

# Safety Data Sheet

SDS ID: Stock Code 71023-Z

Revision date: February 8, 2018

## Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Blue Monster™ Microbubble Leak Detector  
**Synonyms:** None  
**Chemical family:** Surfactant mixture  
**Producer:** The Mill-Rose Company  
7310 Corporate Blvd.  
Mentor, OH 44060

**Telephone:** 800-321-3298 Available during normal business hours

**Emergency:** 800-321-3298 Available during normal business hours

## Section 2. HAZARDS IDENTIFICATION

**GHS Classification in accordance with 29 CFR 1910.1200**

Skin Corrosion/Irritation, *Category 3*

Eye Damage/Irritation, *Category 2B*

**GHS Label elements, including precautionary statements:** Warning 

### Hazard statements

H316 Causes mild skin irritation

H320 Causes eye irritation

### Precautionary Statements

P264 Wash skin thoroughly after handling.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Get medical attention/advice.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337+313 If eye irritation persists: Get medical advice/ attention.

Hazards not otherwise classified or not covered by GHS

**Ingestion:** May cause abdominal discomfort, nausea, and diarrhea.

**Carcinogenic:** No ingredients listed by the IARC, NTP, OSHA, or the ACHIH.

## Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

### Material information:

Name	CAS No.	Weight %
Alpha-(Nonylphenyl)-(Omega-hydroxypoly (oxy-1,2-ethanediyl))	9016-45-9	1
Non-hazardous ingredients	Not Applicable	99

**\*Note:** The above weight percentages are represented in ranges as estimates. Due to variation among production batches, component percentages may vary.

## Section 4. FIRST AID MEASURES

**General Advice:** Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of the dangerous area.

**Inhalation:** Move exposed persons to fresh air. If the person is not breathing or breathing is irregular, provide artificial respiration or oxygen by trained personnel. Consult a physician.

**Skin contact:** Wash affected skin with soap and water. Get medical attention if symptoms occur. Wash contaminated clothing before reuse.

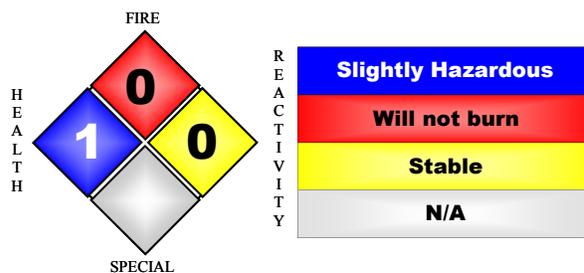
**Ingestion:** Do not induce vomiting, unless instructed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. If conscious and alert, rinse the mouth with water. Consult a physician.

**Eye contact:** Check for and remove any contact lenses, if easy to do so. If eye irritation persists, consult physician after flushing eyes with tepid water for 15 minutes.

## Section 5. FIREFIGHTING MEASURES

<b>Suitable extinguishing media:</b>	Use extinguishing measures that are suitable to local circumstances and the surrounding fire and environment.
<b>Specific hazards:</b>	Combustion products may include carbon oxides.
<b>Advice for Firefighters:</b>	Full protective equipment including self-contained breathing apparatus should be used. Do not allow run-off from fire-fighting to enter drains or water courses.

	NFPA rating:	HMIS rating:
<b>Health:</b>	1	1
<b>Flammability:</b>	0	0
<b>Instability/reactivity:</b>	0	0
<b>Other:</b>	N/A	A (PPE)



## Section 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Immediately contact emergency personnel. Evacuate any potentially affected area and isolate personnel from entry.
<b>Large Spill:</b>	Personnel must have appropriate training, per Occupational Safety and Health Administration (OSHA) 29 CFR 1910.120. Do not touch damaged containers or spilled material unless wearing appropriate protective equipment (Section 8).
<b>Methods for Containment and Clean up</b>	Shut off source if possible and if safe. Prevent entry into waterways and sewers. Advise applicable authorities if material has entered sewers or water courses.

## Section 7. HANDLING AND STORAGE

<b>Handling:</b>	Avoid breathing vapors. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling.
<b>Storage:</b>	Keep all containers tightly closed when not in use. Do not store with incompatible materials. See Section 10, Stability and Reactivity.

## Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Occupational Exposure Limits:

Name	CAS No.	ACGIH® TLV® Exposure Limits:	Federal OSHA PELs	OSHA PELs 1989 <sup>c</sup>
Alpha-(Nonylphenyl)- (Omega-hydroxypoly (oxy- 1,2-ethanediyl)	9016-45-9	None	None	None

All exposure limits listed are 8-hour time weighted average (TWA) — except where noted otherwise.

<sup>A</sup> Time Weighted Average (TWA) is an average exposure over the course of an 8-hour work shift.

<sup>B</sup> A Short Term Exposure Limit TWA over the course of 15 minutes.

PEL — Permissible Exposure Limit is the maximum 8-hour TWA concentration of a chemical that a worker may be exposed to under Occupational Safety and Health Administration (OSHA) regulations.

<sup>C</sup> Federal OSHA 1989 PELs were vacated but are in use and enforced by many state OSHA plans.

**Engineering measures:** Handle in accordance with good industrial hygiene and safety practices. Wash hands before breaks and at the end of the workday.

### PERSONAL PROTECTIVE EQUIPMENT

**Respiratory protection:** For nuisance exposures, use type N95 (US) or type 1 (Europe Union EN 143) particle/mist respirator. For higher level protection, use type OV/AG/P99 (US) respirator cartridges. Use respirators and components approved by NIOSH.

**Skin and body protection:** Wear impervious clothing and gloves to prevent contact. Use the manufacturer's degradation and permeation data for protective material selection.

**Eye protection:** Wear safety spectacles with unperforated sideshields.

**Hygiene measures:** Avoid repeated or prolonged skin exposure. Wash hands before eating, drinking, smoking, or using toilet facilities. Promptly remove contaminated clothing and launder before reuse.

**Other precautions:** Do not let the product enter drains.

## Section 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Blue Liquid
<b>Physical state (solid/liquid/gas):</b>	Liquid
<b>Substance type (pure/mixture):</b>	Mixture
<b>Color:</b>	Blue
<b>Odor:</b>	None
<b>Molecular weight:</b>	Not available
<b>pH:</b>	Not Applicable
<b>Boiling point/range (5-95%):</b>	212°F, 100°C
<b>Melting point/range:</b>	32°F, 0°C
<b>Decomposition temperature:</b>	Not Available
<b>Specific gravity:</b>	1.01
<b>Vapor density:</b>	(AIR = 1) Not available
<b>Vapor pressure:</b>	Not available
<b>Evaporation rate (Butyl acetate= 1):</b>	Not available
<b>Flash point, method used:</b>	Not flammable
<b>Water solubility:</b>	100%
<b>VOC Content:</b>	Not available
<b>Auto-ignition temperature:</b>	Not applicable
<b>Flammable limits in air — lower (%):</b>	Not applicable
<b>Flammable limits in air — upper (%):</b>	Not applicable

## Section 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	No data available
<b>Stability:</b>	Stable under recommended storage conditions
<b>Possibly hazardous reactions:</b>	No data available
<b>Conditions to avoid:</b>	No data available
<b>Incompatible Materials:</b>	Strong oxidizing agents.
<b>Hazardous decomposition products:</b>	By fire, see Section 5. Other decomposition products: No data available
<b>Polymerization:</b>	Will not occur.

## Section 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:** Skin and eye irritation.

### Product information:

Name	CAS No.	Inhalation:	Dermal:	Oral:
Alpha-(Nonylphenyl)- (Omega-hydroxypoly (oxy-1,2-ethanediyl)	9016-45-9	No data available	No data available	No data available

LC<sub>50</sub> — The concentration of the chemical in air that kills 50% of the test animals in a given time (usually four hours).

**Chronic toxicity:** No component of this product, present at levels greater than or equal to 1% is identified as a probable, possible, or confirmed human carcinogen by the IARC, NTP, OSHA, and ACGIH.

**Sensitization:** Not known to cause sensitization in humans.

## Section 12. ECOLOGICAL INFORMATION

**Ecotoxicity effects:** No data available.

**Persistence** No data available.

**Degradability:** No data available.

## Section 13. DISPOSAL CONSIDERATIONS

**Cleanup Considerations:** This product is not a hazardous waste as defined under RCRA 40 CFR 261. The material destined for disposal must be characterized properly and may differ from the product described in this SDS if mixed with other wastes.

## Section 14. TRANSPORT INFORMATION

**Please refer to DOT regulation 49 CFR 172.101:**

**Transport information:** This material is not regulated under DOT when transported via U.S. commerce routes; and IATA, and IMO via international routes

**Hazardous Materials Description:** (DOT and IATA):

**UN/identification no.:** Not Applicable

**Proper shipping name:** Not Applicable

**Hazard class:** Not Applicable

**Packing group:** Not Applicable

**DOT reportable quantity (lbs.):** Not Applicable

## Section 15. REGULATORY INFORMATION

**U.S. federal regulatory information:**

**U.S. RCRA (40 CFR 261)**

This product is not a hazardous waste as defined under RCRA 40 CFR 261.

**State and community right-to-know regulations:**

*The following component(s) of this material are identified on the regulatory lists below:*

**U.S. TSCA Chemical inventory Section 8(b)**

**OSHA** — This product is determined to be hazardous as defined in the OSHA Hazard Communications Standard (29 CFR 1910.1200)

**CERCLA** Sections 102a/103 (40 FR 302.4):

No ingredients are listed.

Some Components of this product are listed in the following sections of **SARA**:

SARA Title III Section 302 — N/A

SARA Title III Section 304 — N/A

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

SARA Title III Sections 311/312 Hazardous Categories (40 CFR 370.21)

Acute health hazard: Yes

Chronic health hazard: No

Fire hazard: No

Reactive Hazard: No

Pressure Hazard: No

### **California Proposition 65 Components**

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

***NOTE:** User must consult with applicable state and local agencies for special specifics, determinations or compliance obligations regarding this product.*

## **Section 16. OTHER INFORMATION**

**The information and recommendations contained herein are based upon tests, data, and information resources believed to be reliable. However, The Mill-Rose Company and its related operations or divisions do not guarantee the accuracy or completeness, nor shall any of this information constitute a warranty, whether expressed or implied, as to the safety of goods, the merchantability of the goods or the fitness of the goods for a particular purpose. Adjustment to conform to actual conditions of usage may be required. Whitlam assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of this data. No warranty against infringement of any patent, copyright or trademark is made or implied.**