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Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: ULTRA SLICK SYNTHETIC MULTI-PURPOSE LUBRICANT W/PTFE 11OZ AE
Item No: 81943
Product Type: Aerosol lubricant

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Weight Percent	ACGIH TLV:	OSHA PEL:
HEPTANE 142-82-5	30-60	400 ppm TWA; 500 ppm STEL	500 ppm TWA; 2000 mg/m ³ TWA
ACETONE 67-64-1	10-30	500 ppm TWA; 750 ppm STEL	1000 ppm TWA; 2400 mg/m ³ TWA
PERFORMANCE ADDITIVES NON HAZARDOUS	<10	Not Listed	Not Listed
CARBON DIOXIDE 124-38-9	<5	5000 ppm TWA	5000 ppm TWA
POLYTETRAFLUOROETHYLENE 9002-84-0	1-5	Not Listed	Not Listed
ZINC SALTS 68649-42-3	<1	Not Listed	Not Listed

3. HAZARDS IDENTIFICATION

Toxicity: Aspiration hazard if swallowed. Deliberately concentrating and inhaling the vapor may be harmful or fatal. May cause eye and skin irritation. May cause nose, throat and respiratory irritation.

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

Signs and Symptoms of Exposure: Excessive accidental exposure may cause headache, dizziness, nausea and mild respiratory irritation. Contact with eyes may cause tearing and redness. May cause skin or eye irritation, dermatitis, oil acne, or defatting of skin on prolonged or repeated contact.

Ingredient	Weight Percent	NTP	ACGIH Carcinogens	IARC
ACETONE 67-64-1	10-30	Not known	A4 - Not Classifiable as a Human Carcinogen	Not known
POLYTETRAFLUOROETHYLENE 9002-84-0	1-5			Group 3 Supplement 7, 1987; Monograph 19, 1979

Medical Conditions Recognized as Being Aggravated by Exposure: None known.

4. FIRST AID MEASURES

Ingestion: If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.

Inhalation: Move to fresh air in case of accidental inhalation of vapors. Oxygen or artificial respiration if needed. Obtain medical attention.

Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Flash Point (°F/C): Extremely flammable based on flame projection test

Recommended Extinguishing Media: Water fog, carbon dioxide, foam, dry chemical.

Special Fire-Fighting Procedures: Keep containers cool. Use equipment or shielding required to protect against bursting or venting of containers. Firefighters should wear self-contained breathing apparatus.

Hazardous Products of Combustion: Carbon monoxide, Irritating vapors

5. FIRE FIGHTING MEASURES

Unusual Fire/Explosion Hazards:

Contents under pressure. Do not puncture or incinerate container. Exposure to temperatures over 120 degrees F. may cause bursting or venting. Keep containers cool. Use equipment or shielding to protect personnel from bursting containers.

Lower Explosive Limit:

Heptane: 1.1%

Upper Explosive Limit:

Heptane: 6.7%

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures:

Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.

7. HANDLING AND STORAGE

Storage:

Store away from heat, sparks or open flame. Do not store at temperatures above 120 degrees F.

Exposure to high temperatures may cause container to burst. Do not puncture or burn container..

Handling:

Avoid contact with skin and eyes. Do not puncture or incinerate container. Do not inhale vapors. Do not take internally.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes:

Safety glasses

Skin:

Rubber or plastic gloves.

Ventilation:

General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product.

Respiratory Protection:

An approved respirator (i.e. NIOSH, etc.) should be worn when exposures are expected to exceed the applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

White liquid

Odor:

SOLVENT

Boiling Point:

>90 degrees C

pH:

Does not apply

Solubility in Water:

Nil

Specific Gravity:

0.7-0.8

VOC Content(Wt.%):

49% by weight

Vapor Pressure:

Not Determined

Vapor Density (Air=1):

Not Determined

Evaporation Rate:

>1 (butyl acetate = 1)

10. STABILITY AND REACTIVITY

Chemical Stability:

STABLE

Hazardous Polymerization:

WILL NOT OCCUR

Incompatibilities:

Strong oxidizers

Conditions to Avoid:

Keep away from heat, sparks and open flame.

Hazardous Products of Combustion:

Carbon monoxide, Irritating vapors

11. TOXICOLOGICAL INFORMATION

See Section 3

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal:

Disposal should be made in accordance with federal, state and local regulations. This container may be recycled in aerosol recycling centers. Before offering for recycling, empty the can by using the product according to the label. If recycling is not available, wrap the container and discard in the trash.

US EPA Waste Number:

D001 as per 40CFR 261.21

14. TRANSPORTATION INFORMATION

DOT (49CFR 172)

Product name: ULTRA SLICK SYNTHETIC MULTI-PURPOSE LUBRICANT W/PTFE 11OZ AE

Item No: 81943

Domestic Ground Transport

DOT Shipping Name: CONSUMER COMMODITY
Hazard Class: ORM-D
UN/ID Number: None
Marine Pollutant: None

IATA

Proper Shipping Name: Consumer Commodity (Not more than 1 liter)
Class or Division: Class 9
UN/NA Number: ID 8000

IMDG

Proper Shipping: Aerosols, Limited Quantity
Hazard Class: Class 2.1
UN Number: UN 1950

15. REGULATORY INFORMATION

SARA 313 Chemicals: The following component(s) is listed as a SARA Section 313 Toxic Chemical.

ZINC COMPOUND

CALIFORNIA PROP 65:

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA Inventory Status:

Listed on Inventory: YES All components of this product are listed (or exempt) on the EPA TSCA inventory.

16. OTHER INFORMATION

Estimated NFPA Rating: HEALTH 2, FLAMMABILITY 4, REACTIVITY 0

Estimated HMIS Classification: HEALTH 2, FLAMMABILITY 4, PHYSICAL HAZARD 0

NFPA is a registered trademark of the National Fire Protection Assn.

HMIS is a registered trademark of the National Paint and Coatings Assn.

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