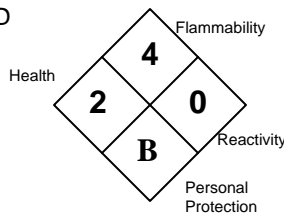


MATERIAL SAFETY DATA SHEET

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

SECTION II – Hazardous Ingredients / Identity

Hazardous Components	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TVL (ppm)
Propane	74-98-6	No	1000	1000
Isobutane	75-28-5	No	800	800
Hexane	110-54-3	Yes	50	50
White Petroleum Oil Distillate	64742-54-7	No	5 mg/M3	5 mg/M3

SECTION III – Physical & Chemical Characteristics

Boiling Point: N/A
Solubility in Water: Insoluble
Specific Gravity: 0.77 (Concentrate Only)
Vapor Pressure: PSIG @ 70°F/21°C (Aerosols): Max. 60
Vapor Pressure: (non-aerosols) (mmHg and Temperature): N/A
Vapor Density: Not Determined
Evaporation Rate: Not Determined
Water Reactive: No
Appearance and Odor: Straw colored liquid with hexane solvent odor

SECTION IV – Fire & Explosion Data

Flammability: **EXTREMELY FLAMMABLE** per USA Flame Projection Test - aerosols
EXTREMELY FLAMMABLE
Flash Point and Method Used (non-aerosols): N/A
Flammable Limits in Air by % in Volume: % LEL: Not Determined, %UEL: Not Determined
Auto-ignition Temperature: Not Determined
Extinguisher Media: Foam, dry chemical, carbon dioxide, water.
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. **Do not expose aerosols to temperatures above 130°F/54°C or the container may rupture.**

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 contact with strong oxidizing agents, and avoid contact with open flame, welding arcs, heat, and sparks.

SECTION VI – Health Hazards

Acute Effects, Signs and symptoms of exposure:

Skin Absorption: Irritation due to defatting of skin.

Eye contact – Irritation.

Ingestion – Possible chemical pneumonitis if aspirated into lungs.

Inhalation – Excessive inhalation of vapors can cause nasal & respiratory irritation, dizziness, weakness, nausea, headache, possible unconsciousness or asphyxiation.

Chronic Effects: Excessive inhalation of hexane may cause nerve damage. Medical conditions generally aggravated by exposure. May aggravate existing eye, skin, or upper respiratory conditions.

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 with soap and water. Remove contaminated clothing and shoes. If irritation develops, seek medical attention immediately.

Ingestion: DO NOT INDUCE VOMITING. Drink large amounts of water. Do not give anything by mouth to an unconscious or convulsing person. Seek medical attention immediately.

Inhalation: Remove to fresh air. Administer artificial respiration if breathing stopped. Seek medical attention immediately.

Eye Contact: Flush eyes 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 130 °F/54°C.

Waste disposal method: DO NOT FLUSH DOWN THE SEWER. Aerosol cans when vented to atmospheric pressure through normal use pose no disposal hazard.

Precautions to be taken if material is spilled or released: Absorb with suitable medium. Incinerate or landfill according to local, state or federal regulations.

Other Precautions: KEEP OUT OF REACH OF CHILDREN. Avoid food contamination. Avoid breathing vapors. Remove ignition sources.

SECTION IX – Special Protection Information / Control Measures

Protective wear: Wear safety goggles and neoprene 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®

24-Hour Emergency No. (U.S.) 1-800-535-5053 (Outside U.S.) 352-323-3500

Questions or Comments 1-800-253-1771