

MATERIAL SAFETY DATA SHEET

Product Identity: **OUTERS LEAD OUT PLUS**
See page 4 for product stock numbers.

Manufactured by: Ammunition Accessories, Inc.
Onalaska Operations
Box 39
Onalaska, WI 54650
Telephone #: (608)781-5800
CHEMTREC #: 1-800-424-9300 **DAY OR NIGHT**

MSDS #:915
Prepared by: RLZ
Date of Preparation: July 1, 2007
Supersedes MSDS Dated: March 1, 2005

SECTION I - PRODUCT INFORMATION

TRADE NAME: Outers Lead Out Plus
CHEMICAL NAME & SYNONYMS: Mixture
C.A.S.REGISTRY #: NA
CHEMICAL FAMILY: Water base organic salt solution
FORMULA: NA
MOLECULAR WEIGHT: NA

SECTION II - HAZARDOUS INGREDIENTS

| <u>INGREDIENT</u> | <u>CAS #</u> | <u>TLV LEVEL/PEL LEVEL</u> |
|-------------------|--------------|----------------------------|
| Lead Acetate | 301-04-2 | .05 mg/m ³ PEL |
| Ammonium Acetate | 631-61-8 | Not Established |

SECTION III - PHYSICAL DATA

| | |
|--|---|
| BOILING POINT (DEG C): >100 | SPECIFIC GRAVITY (60 deg F): 1.015 |
| FREEZING POINT (DEG C): <0 | PERCENT VOLATILE by VOLUME: Approx. 85% |
| VAPOR PRESSURE: Not determined | EVAPORATION RATE(nBuAc): Similar to water |
| pH: 6.82 | VAPOR DENSITY (AIR=1): Not determined |
| VISCOSITY: Not determined | PHYSICAL STATE (60 DEG F): Liquid |
| SOLUBILITY IN WATER: Complete | |
| APPEARANCE & ODOR: Clear, brown liquid with mild vinegar odor. | |

NA = Not Applicable

SECTION IV - FIRE & EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): NA AUTO IGNITION TEMP: NA

FLAMMABLE LIMITS: LEL: NA UEL: NA

EXTINGUISHING MEDIA: Use means suitable to extinguish surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES: Wear full protective clothing including a NIOSH approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

UNUSUAL FIRE & EXPLOSION HAZARDS: This is not considered a fire or explosion hazard.

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: Not determined for mixture. See Sections I & II for component data.

PRIMARY ROUTE OF EXPOSURE: Inhalation & eyes.

EFFECTS OF OVEREXPOSURE (ACUTE):

EYE CONTACT: Can be corrosive to eye tissue, causes damage to eye tissue, causes redness, pain & possible blurred vision. Splash can produce severe eye damage.

SKIN CONTACT: May cause skin irritation, redness and pain.

INHALATION: Sore throat, sneezing and irritation to respiratory tract and difficult breathing.

INGESTION: Can irritate and cause burning to G.I. tract. Nausea, vomiting, metallic taste & diarrhea may occur. Systemic poisoning may occur. Symptoms can be headache & liver damage. Lead acetate is harmful and may be fatal.

EFFECTS OF OVEREXPOSURE (CHRONIC): See acute effects. Anemia, kidney damage, blurred vision, lead build-up in the central nervous system and irritation to mucous membrane.

EMERGENCY AND FIRST AID PROCEDURES:

EYE CONTACT: Flush with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention immediately.

SKIN CONTACT: Remove contaminated clothing. Wash with soap and water. Apply lotion or skin cream. Get medical attention if irritation develops or persists.

INGESTION: If swallowed, induce vomiting immediately by giving 2 glasses of water & stick finger down throat. Call physician immediately. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Call physician immediately.

NOTE TO PHYSICIAN: Solution of Ammonium salts. Can produce severe eye damage!

CARCINOGEN CONTENT

OSHA Yes

IARC Yes

NTP Yes

SECTION VI - REACTIVITY DATA

STABILITY: STABLE UNSTABLE at ambient temperatures

CONDITIONS TO AVOID: Water reactive materials.

INCOMPATIBILITY: Strong oxidizing agents bases and acids.

HAZARDOUS DECOMPOSITION PRODUCTS: Ammonia and oxides of nitrogen. Carbon monoxide and carbon dioxide fumes when heated to decomposition.

HAZARDOUS POLYMERIZATION: MAY OCCUR WILL NOT OCCUR

SECTION VII - SPILL & DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Pick up with absorbent materials and place in a suitable container for reclamation or disposal.

WASTE DISPOSAL METHOD: Disposal must be in accordance with Federal, State, and Local regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

CONSULT SAFETY EQUIPMENT DISTRIBUTOR

RESPIRATORY PROTECTION: If TLV is exceeded for Lead (Pb), a NIOSH approved mist respirator may be used.

VENTILATION: Local exhaust to keep below TLV. Use only in well-ventilated area.

PROTECTIVE GLOVES: Rubber or plastic gloves are recommended.

EYE PROTECTION: Use splash goggles.

OTHER PROTECTIVE EQUIPMENT: Protective apron.

SECTION IX - STORAGE & HANDLING PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep in tightly closed container. Store in cool well ventilated areas. Avoid prolonged freezing. Isolate from incompatible substances.

PRECAUTIONS DURING USE: Keep containers closed. Wash hands before eating, drinking, or smoking after use of any chemical. Wear protective gear. Work in well-ventilated area. Due to potential eye damage, do not wear contact lenses while using this product.

SECTION X - TRANSPORTATION & REGULATORY INFORMATION

PROPER SHIPPING NAME: Toxic, liquids, n.o.s. (Lead acetate solution)

CLASS: 6.1

IDENTIFICATION #: UN 2810

ERG # 55

LABEL: 6.1

There is an exemption that applies to certain consumer products:

DOT PROPER SHIPPING NAME: Consumer Commodity

DOT CLASS: ORM-D

Check the regulations for details for air, international and maritime shipments.

| HMIS Ratings | HMIS RATING KEY | PRODUCT NAME AND SIZE | STOCK NUMBER |
|----------------|-------------------|---|--------------|
| HEALTH 3 | 4 Severe Hazard | Outers Lead Out Plus, 8 fl oz | 47013 |
| FLAMMABILITY 0 | 3 Serious Hazard | Outers Lead Out Plus, 1 qt (32 fl oz) | 47018 |
| REACTIVITY 0 | 2 Moderate Hazard | Outers Lead Out Plus, 1 gal (128 fl oz) | 47019 |
| | 1 Slight Hazard | Outers Lead Out Plus, Canada (236 ml) | 47063 |
| | 0 Minimal Hazard | Outers Lead Out Plus, Canada (946 ml) | 47061 |

SARA TITLE III INFORMATION

| Ingredient | SARA | 302 | SARA | 313 | CERCLA | RECRA | TSCA |
|-------------------------|-----------------------|------------|-------------|-------------------|--------------|----------------|------|
| | RQ | TPQ | List | Chemical Category | | 261.33 | 8(d) |
| Lead Acetate (301-04-2) | No | No | No | Lead compound | 10 | U144 | No |
| | SARA 311/312 : | Acute: Yes | Chronic: No | Fire: No | Pressure: No | Reactivity: No | |

| | | |
|-----------------------------|---|-------------------------------------|
| Ammonium Acetate (631-61-8) | Manufacturer indicates that product is on EPA IRIS Database | TSCA 8(d) Chemical inventory |
|-----------------------------|---|-------------------------------------|

This product is contained in Outers Foul Out III kits, part # 47098 & 47099.

LEAD OUT PLUS was first manufactured in 2000

California law requires the following warning under California Health & Safety Cod SEC. 25249.6:

Warning: lead acetate is known to the state of California to cause cancer. **Warning:** Metallic lead is known to the state of California to cause birth defects or reproductive harm.

For chemical emergency, spill, leak, fire, exposure or accident call:

Inside US: CHEMTREC: 1-800-424-9300 **DAY OR NIGHT**

Outside US: CHEMTREC: 01-703-527-3887 **DAY OR NIGHT**

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