





# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>PRODUCT NUMBER:</b>	1698	<b>COMPANY PHONE:</b>	1-800-241-8180
<b>PRODUCT NAME:</b>	FOAM N SHINE	<b>EMERGENCY TELEPHONE:</b>	1-800-535-5053
<b>PRODUCT DESCRIPTION:</b>	Tire and Vinyl Shine	<b>INFOTRAC:</b>	1-800-535-5053
<b>COMPANY INFORMATION:</b>	<b>PRO CHEM, INC.</b> 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

## 2. Hazards Identification

<b>GHS CLASSIFICATION:</b> Aerosols Category 1 Eye Irritation - Category 2A Gases Under Pressure Compressed Gas Specific Target Organ Toxicity - Repeated Exposure - Category 2 Percentage of the mixture consisting of ingredient(s) of unknown oral toxicity: 9.9% Percentage of the mixture consisting of ingredient(s) of unknown dermal toxicity: 11.9% Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 5.1%	<b>SIGNAL WORD:</b> <b>DANGER</b>	<b>SYMBOL:</b>				
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### HAZARD STATEMENTS:

**Hazardous Statements – Physical:**  
 H222 - Extremely flammable aerosol  
 H280 - Contains gas under pressure; may explode if heated  
**Hazardous Statements – Health:**  
 H319 - Causes serious eye irritation  
 H373 - May cause damage to organs through prolonged or repeated exposure.

### PRECAUTIONARY STATEMENTS:

**General:** P101 - If medical advice is needed, have product container or label at hand.  
 P102 - Keep out of reach of children.  
 P103 - Read label before use.  
**Prevention:** P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P211 - Do not spray on an open flame or other ignition source.  
 P251 - Do not pierce or burn, even after use.  
 P264 - Wash hands thoroughly after handling.  
 P280 - Wear eye protection and face protection.  
 P260 - Do not breathe mist, vapors and spray.  
**Response:** P314 - Get medical attention 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. P337 + P313 - If eye irritation persists: Get medical attention.  
**Storage:** P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
 P403 - Store in a well-ventilated place.  
**Disposal:** P501 - Dispose of contents/container in accordance with local/national/international regulations.

### ADDITIONAL INFORMATION:

**WARNING:** This product contains a chemical known to the State of California to cause cancer.  
 Please refer to the SDS for additional information. Keep out of reach of children. Keep upright in a cool, dry place. Do not discard empty can in trash compactor.

## 3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
BUTANE	106-97-8	1.0% - 10%
PROPANE	74-98-6	1.0% - 5%
Alcohols, C9-11-iso-, C10-rich, ethoxylated	78330-20-8	1.0% - 3%

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

## 4. First Aid Measures

### EMERGENCY OVERVIEW

**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

**SKIN:** Take off contaminated clothing and shoes immediately. Wash affected areas with plenty of water. Wash contaminated clothing before reuse. Seek medical attention if irritation develops or persists.

**INHALATION:**  
 Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth to mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.

**INGESTION:**

Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

**5. Fire-Fighting Measures****SUITABLE FIRE EXTINGUISHING MEDIA:**

Use extinguishing media suitable for surrounding fire.

**UNSUITABLE FIRE EXTINGUISHING MEDIA:**

None known.

**SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:**

Extremely flammable aerosol. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed.

**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. Move containers from fire area if this can be done without risk. Use water spray to keep fire exposed containers cool.

**SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:**

Use self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode when fighting fires.

**6. Accidental Release Measures****EMERGENCY PROCEDURE:**

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. In the case of aerosols being ruptured, care should be taken due to the rapid escape of the pressurized contents and propellant. If a large number of containers are ruptured, treat as a bulk material spillage according to the instructions in the clean-up section. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**Small Spill:** Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large Spill:** Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

**RECOMMENDED EQUIPMENT:**

Clean up with an absorbent material and place in closed containers for disposal.

**PERSONAL PRECAUTIONS:**

See section 8 for specifics on protective personal equipment (PPE).

**ENVIRONMENTAL PRECAUTIONS:**

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

**7. Handling and Storage****GENERAL:**

Do not puncture or incinerate (burn) cans. Do not stick pins, nails, or any other sharp objects into opening on top of can. Do not spray in eyes. Do not take internally.

**VENTILATION REQUIREMENTS:**

Use in a well-ventilated place.

**STORAGE ROOM REQUIREMENTS:**

Store and use in a cool, dry, well-ventilated area. Do not store above 120°F. See product label for additional information.

## 8. Exposure Controls / Personal Protection

### PERSONAL PROTECTIVE EQUIPMENT:



**Eye/Face Protection:** Safety glasses with side shields should be used if indicated. Eye wash and safety showers in the workplace are recommended.

**Skin Protection:** Use solvent-resistant protective gloves for prolonged or repeated contact.

**Respiratory Protection:** Avoid breathing vapors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use an approved air line respirator or hood. A self-contained breathing apparatus is required for vapor concentrations above PEL/TLV limits.

### APPROPRIATE ENGINEERING CONTROLS:

Ventilation should be sufficient to prevent inhalation of any vapors.

Chemical Name	OSHA TWA (ppm)	OSHA TWA (mg/m <sup>3</sup> )	OSHA STEL (ppm)	OSHA STEL (mg/m <sup>3</sup> )	OSHA Tables (Z1, Z2, Z3)	OSHA Carcinogen	OSHA Skin designation	NIOSH TWA (ppm)	NIOSH TWA (mg/m <sup>3</sup> )	NIOSH STEL (ppm)	NIOSH STEL (mg/m <sup>3</sup> )	NIOSH Carcinogen
BUTANE								800	1900			
PROPANE	1000	1800			1			1000	1800			

Chemical Name	ACGIH TWA (ppm)	ACGIH TWA (mg/m <sup>3</sup> )	ACGIH STEL (ppm)	ACGIH STEL (mg/m <sup>3</sup> )
BUTANE			1000 (EX)	
PROPANE	1000	1800	Simple asphyxiant (D), explosion hazard (EX)	

## 9. Physical & Chemical Properties

<b>Appearance:</b>	Liquid	<b>Flammability(solid/gas):</b>	Flash point below 73°F/23°C
<b>Odor:</b>	N.A.	<b>Explosive Limit-Lower (%):</b>	9.5%
<b>Odor Threshold:</b>	N.A.	<b>Explosive Limit-Upper (%):</b>	1.9%
<b>pH:</b>	11	<b>Vapor Density:</b>	1.00 (air = 1)
<b>Melting/Freezing Point:</b>	N.A.	<b>Vapor Pressure:</b>	101.3 kPa (20°C)
<b>Low Boiling Point:</b>	N.A.	<b>Solubility (water):</b>	N.A.
<b>High Boiling Point:</b>	N.A.	<b>Auto-Ignition Temp:</b>	N.A.
<b>Viscosity (kinematic):</b>	>0.205 cm <sup>2</sup> /s (40°C)	<b>Decomposition Temp:</b>	N.A.
<b>Density:</b>	7.68 lb/gal	<b>Flash Point:</b>	-29°C (closed cup)
<b>Density VOC:</b>	0.76 lb/gal	<b>Evaporation Rate:</b>	0.09 (butyl acetate = 1)
<b>% VOC:</b>	9.90%		

## 10. Stability & Reactivity Information

### CHEMICAL STABILITY:

The product is stable under normal storage conditions.

### CONDITIONS TO AVOID:

Keep away from heat, sparks, extreme temperature, flame, other sources of ignition.

### INCOMPATIBLE MATERIALS:

No data available.

### HAZARDOUS REACTIONS/POLYMERIZATION:

Under normal conditions of storage and use, hazardous reactions will not occur.

### HAZARDOUS DECOMPOSITION PRODUCTS:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11. Toxicological Information

### SKIN CORROSION/IRRITATION:

No data available.

### SERIOUS EYE DAMAGE/IRRITATION:

Causes serious eye irritation.

### CARCINOGENICITY:

No data available.

### GERM CELL MUTAGENICITY:

No data available.

### REPRODUCTIVE TOXICITY:

No data available.

### RESPIRATORY/SKIN SENSITIZATION:

No data available.

### SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE:

No data available.

### SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE:

May cause damage to organs through prolonged or repeated exposure.

### ASPIRATION HAZARD:

No data available.

**ACUTE TOXICITY:**  
 0000106-97-8 BUTANE  
 LC50 (mouse): 202000 ppm (481000 mg/m3) (4-hour exposure); cited as 680 mg/L (2-hour exposure) (9)  
 LC50 (rat): 276000 ppm (658000 mg/m3) (4-hour exposure); cited as 658 mg/L (4-hour exposure) (9)

**12. Ecological Information**

**TOXICITY:**  
 No data available.  
**PERSISTENCE AND DEGRADABILITY:**  
 No data available.  
**BIO-ACCUMULATIVE POTENTIAL:**  
 No data available.  
**MOBILITY IN SOIL:**  
 No data available.  
**OTHER ADVERSE EFFECTS:**  
 No data available.

**13. Disposal Consideration**

**WASTE DISPOSAL:**  
 Under RCRA, it is the responsibility of the user of the product, to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws. Empty containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

**14. Transportation Information**

**DOT:** **UN Number:** UN1950  
**UN Proper Shipping Name:** Aerosols, flammable  
**Hazard Class:** 2.1  
**Packaging Group:** N.A.  
**Note/Special Provision:** Each not exceeding 1 L capacity (LTD QTY)  
**IMDG:** **UN Number:** UN1950  
**Proper Shipping Name:** Aerosols, flammable  
**Hazard Class:** 2.1  
**Packaging Group:** N.A.  
**Note/Special Provision:** Each not exceeding 1 L capacity (LTD QTY)  
**IATA:** **UN Number:** UN1950  
**Proper Shipping Name:** Aerosols, flammable  
**Hazard Class:** 2.1  
**Packaging Group:** N.A.  
**Note/Special Provision:** Each not exceeding 1 L capacity (LTD QTY)

**15. Regulatory Information**

CAS	Chemical Name	% By Weight	Regulation List
106-97-8	BUTANE	1.0% - 10%	SARA312, VOC, TSCA, ACGIH
74-98-6	PROPANE	1.0% - 5%	SARA312, VOC, TSCA, ACGIH, OSHA
78330-20-8	Alcohols, C9-11-iso-, C10-rich, ethoxylated	1.0% - 3%	SARA312, TSCA

**16. Other Information**

\* There are points of differences between OSHA GHS and UN GHS. In 90% of the categories, they can be used interchangeably, but for the Skin Corrosion/Irritant Category and the Specific Target Organ Toxicity (Single and Repeated Exposure) Categories. In these cases, our system will say UN GHS.  
 ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDGCanadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESLEffects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ- Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA- Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

**DISCLAIMER:**  
 To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability 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 hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.