




Safety Data Sheet

Falcon Signal Horn

Section 1. Identification

Product Identifier	Falcon Signal Horn
Synonyms	FSH1, FSH1V, FSH1BU, FSH, FSHR, FSH39, FSH39R, FSH39BU
Manufacturer Stock Numbers	N/A
Recommended use	Produces Loud Sound - Hand held signaling device.
Uses advised against	This device creates a loud noise and should not be used unnecessarily or near ears. Read all directions and warnings printed on product. Use as directed and keep out of reach of children. Intentional misuse by deliberately concentrating and/or inhaling contents may be fatal.

Section 2. Hazards Identification

Classification	FLAMMABLE GASES - Category 1 GASES UNDER PRESSURE - Compressed gas
Signal Word	Danger
Pictogram	
Hazard Statements	Contains gas under pressure; may explode if heated Extremely flammable gas
Precautionary Statements Response	Eliminate all ignition sources if safe to do so.

Prevention	Leaking gas fire: Do not extinguish, unless leak can be stopped safely. DO NOT SMOKE Keep away from heat. Keep container tightly closed. Pressurized container: Do not pierce or burn, even after use.
Storage	Do not store in enclosed vehicle. Protect from sunlight. Store in a well-ventilated place.
Disposal	N/A
General	Keep out of reach of children
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	Contact with liquid may cause frostbite.
	No Data Available

Section 3. Ingredients

CAS	Ingredient Name	Weight %
75-28-5	Propane, 2-methyl-	100 %

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Eye	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.
Skin	For liquid contact, warm areas gradually by flushing with lukewarm water. Do not rub affected area, If blistering occurs, apply a sterile dressing. Seek medical attention.
Ingestion	Is not considered a potential route of exposure.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.
General Advice	Never give anything by mouth to an unconscious person. When symptoms persist or in all cases of doubt, seek medical advice.
Inhalation	Harmful if inhaled.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Dry Chemical. Foam.
Unsuitable Extinguishing Media	No applicable data available.
Flammable Properties	Flammable by WHMIS/OSHA criteria. Containers may explode when heated. Vapors are heavier than air and may travel along the ground to some distance source of ignition and flash back.
Firefighters Specific Hazards From Chemical	Contents under pressure. Pressurized container may explode when exposed to heat or flame. Cool containers with floodings quantities of water until well after fire is out.
Protective Equipment for Firefighters	Firefighters should wear full protective clothing including self-contained breathing apparatus.
Hazardous Combustions Products	May include and are not limited to: Oxides of carbon.

Section 6. Accidental Release Measures

Clean-up	Wear a self-contained breathing apparatus and appropriate Personal protection. (See Exposure Controls/Personal Protection section.)
Safeguards (Personnel)	Evacuate personnel to safe areas. Ventilate the area. Refer to protective measures listed in sections 7 and 8.
Methods for Containment	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Evacuate all personnel from area. Evaporates quickly forming flammable vapors. Reduce vapors with fog or fine water spray, taking care not to spread liquid with water. Significant spill or leak is unlikely in aerosol containers.

Section 7. Handling and Storage

Handling (Personnel)	Avoid breathing vapors or mist. Avoid contact with skin, eyes and clothing. Provide sufficient air exchange and/or exhaust in work rooms. For personal protection see section 8. Handle in accordance with good industrial hygiene and safety practice.
Storage Temperature	Do not expose to temperatures above 120 degrees F (49 degrees C) as overheating could cause can to burst. DO NOT leave in direct sunlight or enclosed vehicle.
Storage	Keep away from heat and flame. Keep away from sources of ignition. Keep out of reach of children.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Propane, 2-methyl-	N/A	N/A	N/A
Personal Protective Equipment	N/A			
Engineering Controls	Use with adequate ventilation. Keep container tightly closed.			
Eye-Face Protection	As required by employer code. If there is a risk of contact with the eyes or face, wear safety glasses with side shields.			
Skin and body protection	As required by employer code. If there is risk of skin contact, wear protective clothing, gloves, etc. Direct contact with liquid can cause frostbite.			
Respiratory Protection	Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.			
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practices.			

Section 9. Physical and Chemical Properties

Physical State	Gas
Color	Colorless Gas
Odor	Slight Ethereal
Odor Threshold	No data
Solubility	Negligible
Partition coefficient Water/n-octanol	No data
VOC%	N/A
Viscosity	N/A
Specific Gravity	0.523
Density lbs/Gal	0.59
Pounds per Cubic Foot	N/A
Flash Point	-117°F
FP Method	Open Cup
Ph	N/A
Melting Point	No data
Boiling Point	10.94°F / - 11.7°C
Boiling Range	N/A
LEL	1.8
UEL	8.4
Evaporation Rate	>1 (Ethyl Ether=1.0)
Flammability	N/A
Decomposition Temperature	No data
Auto-ignition Temperature	860°F/460°C
Vapor Pressure	300 kPa
Vapor Density	2.006

Additional Information Gas/vapor heavier than air. May accumulate in confined spaces, particularly at or below ground level.

Section 10. Stability and Reactivity

Stability Stable under recommended storage conditions.
Conditions to Avoid Heat, open flames, static discharge, sparks, and other ignition sources. Aerosol containers are unstable at temperatures above 120 degrees F/49 degrees C.
NO SMOKING
Incompatible Materials Strong oxidizing agents. Oxygen.
Hazardous Decomposition Products May include and are not limited to: Oxides of carbon.

Section 11. Toxicological Information

Component Analysis - LC50 Isobutane 658 mh/l/4h rat
Component Analysis - Oral LD50 Isobutane - Not available.
Effects of Acute Exposure Eye - Vapors may cause mild irritation. Contact with liquid may cause frostbite.
Skin - Vapors are not irritating. Contact with liquid may cause frostbite.
Inhalation- Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness). May cause asphyxiation in high concentrations. Ingestion - Not a normal route of exposure. Ingestion of liquid may cause frostbite to mucous membranes and central nervous system depression.
Sensitization Non-hazardous by WHMIS/OSHA criteria.
Local Effects Repeated or prolonged inhalation may cause toxic effects.
Chronic Effects Non-hazardous by WHMIS/OSHA Criteria
Carcinogenicity Non-hazardous by WHMIS/OSHA criteria.
Mutagenicity Non-hazardous by WHMIS/OSHA Criteria.
Reproductive Effects Non-hazardous by WHMIS/OSHA Criteria.
Teratogenicity Non-hazardous by WHMIS/OSHA Criteria.

Section 12. Ecological Information

Toxicity No classified hazards
Persistence and Degradability The hydrocarbons in this material are expected to be biodegradable.
Bioaccumulative Potential Not expected as having the potential to bioaccumulate.
Other Adverse Effects None anticipated.

Section 13. Disposal

Waste Disposal Method Comply with applicable Federal, State/Provincial, and Local Regulations. Do not pierce or burn, even after use.
Contaminated Packaging Not Available

Section 14. Transport Information

UN Number	1075
UN Proper Shipping Name	Petroleum Gases, Liquefied
DOT Classification	2.1
Packing Group	N/A
Additional Information	Labeled Flammable Gas

Section 15. Regulatory Information

TSCA	On the inventory, or in compliance with the inventory.
Canada Domestic Substances List (DSL)	This product is listed on the DSL inventory list and complies with the inventory requirements administered by the governing country.
SARA Title III	CERCLA/SARA (Section 302) Extremely Hazardous Substances and TPQs (in pounds): This material does not contain any chemicals subject to the reporting requirements of SARA 302 and 40 CFR 372.
SARA (313) Chemicals	Not listed
California Prop. 65	This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

Section 16. Other Information

Revision Date	8/11/2016
Disclaimer	Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.