



MATERIAL SAFETY DATA SHEET – ANSI FORMAT

1. IDENTIFICATION OF SUBSTANCE / APPLICATION

APPLICATION: PROTECTIVE TREATMENT OF LEATHER ARTICLES

PRODUCT NAME: TALAS LEATHER PROTECTOR

CAS NUMBER: MIXTURE

EMERGENCY CONTACT: INFOTRAC: 1-800-535-5053 (USA) **(OR YOUR CHOICE)**

2. COMPOSITION:

- A. P-NITROPHENOL, (PRESERVATIVE) CAS # 100-02-7, APPROX. 0.2%
- B. POTASSIUM LACTATE, CAS # 996-31-6, LESS THAN 10%
- C. WATER, CAS # 7732-18-5, MORE THAN 90%

3. HAZARDOUS INGREDIENTS:

MATERIALS: P-NITROPHENOL. OTHER COMPONENTS ARE NON-HAZARDOUS.

NATURE OF HAZARD: TOXIC, HIGHLY IRRITATING (HIGH CONCENTRATIONS ONLY). HAZARD IS MUCH REDUCED AS FORMULATED.

4A. HEALTH HAZARDS (EFFECTS OF OVER-EXPOSURE):

SKIN: PROLONGED OR EXCESSIVE CONTACT MAY BE IRRITATING. PRESERVATIVE IS A SKIN PERMEATOR.

EYES: WILL CAUSE IRRITATION ON DIRECT CONTACT.

INHALATION: : MAY CAUSE RESPIRATORY TRACT IRRITATION. NOT LIKELY UNDER CONDITIONS OF NORMAL USE.

INGESTION: LOW TOXICITY EXPECTED. PRESERVATIVE LD50 IS 250 MG/KG (RAT).MAY CAUSE IRRITATION OF DIGESTIVE TRACT. TOXICOLOGICAL PROPERTIES OF THIS MIXTURE HAVE NOT BEEN FULLY EVALUATED.

4B. FIRST AID MEASURES:

SKIN: WASH WELL WITH MILD SOAP AND WATER. IF IRRITATION DEVELOPS OR PERSISTS GET MEDICAL ATTENTION. LAUNDRY CONTAMINATED CLOTHING BEFORE RE-USE.

EYES: TREAT CONTACT IMMEDIATELY. WASH WELL WITH LARGE AMOUNTS OF COOL WATER FOR 15 MINUTES INCLUDING INNER SURFACE OF EYE LIDS. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

INHALATION: IF AFFECTED, REMOVE TO FRESH AIR. IF IRRITATION PERSISTS OR WORSENS, CONTACT A PHYSICIAN.

INGESTION: : GIVE 2-3 CUPS OF WATER OR MILK TO DRINK. IF SYMPTOMS OR IRRITATION DEVELOPS, CONTACT A PHYSICIAN.



CARCINOGENICITY: NO INGREDIENTS IDENTIFIED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY NTP, IARC OR OSHA.

5. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: MIXTURE IS NOT FLAMMABLE.

FLAMMABLE LIMITS: N/A

FIRE EXTINGUISHING MEDIA: ANY SUITABLE FOR ADJACENT FIRES. WATER SPRAY, FOAM, DRY CHEMICAL, CARBON DIOXIDE.

SPECIAL FIRE FIGHTING PROCEDURES: NONE

UNUSUAL FIRE OR EXPLOSION HAZARD: NONE

6. ACCIDENTAL RELEASE PROCEDURES:

ABSORB LIQUID WITH FLOOR ABSORBENT FOR AQUEOUS MATERIALS. RESIDUES MAY BE RINSED AWAY WITH WATER.

7. HANDLING AND STORAGE (LAB QUANTITIES)

KEEP CONTAINERS WELL CLOSED. STORE IN COOL, DRY, WELL-VENTILATED AREA. FOR LABORATORY OR OFFICE USE ONLY. KEEP OUT OF REACH OF CHILDREN. AVOID HEAT AND DIRECT SUNLIGHT. NORMAL PRECAUTIONS OF LABORATORY GOOD HOUSEKEEPING PRACTICES SHOULD BE FOLLOWED.

8. PERSONAL PROTECTION INFORMATION:

VENTILATION: MECHANICAL (GENERAL) VENTILATION IS ACCEPTABLE

SKIN: NITRILE OR VINYL GLOVES

EYES: SAFETY GLASSES OR SPLASH GOGGLES. DO NOT WEAR CONTACT LENSES WHEN HANDLING CHEMICALS.

RESPIRATORY: NOT NORMALLY REQUIRED. IF SENSITIVITY EXISTS, USE ANSI APPROVED CHEMICAL RESPIRATOR.

OTHER: EYE-WASH STATION.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE: CLEAR, COLORLESS TO SLIGHTLY YELLOWISH LIQUID.

MELTING POINT: NOT DETERMINED. LESS THAN 32 F.

BOILING POINT: APPROX. AS WATER. GREATER THAN 212 F AT 760 MM HG.

VAPOR PRESSURE: (mm Hg): WATER =1. APPROX. 1.

SPECIFIC GRAVITY: (H₂O=1): APPROX. 1.03

VAPOR DENSITY: (AIR = 1) LESS THAN 1 (MAJOR COMPONENT)

WATER SOLUBILITY: COMPLETELY SOLUBLE.

PH OF SOLUTION: 6.5 – 7.5

PERCENT VOLATILE: GREATER THAN 90%

EVAPORATION RATE: AS WATER



10. REACTIVITY DATA:

STABILITY: STABLE

CONDITIONS TO AVOID: EXTREME HEAT

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG BASES, STRONG ACIDS.

HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION CAN LIBERATE IRRITATING VAPORS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

11. TOXICOLOGICAL INFORMATION:

NOT AVAILABLE FOR THIS MIXTURE: LOW TOXICITY AS FORMULATED. PRESERVATIVE LD50 (PURE FORM) IS 250 MG/KG (RAT).

12. ECOLOGICAL INFORMATION:

NO ADVERSE ECOLOGICAL EVENTS ARE EXPECTED FOR THIS MIXTURE AND NONE HAVE BEEN REPORTED.

13. DISPOSAL:

ABSORBED MATERIAL IN CLOSED CONTAINERS IN REGULAR TRASH. LAB QUANTITY RESIDUES MAY BE DILUTED WITH WATER AND RINSED DOWN LAB DRAINS.

14. TRANSPORT DATA:

UN NUMBER: N/A. NOT AS FORMULATED.

CLASS: N/A

PACKING GROUP: N/A

SHIPPING NAME: N/A

MARINE POLLUTANT: N/A

OTHER: NOT REGULATED AS A HAZARD BY U.S. DEPARTMENT OF TRANSPORTATION.

15. REGULATIONS:

LABELLING:

NFPA RATINGS: HEALTH 1, FIRE & EXPLOSION 0, REACTIVITY 0. SPECIAL PROTECTION B.

CAUTION: NONE

BATCH NUMBER REQUIRED: NONE

NATIONAL REGULATIONS:

CALIFORNIA PROPOSITION 65 LIST: NO INGREDIENTS LISTED.

WHMIS (CANADA): PRESERVATIVE (PURE FORM) IS CLASS D-1B (TOXIC) AND CLASS D-2A (OTHER TOXIC EFFECTS).

TSCA: PRESERVATIVE (PURE FORM) IS LISTED ON TSCA 8(B) INVENTORY.

SARA SECTION 313. PRESERVATIVE (PURE FORM) IS LISTED AS TOXIC.

16. OTHER INFORMATION:

The above information is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use or from improper use or handling of the product. Users should make their own investigations to determine the suitability of the information for their particular purposes.

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MSDS prepared for Talas by L.D. Hochhauser, V.P. Product Development, A.D.S. Inc.