

**Material Safety Data Sheet**

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.

**U.S. Department of Labor**

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

IDENTITY (as Used on Label and List)  
**Clave-N-Spray**

*Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.*

**Section I**

Manufacturer's name Athena Champion	Emergency Telephone Number 260-373-1917
Address (Number, Street, City, State and ZIP Code) 2621 Corrinado Court Fort Wayne, IN 46808	Telephone Number for Information 260-373-1917 Date Prepared 05/01/95 Signature of Preparer (optional)

**Section II—Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Propane	1000	1000	N/A	
Isobutane	800	800	N/A	
Hexane	50	50	N/A	
Petroleum Distillate	5mg/M3	5mg/M3	N/A	

**Section III—Physical/Chemical Characteristics**

Boiling Point	N/A	Specific Gravity (H <sub>2</sub> O = 1)	Concentrate Oniv = 0.77
Vapor Pressure (mm Hg)	PSIG @ 70°F (Aerosols): Max 60	Melting Point	N/A
Vapor Density (AIR = 1)	N/E	Evaporation Rate (Butyl Acetate = 1)	N/E
Solubility in Water	Insoluble		
Appearance and Odor	Straw colored with hexane solvent odor		

**Section IV—Fire and Explosion Hazard Data**

Flash Point (Method Used) N/A	Flammable Limits	LEL N/E	UEL N/E
Extinguishing Media: Foam dry chemical, carbon dioxide, water			
Special Fire Fighting Procedures: Self contained breathing apparatus. Use water fog to cool containers to prevent from rupturing And exploding containers. Provide a shielding for personnel			
Unusual Fire and Explosion Hazards: Extremely flammable			
Do not expose aerosols to temperatures above 130°F or the container may rupture			

(Reproduce locally)

OSHA 174 Sept. 1985

**Section V—Reactivity Data**

Stability	Unstable		Conditions to Avoid
	Stable X		Open flame, welding, heat sparks

Incompatibility (*Materials to Avoid*): **Strong oxidizing agents**

Hazardous Decomposition or Byproducts: Carbon dioxide, carbon monoxide

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur: X		

**Section VI—Health Hazard Data**

Route(s) of Entry	Inhalation? x	Skin? x	Ingestion? No
-------------------	---------------	---------	---------------

Health Hazards (*Acute and Chronic*)

Acute Effects – Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, nausea, headache, possible unconsciousness or asphyxiation. Can cause irritation to the eyes and skin. Possible chemical pneumonitis if aspirated into lungs

Chronic Effects (effectis due to excessive exposure to the raw materials of this mixture)- Excessive inhalation of hexane may cause nerve damage. May aggravate existing eye, skin or upper respiratory conditions

Carcinogenicity N/A	NTP?	IARC Monographs?	OSHA Regulated?
---------------------	------	------------------	-----------------

Signs and Symptoms of Exposure

See above

Medical Conditions  
Generally Aggravated by Exposure

Eye, skin, or upper respiratory conditions

Emergency and First Aid Procedures

Eye Contact – Flush with water for 15 minutes. If irritated seek medical attention. Skin Contact – Wash with soap and water If irritated seek medical attention. Inhalation- Remove to fresh air. Resuscitate if necessary. Get medical attention. Ingestion: Do not induce vomiting. Drink to large glasses of water. Get immediate medical attention

**Section VII—Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material Is Released or Spilled

Absorb with suitable medium. Incinerate or landfill according to local, state or federal regulations. DO NOT FLUSH TO SEWER

Waste Disposal Method

Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard

Precautions to Be Taken in Handling and Storing

Do not puncture or incinerate containers. Do not store at tempetures above 130°F

Other Precautions

Keep out of the reach of children. Avoid food contamination. Avoid breathing vapors. Remove ignition sources

**Section VII—Control Measures**

Respiratory Protection (*Specify Type*): If vapor concentratipon exceeds TLV use respirator approved by the U.S. Bureau of Mines for organic vapor

Ventilation	Local Exhaust:	Special
	Mechanical ( <i>General</i> : Adequate ventilation to keep vapor concentration below TLV	Other

Protective Gloves: Neoprene      Eye Protection: Safety glasses recommended

Other Protective Clothing or Equipment:: None

Work/Hygienic Practices: Wash with soap and water before handling food. Remove contaminated clothing.

*We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind*