 oz per gallon water and apply solution liberally to all surfaces. Allow solution to soak up to 5 minutes and rinse thoroughly with fresh water.

SOAK SOLUTION: Dilute 1 - 2 oz per gallon water to clean pans, knives, and other utensils. Immerse items in solution, allow to soak 10 to 15 minutes, scrub, and rinse thoroughly.

HIGH PRESSURE CLEANING: Dilute ½ - 1 oz per gallon water for pressure washing or steam cleaning. Rinse with potable water.

FOAM CLEANING: Dilute 2 - 4 oz per gallon water and apply foam to all surfaces. Allow to soak up to 5 minutes, scrub and rinse with water.

## Dilution Guidelines

Usage	Dilution
Manual Cleaning	1 - 2 oz per Gallon
Soak Cleaning	1 - 2 oz per Gallon
High Pressure Cleaning	½ - 1 oz per Gallon
Foam Cleaning	2 - 4 oz per Gallon

## Safety & Hazards



**Warning:** Wash hands thoroughly after handling. Wear protective gloves/eye protection. Keep out of reach of children. Read label before use. Harmful if swallowed. Causes mild skin irritation. Causes eye irritation.

**Product Class: Neutral**

## Protective Equipment Guide

A			
B			
C			
D			
E			
F			
G			
H			
I			
J			
K			
X	Ask Your Supervisor for Special Handling Instructions		

**Wear Protective Eye Glasses and Chemical-Resistant Gloves While Using Blue Foamer**

# Letter of Guarantee

## Blue Foamer

Morgan-Gallacher, Inc. guarantees the product Blue Foamer complies with the requirements set forth by the USDA FSIS for Nonfood Compounds Category Code A1: Cleaning Product - General Use. The description of Category Code A1 Cleaning Product - General Use is as follows:

These products are used for general cleaning on all surfaces, or for use with steam or mechanical cleaning devices in all departments. They are typically neutral or mildly alkaline products consisting of any combination of soaps, detergents, wetting agents, emulsifiers, solubilizers, and common inorganic builders.

The following apply to this product as well as all other cleaning products under Category Code A1:

1. All food products and packaging materials shall be removed or carefully protected prior to usage;
2. A potable water rinse is required after use;
3. When used according to manufacturer's instructions, cleaners shall not exhibit a noticeable odor nor leave a visible residue;

Blue Foamer is free from undesirable microorganisms and is guaranteed safe and adequate as Category Code: A1 Cleaning Product - General Use when used as directed. This product does not intentionally contain any of the following heavy metals: antimony, arsenic, cadmium, lead, mercury, or selenium. None of the ingredients in this product are considered to be carcinogens, mutagens, teratogens, mineral acids, or odorous unless otherwise specified.

This document serves as a continuing letter of assurance and satisfies the conditions of 21 CFR Section 110.35 and the USDA Sanitation Performance Standards Compliance Guide.

Sincerely,

*Original Signed By:*

Ida Mariam  
VP Technology & Regulatory Affairs

January 21, 2016

\_\_\_\_\_  
Date

# Blue Foamer

## Light Duty Detergent & Foam Booster

- **Super High-Foam Detergent**
- **Safe for Use on any Wettable Surface**
- **Boosts the Foam Level of Other Detergents**
- **Gentle on Skin**

Blue Foamer is a general-purpose, neutral pH, semi-viscous liquid detergent recommended for manual, foam or pressure cleaning of equipment, utensils, pots & pans and other wettable surfaces food processing plants and institutional kitchens. A blend of synthetic detergents, emulsifiers, and water-conditioning agents. Safe for use on stainless steel, aluminum, galvanized, painted metals and all other surfaces not damaged by water. Can also be used as a mild hand soap. Not for use to boost foam of sanitizers.

**Net Contents:**

**Lot No.:**

**DOT Shipping Name:** Not Regulated

## Blue Foamer Light Duty Detergent & Foam Booster

## Product Class: Neutral

**Usage Directions:** MANUAL CLEANING: Dilute 1 - 2 oz per gallon water and apply solution liberally to all surfaces. Allow solution to soak up to 5 minutes and rinse thoroughly with fresh water.

SOAK SOLUTION: Dilute 1 - 2 oz per gallon water to clean pans, knives, and other utensils. Immerse items in solution, allow to soak 10 to 15 minutes, scrub, and rinse thoroughly.

HIGH PRESSURE CLEANING: Dilute ½ - 1 oz per gallon water for pressure washing or steam cleaning. Rinse with potable water.

FOAM CLEANING: Dilute 2 - 4 oz per gallon water and apply foam to all surfaces. Allow to soak up to 5 minutes, scrub and rinse with water.

### Dilution Guidelines

Usage	Dilution
Manual Cleaning	1 - 2 oz per Gallon
Soak Cleaning	1 - 2 oz per Gallon
High Pressure Cleaning	½ - 1 oz per Gallon
Foam Cleaning	2 - 4 oz per Gallon

These Guidelines Serve as Recommended Starting Points For Diluting This Product Only. The Dilution Required For Your Task May Vary. Contact Time, Temperature, Soil Load, and Other Factors Will Determine the Actual Dilution Required. Consult Your Morgan-Gallacher, Inc. Representative for More Specific Dilution Guidelines.

### Empty Container Storage & Handling

Ensure Compliance with Local, State & Federal Regulations in Disposing of Container, Residual Contents and Rinsings. Drum Containers Must Be Completely Drained, Properly Closed and Promptly Returned to a Drum Reconditioner for Commercial Cleaning.

**This Product Is Intended For Industrial and Institutional Use Only**

**KEEP OUT OF REACH OF CHILDREN**

### Safety & Hazards



Wear Protective Eye Glasses and Chemical-Resistant Gloves While Using Blue Foamer

### Warning

Harmful if swallowed. Causes mild skin irritation. Causes eye irritation. Wash hands thoroughly after handling. Wear protective gloves/eye protection. Keep out of reach of children. Read label before use.

### GHS Response Phrases

**IF ON SKIN (OR HAIR)** Wash with plenty of water. If skin irritation occurs, get medical advice/attention.

**IF IN EYES** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

**IF INHALED**

**IF SWALLOWED** Rinse mouth. Do NOT induce vomiting. Get immediate medical advice/attention.

**Consult SDS for Further Safety Precautions**

Products Manufactured By:



8707 Millergrove Drive • Santa Fe Springs • CA 90670  
(562) 695-1232 • FAX: (562) 699-8953

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Code:** MORGAN-032-BULK  
**Product Name:** Blue Foamer  
**Company Name:** Morgan-Gallacher, Inc.  
 8707 Millergrove Drive  
 Santa Fe Springs, CA 90670  
**Phone Number:** +1 (562)695-1232  
**Emergency Contact:** CHEMTREC +1 (800)424-9300  
**Information:** +1 (562)695-1232

## 2. HAZARDS IDENTIFICATION

**Acute Toxicity: Oral, Category 4**  
**Serious Eye Damage/Eye Irritation, Category 2B**



**GHS Signal Word:** **Warning**  
**GHS Hazard Phrases:** H302 - Harmful if swallowed.  
 H320 - Causes eye irritation.  
**GHS Precaution Phrases:** P264 - Wash hands thoroughly after handling.  
 P280 - Wear protective gloves/eye protection.  
 P102 - Keep out of reach of children.  
 P103 - Read label before use.  
**GHS Response Phrases:** P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P315 - Get immediate medical advice/attention.  
 P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P315 - Get immediate medical advice/attention.  
 P302 - IF ON SKIN: P352 - Wash with plenty of water. P332+313 - If skin irritation occurs, get medical advice/attention.  
**GHS Storage and Disposal Phrases:** P501 - Dispose of contents/container in accordance to local, state and federal regulations.  
**Potential Health Effects (Acute and Chronic):**  
**Skin Contact:** May cause skin irritation. Repeated or prolonged exposure may cause drying of the skin.  
**Eye Contact:** May cause eye irritation. May cause redness.  
**Ingestion:** May be harmful if swallowed. May cause gastrointestinal irritation.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
9004-82-4	Sodium lauryl ether sulfate	< 5.0 %
NA	Surfactant	<25.0 %

## 4. FIRST AID MEASURES

**Emergency and First Aid Procedures:**

**In Case of Skin Contact:** Flush skin with plenty of water. Get medical aid if irritation develops or persists.

**In Case of Eye Contact:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

**In Case of Ingestion:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. If victim is conscious and alert, give 2-4 cupfuls of water. Get medical attention immediately.

**Note to Physician:** Treat symptomatically and supportively. Show this safety data sheet to the doctor in attendance.

## 5. FIRE FIGHTING MEASURES

**Flash Pt:** NA

**Explosive Limits:** LEL: No data. UEL: No data.

**Autoignition Pt:** NA

**Suitable Extinguishing Media:** Use water fog, dry chemical, carbon dioxide, or alcohol-resistant foam.

**Fire Fighting Instructions:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

**Flammable Properties and Hazards:** High temperatures and fire conditions can result in the formation of carbon monoxide and carbon dioxide.

## 6. ACCIDENTAL RELEASE MEASURES

**Protective Precautions, Protective Equipment and Emergency Procedures:** Use proper personal protective equipment as indicated in Section 8.

**Environmental Precautions:** Observe all federal, state, and local environmental regulations.

**Steps To Be Taken In Case Material Is Released Or Spilled:** Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

## 7. HANDLING AND STORAGE

**Precautions To Be Taken in Handling:** Do not get in eyes, on skin, or on clothing. Do not ingest or inhale. Use with adequate ventilation.

**Precautions To Be Taken in Storing:** Do not store in direct sunlight. Protect containers against damage. Keep container tightly closed in a dry and well-ventilated place.

**Other Precautions:** Handle in accordance with good industrial hygiene and safety practice.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
9004-82-4	Sodium lauryl ether sulfate	No data.	No data.	No data.
NA	Surfactant	No data.	No data.	No data.

**Respiratory Equipment (Specify Type):** No special respiratory protection equipment is required with normal use.

**Eye Protection:** Safety glasses.

**Protective Gloves:** Wear appropriate protective gloves to prevent skin exposure. Rubber or neoprene gloves.

**Other Protective Clothing:** No data available.

**Engineering Controls (Ventilation etc.):** No data available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical States:** [ ] Gas [ X ] Liquid [ ] Solid

**Appearance and Odor:** Blue.  
Viscous.  
Liquid.  
Transparent.

**Melting Point:** NA

**Boiling Point:** >= 212.00 F

**Decomposition Temperature:** NA

**Autoignition Pt:** NA

**Flash Pt:** NA

**Explosive Limits:** LEL: No data. UEL: No data.

**Specific Gravity (Water = 1):** 1.029 - 1.049

**Density:** 8.65

**Vapor Pressure (vs. Air or mm Hg):** NA

**Vapor Density (vs. Air = 1):** NA

**Evaporation Rate:** NA

**Solubility in Water:** 100%

**Saturated Vapor Concentration:** NA

**Viscosity:** NA

**pH:** > 10.00

**Percent Volatile:** No data.

## 10. STABILITY AND REACTIVITY

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid - Instability:** Incompatible materials, High temperatures, Light.

**Incompatibility - Materials To Avoid:** Strong acids.

**Hazardous Decomposition Or Byproducts:** No data available.

**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]

**Conditions To Avoid - Hazardous Reactions:** No data available.

## 11. TOXICOLOGICAL INFORMATION

**Toxicological Information:** Epidemiology: No information found.  
 Teratogenicity: No information available.  
 Reproductive Effects: No information available.  
 Mutagenicity: No information available.  
 Neurotoxicity: Acute toxicity. No data available.  
 Respiratory or skin sensitization: No information available.

CAS# NA: Surfactant: Acute toxicity, LD50, Oral, Rat, 438.0 MG/KG.  
 Standard Draize Test, Skin, Species: Rabbit, 20.00 MG, 24 H.

**Carcinogenicity:** NTP? No IARC Monographs? No OSHA Regulated? No

## 12. ECOLOGICAL INFORMATION

**General Ecological Information:** CAS# 9004-82-4: Sodium lauryl ether sulfate: Effective concentration to 50% of test organisms., Water Flea (Ceriodaphnia dubia), neonate, 3.120 MG/L, 48 H, Intoxication., Result: Loss of equilibrium.  
 CAS# NA: Surfactant: LC50, Bluegill (Lepomis macrochirus), 3450. UG/L, 24 H, Mortality. Result: Affected fish stopped schooling behavior. Affected fish became hypoactive.

**Bioaccumulative Potential:** No data available.

**Mobility in Soil:** No data available.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

## 14. TRANSPORT INFORMATION

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Not Regulated.

**DOT Hazard Class:**

**UN/NA Number:**

## 15. REGULATORY INFORMATION

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
9004-82-4	Sodium lauryl ether sulfate	No	No	No
NA	Surfactant	No	Yes 1000 LB	No

**CAS # Hazardous Components (Chemical Name)**

**Other US EPA or State Lists**

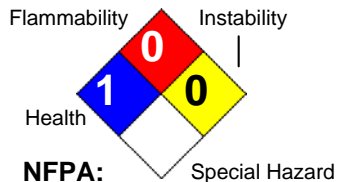
9004-82-4	Sodium lauryl ether sulfate	TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No
NA	Surfactant	TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NJ EHS: Yes; NY Part 597: Yes; PA HSL: Yes - E



**16. OTHER INFORMATION**

**Revision Date:** 09/15/2014

**Hazard Rating System:**



**Additional Information About** No data available.

**This Product:**

**Company Policy or**

**Disclaimer:**

While Morgan-Gallacher believes the statements set forth herein are accurate as of the date hereof, Morgan-Gallacher makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data is offered solely for your consideration, investigation, and verification.

## 1. IDENTIFICACIÓN DEL PRODUCTO QUÍMICO Y LA EMPRESA

**Código del Producto:** MORGAN-032-BULK  
**Nombre del Producto:** Blue Foamer  
**Nombre de la Empresa:** Morgan-Gallacher, Inc.  
 8707 Millergrove Drive  
 Santa Fe Springs, CA 90670  
**Número De Teléfono:**  
 +1 (562)695-1232  
**Contacto De la Emergencia:** CHEMTREC  
 +1 (800)424-9300  
**Información:** +1 (562)695-1232

## 2. IDENTIFICACIÓN DE LOS RIESGOS

**Toxicidad aguda por ingestión, Categoría 4**  
**Lesiones oculares graves/irritación ocular, Categoría 2B**



**SGA Palabra de advertencia:** Atención

**Frases del peligro de SGA:** H302 - Dañino si es deglutido.  
 H320 - Causa irritación de ojos.

**Frases de la precaución de SGA:** P264 - Lavarse cuidadosamente las manos después de la manipulación.  
 P280 - Usar protective gloves/eye protection.  
 P102 - Mantener fuera del alcance de los niños.  
 P103 - Leer la etiqueta antes del uso.

**Frases de la respuesta de SGA:** P305+351+338 - EN CASO DE CONTACTO CON LOS OJOS: Lavar con agua cuidadosamente durante varios minutos. Quitar en su caso las lentes de contacto, si puede hacerse con facilidad. Proseguir con el lavado.  
 P315 - Buscar asistencia médica inmediata.  
 P301+330+331 - EN CASO DE INGESTIÓN: Enjuagarse la boca. NO provocar el vómito. P315 - Buscar asistencia médica inmediata.  
 P302 - EN CASO DE CONTACTO CON LA PIEL: P352 - Lavar con abundante Agua.  
 P332+313 - En caso irritación cutánea, consultar a un médico.

**Frases del almacenaje y de la disposición de SGA:** P501 - Eliminar el contenido/recipiente in accordance with local, state, and federal regulations.

**Potenciales efectos en la salud (Agudo o Crónico):**

**Contacto con la piel:** Puede provocar una irritación de la piel. La exposición repetida o prolongada puede causar sequedad de la piel.

**Contacto con los ojos:** Puede provocar una irritación en los ojos. Puede causar enrojecimiento.

**Ingestión:** Puede ser nocivo si es tragado. Podría causar irritación gastrointestinal.

## 3. COMPOSICIÓN/ INFORMACIÓN SOBRE LOS COMPONENTES

Numeros	Componentes peligrosos [química nombre]	Concentración
9004-82-4	Sodium lauryl ether sulfate	< 5.0 %
NA	( Secreto de marca )	<25.0 %

## 4. MEDIDAS EN PRIMEROS AUXILIOS

### Procedimientos de

### Emergencia y Primeros

### Auxilios:

<b>En caso de contacto con la piel:</b>	Enjuague la piel con abundante agua. Consiga la ayuda médica si la irritación se convierte o persiste.
<b>En caso de contacto con los ojos:</b>	Ojos rasantes con el un montón de 15 minutos del agua por lo menos , de vez en cuando levantando los párpados superiores y más bajos. Quitar las lentes de contacto, si lleva y resulta fácil. Seguir aclarando. Buscar asistencia médica inmediata.
<b>En caso de ingestión:</b>	NO provocar vómitos. Nunca debe administrarse nada por la boca a una persona inconsciente. Enjuague la boca con agua. Si la víctima está consciente y alerta, dé las copas de 2-4 de leche o de agua.
<b>Informe para el médico:</b>	Convite sintomático y de apoyo. Mostrar esta ficha de seguridad al doctor que esté de servicio.

## 5. MEDIDAS DE LUCHA CONTRA INCENDIOS

<b>Punto de encendido:</b>	NA
<b>Límites de explosión:</b>	LEI: No información                      LES: No información
<b>Punto de Auto-Ignición:</b>	NA
<b>Medios Que extinguen Convenientes:</b>	Utilizar pulverización de agua, polvo químico seco, dióxido de carbono o espuma resistente al alcohol.
<b>Instrucciones para combatir el fuego:</b>	Como en cualquier fuego, use un aparato respiratorio autónomo en presión-exigen, MSHA/NIOSH (aprobado o equivalente), y engranaje protector lleno.
<b>Propiedades y riesgos de materiales inflamables:</b>	Las altas temperaturas y condiciones de incendio pueden resultar en la formación de monóxido de carbono y dióxido de carbono.

## 6. MEDIDAS CONTRA FUGAS ACCIDENTALES

<b>Precauciones protectoras, equipo protector y procedimientos de emergencia:</b>	Use el equipo de protección personal adecuado que se indica en la Sección 8.
<b>Precauciones ambientales:</b>	Observar todos los reglamentos estatales y locales sobre la protección del medio ambiente.
<b>Pasos a ser tomados en cuenta en caso de que material se fugue o derrame:</b>	Absorba el derramamiento con el material inerte (e.g. vermiculita, arena o tierra), después colóquelo en envase conveniente.

## 7. MANIPULACIÓN Y ALMACENAMIENTO

<b>Precauciones a ser tomadas en la manipulación:</b>	No consiga en ojos, en piel, o en la ropa. No injiera ni inhale. Utilice con la ventilación adecuada.
<b>Precauciones para ser tomadas en almacenaje:</b>	No almacene en luz del sol directa. Proteja los recipientes contra daños. Conservar el envase herméticamente cerrado en un lugar seco y bien ventilado.
<b>Otras precauciones:</b>	Manipular de acuerdo con las buenas prácticas de higiene y seguridad industrial.

## 8. CONTROL DE EXPOSICIÓN / PROTECCIÓN PERSONAL

Numeros	Nombre Químico Parcial	OSHA TWA	ACGIH TWA	Otra Limites
9004-82-4	Sodium lauryl ether sulfate	No información	No información	No información
NA	( Secreto de marca )	No información	No información	No información

<b>Equipo respiratorio (especificar el tipo):</b>	Equipo especial de protección respiratoria es necesaria para el uso normal.
<b>Protección ocular:</b>	Gafas de seguridad.
<b>Guantes protectores:</b>	Use los guantes protectores apropiados para prevenir la exposición de piel. Guantes de goma o neopreno.
<b>Otras ropas protectoras:</b>	No disponible
<b>Medidas de ingeniería [ventilación, etc.]:</b>	No disponible

## 9. PROPIEDADES FÍSICAS Y QUÍMICAS

<b>Estado físico:</b>	[ ] Gas [ X ] Líquido [ ] Solido		
<b>Aspecto y Olor:</b>	Azul. Viscoso. Líquido. Transparente.		
<b>Punto de Fusión:</b>	NA		
<b>Punto de Ebullición:</b>	>= 212.00 F		
<b>Temperatura de descomposición:</b>	NA		
<b>Punto de Auto-Ignición:</b>	NA		
<b>Punto de encendido:</b>	NA		
<b>Límites de explosión:</b>	LEI: No información	LES: No información	
<b>Gravedad Específica (Agua = 1):</b>	1.029 - 1.049		
<b>Densidad:</b>	8.65		
<b>Presión de Vapor (vs. Aire o mm Hg):</b>	NA		
<b>Densidad de Vapor (vs. Aire = 1):</b>	NA		
<b>Indice de evaporación:</b>	NA		
<b>Solubilidad en Agua:</b>	100%		
<b>Concentración de Vapor Saturado:</b>	NA		
<b>Viscosidad:</b>	NA		
<b>pH:</b>	> 10.00		
<b>Volatilidad:</b>	No información		

## 10. ESTABILIDAD Y REACTIVIDAD

<b>Estabilidad:</b>	Inestable [ ] Estable [ X ]
<b>Condiciones para evitar - Inestabilidad:</b>	Materiales incompatibles, Temperaturas altas, Luz.
<b>Incompatibilidad - Materiales para evitar:</b>	Ácidos fuertes.
<b>Peligrosa descomposición o derivados del producto:</b>	No disponible
<b>Posibilidad de reacciones</b>	Sucedirá [ ] No sucederá [ X ]

**peligrosas:**

**Condiciones para evitar -** No disponible

**Reacciones Peligrosas:**

### 11. INFORMACIÓN TOXICOLÓGICA

**Información Toxicológica:** Epidemiología: Ninguna información encontrada.  
 Teratogenicidad: Ninguna información disponible.  
 Efectos reproductivos: Ninguna información disponible.  
 Mutagenicidad: Ninguna información disponible.  
 Neurotoxicidad: Toxicidad aguda. Sin datos disponibles.  
 Sensibilización respiratoria o de piel: Ninguna información disponible.

CAS# NA: ( Secreto de marca ): Toxicidad aguda, DL50, Oral, Rata, 438.0 MG/KG.  
 Prueba estándar de Draize, Piel, Especie: Conejo, 20.00 MG, 24 H.

**Carcinogenicidad:** NTP No IARC No Regulado por OSHA? No

### 12. INFORMACIÓN ECOLÓGICA

**Información Ecológica:** CAS# 9004-82-4: Sodium lauryl ether sulfate: 50%, Water Flea (Ceriodaphnia dubia), 3.120 MG/L, 48 H. Resultado: La pérdida de equilibrio.  
 CAS# NA: ( Secreto de marca ): LC50, Bluegill (Lepomis macrochirus), 3450. UG/L, 24 H. Resultado: Los peces afectados se detuvo el comportamiento de la escolarización. Los peces afectados convirtió hipoactivo.

**Potencial de bioacumulación:** Sin datos disponibles.

**Movilidad en el suelo:** Sin datos disponibles.

### 13. CONSIDERACIONES RELACIONADAS A LA ELIMINACIÓN

**Método de eliminación los desperdicios:** Los generadores inútiles del producto químico deben determinar si un producto químico desechado está clasificado como desechos peligrosos. Las pautas de los E.E.U.U. EPA para la determinación de la clasificación se enumeran en 40 partes de CFR 261. Además, los generadores inútiles deben consultar el estado y regulaciones locales de los desechos peligrosos para asegurar la clasificación completa y exacta.

### 14. INFORMACIÓN RELACIONADA AL TRANSPORTE

**TRANSPORTE POR TIERRA (US DOT):**

**DOT Nombre propio del envío:** No regulado.

**Clase De Peligro (DOT):**

**Número UN/NA:**

### 15. INFORMACIÓN REGLAMENTARIA

**Lista de la Ley de Reautorización y Enmiendas de Grandes Reservas(SARA) del 1986**

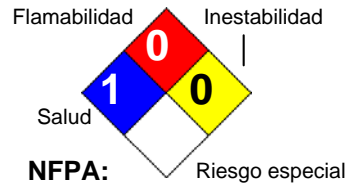
Numeros CAS	Componentes peligrosos [química nombre]	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
9004-82-4	Sodium lauryl ether sulfate	No	No	No
NA	( Secreto de marca )	No	Sí 1000 LB	No

Numeros CAS	Componentes peligrosos [química nombre]	Otros E.E.U.U. EPA o listas del estado
9004-82-4	Sodium lauryl ether sulfate	TSCA: Sí - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No
NA	( Secreto de marca )	TSCA: Sí - Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: Sí; MI CMR, Part 5: Part 5; NJ EHS: Sí; NY Part 597: Sí; PA HSL: Sí - E

## 16. OTRAS INFORMACIONES

**Fecha de la revisión:** 09/15/2014

**Sistema de Estimación del Riesgo:**



**Información adicional acerca de este producto:** No disponible

**Política o negación de la compañía:**

Mientras Morgan-Gallacher cree las declaraciones que figuran en el presente documento son exactas a partir de la fecha del presente, Morgan-Gallacher ofrece ninguna garantía con respecto a la misma y se exime expresamente de toda responsabilidad por relación a lo mencionado. Estos datos se brindan sólo para evaluación, investigación y verificación.