



# SAFETY DATA SHEET

## SECTION 1) CHEMICAL PRODUCT AND MANUFACTURER'S IDENTIFICATION

**Product ID:** #ZF-1, #ZF-2, #ZF-4, #ZF-6 (2025 cans), and #ZF-GAL  
**Product Name:** Pro-Shot Zero Friction  
**Revision Date:** Jul 10, 2024 **Date Printed:** Jul 10, 2024  
**Version:** 5.0 **Supersedes Date:** Mar 04, 2020  
**Manufacturer's Name:** Pro-Shot Products, Inc.  
**Address:** P.O. Box 763 Taylorville, IL, US, 62568  
**Emergency Phone:** CHEMTRC: (800) 424-9300 US & CANADA  
703-527-3887 INTERNATIONAL (Collect)  
**Information Phone Number:** (217) 824-9133 Pro-Shot  
**Product/Recommended Uses:** Firearms, Knives, & Tools Lubricant

## SECTION 2) HAZARDS IDENTIFICATION

### Classification

Acute toxicity Inhalation Gas (ppmV) - Category 4

Aspiration Hazard - Category 1

Safety data sheet prepared in accordance to the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Workplace Hazardous Materials Information System (WHMIS).

### Pictograms



### Signal Word

Danger

### Hazardous Statements - Health

H332 - Harmful if inhaled

H304 - May be fatal if swallowed and enters airways

### 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.

### Precautionary Statements - Prevention

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.

P271 - Use only outdoors or in a well-ventilated area.

### Precautionary Statements - Response

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 - Call a POISON CENTER or doctor, if you feel unwell.

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.

P331 - Do NOT induce vomiting.

### Precautionary Statements - Storage

P405 - Store locked up.

### Precautionary Statements - Disposal

P501 - Dispose of contents/container in accordance with local/national/international regulation. Waste management should be in full compliance with national, regional and local laws.

## SECTION 3) COMPOSITION/INFORMATION ON INGREDIENTS

CAS	Chemical Name	% By Weight
0068649-11-6	1-DECENE, DIMER, HYDROGENATED	60% - 70%
0009003-29-6	BUTENE, HOMOPOLYMER	20% - 30%
0025619-56-1	BARIUM DINONYLNAPHTHALENE SULFONATE	1.00% - 5%

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

## SECTION 4) FIRST-AID MEASURES

### Inhalation

Remove source of exposure or move person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell or are concerned.

### Eye Contact

If irritation occurs, cautiously rinse eyes with lukewarm, gently flowing water for 5 minutes, while holding the eyelids open. If eye irritation persists: Get medical advice/attention.

### Skin Contact

Rinse/wash with lukewarm, gently flowing water and mild soap for 5 minutes or until product is removed. If skin irritation occurs or you feel unwell: Get medical advice/attention.

### Ingestion

Immediately call a POISON CENTER or doctor. Do NOT induce vomiting. If vomiting occurs naturally, lie on your side, in the recovery position.

### Most important symptoms and effects, both acute and delayed

No data available.

### Indication of any immediate medical attention and special treatment needed

Treat according to symptoms (decontamination, vital functions), no known specific antidote. Treatment should be supportive and based on the judgement of the physician in response to the reaction of the patient.

## SECTION 5) FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Small Fire : Dry chemical, foam, carbon dioxide, water-spray or alcohol-resistant foam. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Large Fire : Water spray, fog or alcohol-resistant foam.

### Unsuitable Extinguishing Media

Do not use straight stream of water.

### Specific Hazards Arising from the Chemical

Fire will produce irritating and toxic gases.

### Precautions for Firefighters

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Cool containers with flooding quantities of water until well after fire is out. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

### Special Protective Equipment

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

## SECTION 6) ACCIDENTAL RELEASE MEASURES

### Emergency Procedure

Isolate hazard area and keep unauthorized personnel away. Stay uphill and/or upstream. Ventilate closed spaces before entering. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

### Protective Equipment

Breathing protection is required. Wear chemical protective clothing and positive pressure self-contained breathing apparatus (SCBA).

### Personal Precautions

Do not breathe vapor or mist. Avoid contact with skin, eye or clothing.

### Environmental Precautions

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

### Methods and Materials for Containment and Cleaning up

Absorb Liquids in vermiculite, dry sand, earth, or similar inert material and deposit in sealed containers for disposal. Ventilate area after clean-up is complete.

## SECTION 7) HANDLING AND STORAGE

### General

Wash hands after use. Avoid contact with skin, eye or clothing. Do not breathe vapor or mist. Use good personal hygiene practices. Eating, drinking and smoking in work areas is prohibited. Remove contaminated clothing and protective equipment before entering eating areas. All containers must be properly labelled.

### Ventilation Requirements

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source. Report ventilation failures immediately.

### Storage Room Requirements

Store in a cool, dry, well ventilated area, away from sources of ignition and incompatibilities. Keep containers securely sealed when not in use. Containers that have been opened must be carefully resealed to prevent leakage. Indoor storage should meet OSHA standards and appropriate fire codes. Empty containers retain residue and may be dangerous.

## SECTION 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

### Eye protection

Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids.

### Skin Protection

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber. Launder soiled clothes or properly disposed of contaminated material, which cannot be decontaminated.

### Respiratory protection

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 should be followed. Check with respiratory protective equipment suppliers.

### Appropriate Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Chemical Name	OSHA Tables (Z1, Z2, Z3)	OSHA Carcinogen	OSHA TWA (ppm)	OSHA TWA (mg/m3)	OSHA STEL (ppm)	OSHA STEL (mg/m3)	ACGIH TWA (ppm)	ACGIH TWA (mg/m3)
BARIUM DINONYLNAP HTHALENE SULFONATE	1			0.5				0.5

Chemical Name	ACGIH STEL (ppm)	ACGIH STEL (mg/m3)	NIOSH TWA (ppm)	NIOSH TWA (mg/m3)	NIOSH STEL (ppm)	NIOSH STEL (mg/m3)	ACGIH Carcinogen	NIOSH Carcinogen
BARIUM DINONYLNAP HTHALENE SULFONATE							A4	

Chemical Name	ACGIH TLV Basis	ACGIH Notations	OSHA Skin designation
BARIUM DINONYLNAP HTHALENE SULFONATE	Eye, skin, & GI irr; muscular stimulation	A4	

A4 - Not Classifiable as a Human Carcinogen, GI - Gastrointestinal, irr - Irritation

## SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

Density	6.84450 lb/gal
Specific Gravity	0.82015
VOC Actual(lb/gal)	0.00000 lb/gal

Appearance	Clear, Light Amber Liquid
Odor Description	Mild, Petroleum
pH	N/A
Flash Point Symbol	>
Flash Point	302.00000 °F
Boiling Point	N/A
Freezing Point	N/A
Auto Ignition Temp	N/A
Melting Point	N/A
Vapor Pressure	N/A
Vapor Density	N/A
Evaporation Rate	N/A
Upper Explosion Level	N/A
Lower Explosion Level	N/A
Water Solubility	Insoluble
Coefficient Water/Oil	N/A
Kinematic Viscosity	17.00000 cSt
Kinematic Viscosity Temperature	40.00000 °C

## SECTION 10) STABILITY AND REACTIVITY

### Reactivity

No data available.

### Chemical Stability

Stable under normal storage and handling conditions.

### Possibility of Hazardous Reactions/Polymerization

Will not occur.

### Conditions To Avoid

Avoid heat, sparks, flame and contact with incompatible materials

### Incompatible Materials

Strong bases, acids, and oxidizing agents.

### Hazardous Decomposition Products

Oxides of carbon.

## SECTION 11) TOXICOLOGICAL INFORMATION

### Aspiration Hazard

May be fatal if swallowed and enters airways

### Carcinogenicity

Based on available data, the classification criteria are not met.

### Germ Cell Mutagenicity

Based on available data, the classification criteria are not met.

### Reproductive Toxicity

Based on available data, the classification criteria are not met.

### Respiratory/Skin Sensitization

Based on available data, the classification criteria are not met.

### Serious Eye Damage/Irritation

Based on available data, the classification criteria are not met.

### Skin Corrosion/Irritation

Based on available data, the classification criteria are not met.

### Specific Target Organ Toxicity - Repeated Exposure

Based on available data, the classification criteria are not met.

### Specific Target Organ Toxicity - Single Exposure

Based on available data, the classification criteria are not met.

### Acute Toxicity

Harmful if inhaled

The Acute Toxicity Estimate (ATE) for an oral exposure to this mixture is >5000 mg/kg body weight

The Acute Toxicity Estimate (ATE) for a dermal exposure to this mixture is >5000 mg/kg body weight

The Acute Toxicity Estimate (ATE) for an inhalation (vapour) exposure to this mixture is >20 mg/l

The Acute Toxicity Estimate (ATE) for an inhalation (dust and mist) exposure to this mixture is >5 mg/l

### Likely Routes of Exposure

Inhalation, Ingestion, Skin contact, Eye contact

Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.

### Chronic Exposure

Based on available data, the classification criteria are not met.

### Potential Health Effects - Miscellaneous

Based on available data, the classification criteria are not met.

## SECTION 12) ECOLOGICAL INFORMATION

### Other Adverse Effects

No data available.

### Ecotoxicity

Based on available data, the classification criteria are not met.

### Persistence and Degradability

No data available.

### Bioaccumulative Potential

No data available.

### Mobility in Soil

No data available.

## SECTION 13) DISPOSAL CONSIDERATIONS

### Waste Disposal

It is the responsibility of the user of the product to determine at the time of disposal whether the product meets local criteria for hazardous waste. Waste management should be in full compliance with national, 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.

## SECTION 14) TRANSPORT INFORMATION

	U.S. DOT Information	IMDG Information	IATA Information
<b>UN number:</b>	Not Regulated	Not Regulated	Not Regulated
<b>Proper shipping name:</b>	N/A	N/A	N/A
<b>Hazard class:</b>	Not Applicable	Not Applicable	Not Applicable
<b>Packaging group:</b>	Not Applicable	Not Applicable	Not Applicable
<b>Hazardous substance (RQ):</b>	No Data Available		
<b>Marine Pollutant:</b>	No Data Available	No	
<b>Note / Special Provision:</b>	No Data Available	No Data Available	No Data Available
<b>Toxic-Inhalation Hazard:</b>	No Data Available		

## SECTION 15) REGULATORY INFORMATION

### OSHA Hazard Communication Standard:

This material is considered hazardous in accordance with OSHA HazCom 2012, 29 CFR 1910.1200.

### CERCLA - Hazardous Substances and their Reportable Quantities.

This product does not contain any chemicals that require reporting under this regulation, Comprehensive Environmental Response Compensations and Liability Act (CERCLA) (40 CFR 302).

### EPCRA Section 302 Extremely Hazardous Substances

This material contains no extremely hazardous substances.

### SARA 311/312 Hazard Categories

Acute toxicity

Aspiration hazard

## SARA 313

CAS# 25619-56-1, Naphthalenesulfonic Acid, Dinonyl-, Barium Salt (2:1), 1.0% De Minimis

## California Proposition 65

Product does not contain any chemicals listed under California Proposition 65

CAS	Chemical Name	% By Weight	Regulation List
0068649-11-6	1-DECENE, DIMER, HYDROGENATED	60% - 70%	SARA312, TSCA - Toxic Substances Control Act (TSCA)
0009003-29-6	BUTENE, HOMOPOLYMER	20% - 30%	SARA312, TSCA - Toxic Substances Control Act (TSCA)
0025619-56-1	BARIUM DINONYLNAPHTHALENE SULFONATE	1.00% - 5%	SARA313, SARA312, TSCA - Toxic Substances Control Act (TSCA)

The information in this Section does not list non-hazardous components that might have relevant TSCA - Toxic Substances Control Act (TSCA), SARA312 regulatory values, if they are present at less than 1%. Please contact manufacturer for more information.

## SECTION 16) OTHER INFORMATION

### Glossary

ACGIH - American Conference of Governmental Industrial Hygienists; CAS - Chemical Abstracts Service ; Chemtrec - Chemical Transportation Emergency Center; DSL - Domestic Substances List; ESL- Effects screening levels; GHS - "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations; HMIS - Hazardous Material Information Service; IATA - Dangerous Goods Regulations (DGR) for the air transport (IATA); IMDG - International Maritime Dangerous Goods Code; 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 313 - Superfund Amendments and Reauthorization Act, Section 313; SCBA - Self Contained Breathing Apparatus; ppm - parts per million; STEL - Short-term exposure limit; TLV - Threshold Limit Value; TSCA - Toxic Substances Control Act Public Law 94-469; TWA - Time-weighted average; US DOT- US Department of Transportation.

### Version 5.0:

Revision Date: Jul 10, 2024

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