

M A T E R I A L S A F E T Y D A T A S H E E T

24-Hour Emergency #: (U.S.) 1-800-535-5053 / (Outside U.S.) 352-323-3500

SECTION I: Product & Company Identification

Product Name: **Euro Spray™**
 Product Class: Lubricant, Cleaner
 Catalog Number: **31020**
 Distributed by: Athena Champion
 13705 Shoreline Court East
 Earth City, MO 63045
 1.800.253.1771

SECTION II: Health Hazard Information

Routes of Entry: Eye contact, skin contact, ingestion, inhalation

Symptoms of Exposure:

Eye Contact: May cause moderate eye irritation and moderate corneal injury. Vapors may irritate eyes.

Skin Contact: Prolonged contact may cause irritation, defatting of skin

Inhalation: May cause nose and throat irritation. If aspirated (liquid enters lungs), it may be rapidly absorbed through the lungs and result in injury to other body systems. 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

Ingestion: Gastro-intestinal distress

*See Section XI for additional toxicological effects.

NFPA Ratings: Health (2); Flammability (4); Reactivity (0)

SECTION III: Hazardous Components

Component	CAS #	OSHA PEL	ACGIH TLV	Weight %
Hexane**	110-54-3	500 ppm	50 ppm	40 – 50
Mineral Oil	8042-47-5	5 mg/m ³	5 mg/m ³	30 – 40
Liquefied Petroleum Gas (propellant)	68476-85-7	1000 ppm	1000 ppm	20 - 30

**Note: This product contains an ingredient subject to Section 313 of SARA Title III

SECTION IV: First Aid Procedures

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

Eyes: Flush with flowing water immediately and continuously for at least 15 minutes. Consult medical personnel.

Skin: Wash off in flowing water or shower. Remove contaminated clothing and wash before reuse. If irritation persists, call a physician.

Ingestion: Do not induce vomiting. Call a physician immediately.

SECTION V: Fire Fighting Measures

Flash Point	Hexane: <0°F (-18°C) (TCC) Mineral Oil: >265°F (129°C) Liquefied Petroleum Gas: -156°F (-104°C) (est.)
Lower Explosive Limit % by Volume	Hexane: 1.2 Mineral Oil: N/A Liquefied Petroleum Gas: 2.0
Upper Explosive Limit % by Volume	Hexane: 7.5 Mineral Oil: N/A Liquefied Petroleum Gas: 10.0
Extinguishing Media	Carbon dioxide, foam, dry chemical
Auto-Ignition Temperature	Unknown
Special Fire-Fighting Procedures	Water may be used to cool closed containers to prevent pressure buildup and possible bursting when exposed to high temperatures. Firemen should wear self-contained respiratory equipment
Unusual Fire and Explosion Hazards	Extremely flammable. Contents under pressure. Do not use or store near heat or ignition sources. Containers may burst at temperatures above 130°F

SECTION VI: Accidental Release Measures

In the case of a small spill: Remove ignition sources. Mop, wipe, or soak up immediately. Use proper protective equipment.

For large spills: Evacuate area. Remove ignition sources. Contain liquid, transfer to closed containers. Keep out of water supplies.

SECTION VII: Handling and Storage

Contents under pressure. Do not store above 120°F. Avoid breathing vapors. Avoid prolonged or repeated contact with skin. Extremely flammable. Do not use or store near open flame, heat, or any source of ignition. Do not puncture or incinerate. Vapors are heavier than air and will collect in low areas.

SECTION VIII: Personal Protection

Respiratory Protection: NIOSH or Bureau of Mines approved organic vapor type respirator is required in absence of proper environmental control

Ventilation:

Local Exhaust: To keep below TLV

Mechanical (General): To keep below TLV

Special: None

Other: None

Protective Gloves: Solvent-resistant gloves

Eye Protection: Safety glasses or goggles

Other Protective Clothing or Equipment: None reasonably foreseeable

SECTION IX: Physical and Chemical Properties

Boiling Point	Concentrate: 200°F (93°C) Propellant: -16.0°F (-27°C)
Specific Gravity (Water = 1)	Concentrate: 0.7 Propellant: 0.54
Vapor Pressure @ 25°C	Hexane: 140 mmHg Mineral Oil: N/A Liquefied Petroleum Gas: 3691 mmHg
Vapor Density (Air = 1)	>1
Evaporation Rate (BA = 1)	>1
Solubility in Water	Slight
Reactivity in Water	None
Appearance and Odor	Concentrate: Liquid with characteristic odor Propellant: Colorless, odorless gas

SECTION X: Stability and Reactivity

Stability	Stable
Conditions to Avoid	Ignition sources, excessive heat
Materials to Avoid	Nitric plus acetic acids, nitric plus sulfuric acid, amines, strong oxidizing agents
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide
Hazardous Polymerization	Will not occur
Conditions to Avoid	Not applicable

SECTION XI: Toxicological Information

Repeated and prolonged overexposure to solvents may lead to permanent brain and nervous system damage. Eye watering, headache, 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.

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.

Simultaneous exposure to the vapors of n-hexane and methyl ethyl ketone (MEK) or to n-hexane and methyl isobutyl ketone (MIBK) above the recommended workplace limits increase the risk of adverse effects from n-hexane. Evidence

in laboratory animals and humans indicated that in the presence of MEK or MIBK, the neuropathy associated with n-hexane is produced in a shorter period of time or at lower exposure concentrations. There is no reported human evidence that these neurotoxic effects occur when exposure to these chemicals is maintained below established OSHA and ACGIH limits.

Chemical Listed as Carcinogen or Potential Carcinogen:

National Toxicology Program: No

IARC Monographs: No

OSHA: No

SECTION XII: Ecological Information

N/A

SECTION XIII: Disposal Considerations

Dispose in accordance with federal, state, and local regulations. Do not incinerate closed or empty containers.

SECTION XIV: Transport Information

Domestic Ground

Shipping Name: Consumer Commodity

Hazard Class: ORM-D

UN Number: N/A

Packing Group: N/A

Hazard Label: None

Carton Marking: Consumer Commodity, ORM-D

SECTION XV: Regulatory Information

N/A

SECTION XVI: Other Information

None

The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, Athena Champion makes no recommendation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for particular purpose.

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