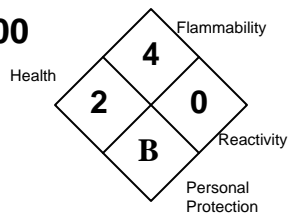


MATERIAL SAFETY DATA SHEET

CLAVE-N-SPRAY™ CATALOG NUMBER: 31000

DOT Hazard Classification: ORM-D



SECTION I – Distributor

Athena Champion
13705 Shoreline Court East, Earth City, MO 63045
1-800-253-1771
24-Hour Emergency No. (U.S.) 1-800-535-5053 (Outside U.S.) 352-323-3500

SECTION II – Hazardous Ingredients / Identity

Hazardous Components	CAS Number	OSHA PEL	ACGIH TLV	Vapor Pressure @25°C	LEL	UEL	Flash Point (°F)	Wt%
Hexane*	110-54-3	500 ppm	50 ppm	140 mmHg	1.2	7.5	<0(TCC)	40-50%
Mineral Oil	8042-47-5	5 mg/m ³	5 mg/m ³	NA	NA	NA	>265	30-40%
Liquefied Petroleum Gas (Propellant)	64742-54-7	1000 ppm	1000 ppm	3691 mmHg	2.0	10.0	-156 Est.	20-30%

*Note: Hexane is subject to Section 313 of SARA Title III

SECTION III – Physical & Chemical Characteristics

Boiling Point: Concentrate: 200°F/93°C, Propellant: -16°F/ -27°C
Solubility in Water: Slight **Specific Gravity:** Concentrate: 0.7, Propellant: 0.54
Vapor Pressure: See section II **Vapor Density (Air=1):** >1
Vapor Pressure: (non-aerosols) (mmHg and Temperature): N/A
Evaporation Rate (BA=1): >1 **Water Reactive:** No
Appearance and Odor: Concentrate: liquid with characteristic odor, Propellant: colorless and odorless gas

SECTION IV – Fire & Explosion Data

Flammability: **EXTREMELY FLAMMABLE** per USA Flame Projection Test - aerosols
EXTREMELY FLAMMABLE
Flash Point and Method Used (non-aerosols): See Section II
Flammable Limits in Air by % in Volume: See Section II
Auto-ignition Temperature: Not Determined
Extinguisher Media: Foam, dry chemical, carbon dioxide
Special Fire Fighting Procedures; Unusual Fire and Explosion Hazards: Self-contained breathing apparatus. Use water fog to cool containers to prevent rupturing & exploding containers. Provide shielding for personnel.
Unusual Fire and Explosion Hazards: Extremely Flammable. Contents under pressure. Do not use or store near heat or ignition sources. Vapors are heavier than air and will collect in low areas. **Containers may burst at temperatures above 130°F/54°C.**

SECTION V – Physical Hazards (Reactivity Data)

Stability: Stable
Hazardous Polymerization: Will not occur.
Hazardous Decomposition Products: Carbon dioxide, carbon monoxide.
Conditions / Materials to Avoid: Avoid any ignition sources and excessive heat. Avoid Nitric plus Acetic Acids, Nitric plus Sulfuric Acid, Amines, Strong Oxidizing Agents.

SECTION VI – Health Hazards

Acute Effects, Signs and symptoms of exposure:

Skin Absorption: May cause irritation and defatting of skin.

Eye contact – May cause moderate irritation and moderate corneal injury. Vapors may irritate eyes.

Ingestion – If aspirated (liquid enters the lungs), it may be rapidly absorbed through the lungs and result in injury to other body systems. May cause gastro-intestinal distress.

Inhalation – May cause nose and throat irritation. May cause nervous system depression characterized by the following progressive steps: headache, dizziness, nausea, staggering gait, confusion, unconsciousness. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

Chronic Effects: This product contains N-Hexane. Overexposure to N-Hexane may cause progressive and potentially irreversible damage to the peripheral nervous system, particularly in the arms and legs.

Important Note: Repeated and prolonged overexposure to solvents may lead to permanent brain and nervous system damage. Eye watering, headaches, nausea, dizziness and loss of coordination are signs that solvent levels are too high. Intentional Misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Chemical Listed as Carcinogen or Potential Carcinogen: National Toxicology Program; I.A.R.C. Monographs and OSHA do not list this product or its ingredients as carcinogens.

SECTION VII – Emergency First Aid Procedures

Skin Contact: Wash off in flowing water or shower. Remove contaminated clothing and shoes. Wash before reuse. If irritation develops, seek medical attention.

Ingestion: **DO NOT INDUCE VOMITING.** Seek medical attention immediately.

Inhalation: Remove to fresh air. Administer artificial respiration if breathing stopped. If breathing is difficult, give oxygen. Seek medical attention immediately.

Eye Contact: Flush eyes immediately with water for at least 15 minutes. If irritation persists, seek medical attention.

SECTION VIII – Special Precautions and Spill/Leak Procedures

Precautions to be taken in Handling and Storing: Do not puncture or incinerate containers. Do not store at temperatures above 120°F/49°C. Avoid breathing vapors and prolonged or repeated contact with skin.

Waste disposal method: Dispose in accordance with Federal, State and local regulations. Do not incinerate closed or empty containers.

Precautions to be taken if material is spilled or released: Remove ignition sources.

Small Spills – Wear appropriate PPE and mop up, soak up or wipe up immediately. **Large Spills** - Evacuate area. Contain liquid and transfer to closed containers. Keep out of water supplies.

Other Precautions: KEEP OUT OF REACH OF CHILDREN. Avoid food contamination.

SECTION IX – Special Protection Information / Control Measures

Protective wear: Wear safety goggles and impervious gloves when using this material. An eyewash station should be nearby and ready for use.

Ventilation: Have adequate ventilation to keep vapor concentration below TLV.

Respiratory Protection: If vapor concentration exceeds TLV, use respirator approved by US Bureau of Mines for organic vapor.

Hygiene Work Practices: Wash with soap and water before handling food.

IMPORTANT

While seller believes that the information contained herein is accurate, such information is offered solely for its customers' consideration and verification under their specific use conditions. This information is not deemed a warranty or representation of any kind for which seller assumes legal responsibility.

ATHENA CHAMPION®