



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : PERAFOAM
Product use : Water Base Foam Additive
Product code : 98
Manufacturer or supplier's details
Company : MORR, Inc.
Address : 6500 Flotilla Street
Commerce, CA 90040
office@MORR.com
855-TRY-MORR
www.MORR.com

Emergency telephone number : CHEMTREC 24 Hr. Emergency Phone:
(800) 424-9300

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Eye Irritation - Category 2A

Skin Irritation - Category 2

Signal word :

Warning

**Hazard Statements:**

Causes serious eye irritation

Causes skin irritation

Precautionary statements

Prevention

Wash hands thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection.

Response

- IF ON SKIN:** : Wash with soap and 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.
- IF EYE IRRITATION PERSISTS** : Get medical advice or attention.
Take off contaminated clothing and wash before reuse

Hazards not Otherwise Classified:

No other hazards classified.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Synonym	CAS Number	Concentration
SODIUM LAURYL SULFATE	SLS	151-21-3	5-10%
SODIUM LAURETH SULFATE	SLES	9004-82-4	8-12%

SECTION 4. FIRST AID MEASURES

- If inhaled** : Get medical advice/attention if you feel unwell or are concerned.
- skin contact** : Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash with plenty of lukewarm, gently flowing water with a flushing duration of 15-20 minutes. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before re-use or discard.
- eye contact** : Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or into the face. If eye irritation persists: Get medical advice/attention.
- Ingestion** : If you feel unwell, or if concerned: Get medical advice/attention.
- Most Important Delayed Symptoms and Effects** : Contact with skin/eyes may cause irritation with greater exposures.

SECTION 5. FIREFIGHTING MEASURES

- Extinguishing media** : Use water spray, powder, foam, carbon dioxide.
- Special hazards arising from the substance or mixture** : Non combustible. May give off irritating or toxic fumes (or gases) in a fire.
- Flammability classification (OSHA 29 CFR 1910.106) (Hazcom 2012)** : Non flammable
- Hazardous Combustion Products** : Non combustible
- Special protective equipment and precautions for firefighters** : In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures** : Wear appropriate personal protective equipment as specified in Section 8. Keep unnecessary and unprotected personnel from entering.
- Methods and materials for containment and cleaning up** : SMALL SPILLS (less than 1 gallon): May be flushed to an approved sewer line (with large amounts of water). Larger spills should be absorbed and collected for disposal. Ensure adequate decontamination of tools and equipment following clean up.

SECTION 7. HANDLING AND STORAGE

- Precautions for Safe Handling** : Normal measures for preventive fire protection. ear gloves and eye protection when handling , moving or using this product. Do not contaminate water, food, or feed by storage or disposal.
- Conditions for safe storage** : Keep product in tightly closed container when not in use. Do not drop, roll, or skid drum. Store in a cool, dry, well-ventilated area away from heat or open flame.
- Incompatible Materials** : None known

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation and engineering measures	: Ventilation and engineering measures: No additional ventilation needed
Respiratory Protection	: No additional respiratory protection needed.
Skin Protection	: Wear chemical resistant gloves and chemical resistant garments when handling , wash garments before re-use.
Eye/Face Protection	: Wear safety glasses, goggles and/or face shield to prevent eye contact.
Other Protective Equipment	: Eye wash facility and emergency shower should be in close proximity.
General Hygiene Conditions	: General Hygiene Conditions: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Handle in accordance with good industry hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Colorless clear liquid
Odor	: Mild soap odor
Odor threshold:	
pH	: 6.5-7.5
Melting/Freezing point	: No information available
Initial boiling point and boiling range	: 214°F / 101°C
Flash Point	: No information available
Flammability (solid, gas)	: Non flammable
Relative density	: 1.05 g/mL
Solubility in Water	: Complete
Decomposition temperature	: No information available
Viscosity	: 35-55 cSt at 20°C / 68°F

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: Non reactive
Chemical Stability	: Stable under normal conditions
Possibility of Hazardous Reactions:	: None known
Conditions to Avoid	: None known.
Incompatible Materials	: None known
Hazardous Decomposition Products	: None known

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Routes of entry - inhalation : NO

Routes of entry - skin & eye : YES

Routes of entry - ingestion : NO

Routes of entry - skin absorption : NO

Potential Health Effects:

Signs and symptoms of short term (acute) exposure:

Inhalation : Not a respiratory irritant.

Ingestion : May cause irritation to digestive system

Skin : May cause skin irritation including redness, edema, swelling, rash, scaling or blistering, drying and/or cracking of skin.

Eye : May cause redness, stinging, tearing, swelling, itching and/or irritation of the eye. Possible eye damage if left untreated.

Mutagenicity : Not known to have mutagenic effects in humans or animals .

Carcinogenicity : No components are listed as carcinogens by ACGIH, IARC, OSHA, or NTP.

Reproductive effects : No known reproductive effects in humans or animals .

Sensitization to material : Not a known sensitizer in humans or animals.

Specific target organ effects : No known specific target organ effects.

Toxicological data The experimental ATE values for this mixture are:

ATE oral = >5000 mg/kg (rat)

ATE dermal = >5000 mg/kg (rat)

ATE inhalation = no information available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity : Not expected to be toxic to the environment.

Persistence and degradability : Not expected to persist. Readily biodegradable.

Bioaccumulative potential : No information available

Mobility in soil : No information available

SECTION 13 – DISPOSAL CONSIDERATIONS

Handling for disposal	:	Do not contaminate water, food, or feed by storage and/or disposal. When handling refer to protective measures listed in sections 7 and 8. Empty residue from containers, rinse container well.
Method of disposal	:	Dispose of in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.
RCRA	:	Not a listed RCRA hazardous waste.

SECTION 14 – TRANSPORTATION INFORMATION

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes. Please note the GHS and DOT Standards are NOT identical and therefore can have varying classifications

US 49 CFR/DOT/IATA/IMDG Information: Non hazardous material

Environmental hazards: Not a Marine Pollutant

SECTION 15 – REGULATORY INFORMATION

US Federal Information:

TSCA information: No information available.

US CERCLA Reportable quantity (RQ): Non regulated material.

SARA Title III: No chemicals in this product are subject to SARA Title III reporting .

SECTION 16 – OTHER INFORMATION

Legend

SARA	:	The Superfund Amendments and Reauthorization Act
RCRA	:	Resource Conservation and Recovery Act
TSCA	:	Toxic Substances Control Act
CFR	:	Code of Federal Regulations
DOT	:	Department of Transportation
ATE	:	Acute Toxicity Estimate