

MATERIAL SAFETY DATA SHEET: DEAD SURE AEROSOL (15 OZ)

Section I - General Information

(000000-000000- - 5021)

Date of Issue: 2/21/2002 12:00:00 AM
Chemical Name & Synonyms: N/A
Chemical Family: AQUEOUS PERMETHRIN SOLUTION
Manufacturer Name: CERTIFIED LABS, DIV. OF NCH CORP.
Manufacturer Address: BOX 152170 IRVING, TEXAS 75015
Prepared By: L Boynton/Chemist

Supercedes: 12/16/1999 12:00:00 AM
Trade Name & Synonyms: DEAD SURE AEROSOL (15 OZ)
Formula is a mixture: [v]

Product Code Number: 5021
Emergency Phone Number: 800-424-9300

Section II - Hazardous Ingredients

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

Table with 6 columns: Chemical Name (Ingredients), Hazard, TLV, PEL, STEL, CAS #. Rows include HYDROTREATED LIGHT PETROLEUM DISTILLATE, PROPANE, ISOBUTANE, and \$ OIL MIST VALUES.

Section III - Physical Data

Boiling Point (?F):212?
Vapor Pressure (mm Hg):18
Vapor Density (Air=1):0.6
pH @ 100% :8.0
% Volatile by Volume:>99
H2O Solubility:APPRECIABLE
Specific Gravity (H2O=1):0.97
Color:WHITE
Odor:MILD PETROLEUM
Clarity:OPAQUE
Evaporation Rate (BuAc=1):0.54
Viscosity:SEMI-VISCOUS

Section IV - Fire and Explosion Hazard

Flash Point: NON-FLAM
Method Used: SETAFLASH
Flammable Limits: ISOBUTANE
UEL: 9%
LEL: 1.8%
Aerosol Level (NFPA 30B): 1

Extinguishing Media: [v] Foam, [v] Alcohol Foam, [v] CO2, [v] Dry Chemical, [v] Water Spray, [ ] Other

NFPA 704 Hazard Rating: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Insignificant. Health: 1, Flammability: 1, Instability: 0, Special:

Special Fire Fighting Procedures: FIREFIGHTERS SHOULD WEAR A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. EXTINGUISHING MEDIA SHOULD BE CHOSEN BASED ON THE NATURE OF THE SURROUNDING FIRE.

Unusual Fire and Explosion Hazards: FIRE FIGHTING SHOULD BE DONE FROM UPWIND TO MINIMIZE POSSIBILITY OF EXPOSURE TO PESTICIDE, SMOKE AND FUMES. EVACUATE PEOPLE DOWNWIND AS APPROPRIATE. AEROSOL CANS CAN EXPLODE WHEN HEATED.

Section V - Health and Hazard Data

Threshold Limit Value: NOT ESTABLISHED FOR MIXTURE. SEE SECTION II.

Effects of Overexposure:

Acute: (Short Term Exposure) SKIN CONTACT: MAY CAUSE IRRITATION SEEN AS ITCHING AND REDNESS. EYE CONTACT: MAY CAUSE IRRITATION SEEN AS TEARING AND REDNESS. INHALATION: AT LOW LEVELS, NO HARMFUL EFFECTS ARE EXPECTED. AT HIGH VAPOR CONCENTRATIONS, INHALATION CAUSES HEADACHE, DIZZINESS, SNEEZING, DROWSINESS, WEAKNESS, COUGHING, NAUSEA, PERIPHERAL NUMBNESS, PULMONARY IRRITATION CARDIAC ARRHYTHMIA WITH POSSIBLE ANESTHETIC EFFECTS FROM CENTRAL NERVOUS SYSTEM DEPRESSION (INTOXICATION) AND POSSIBLE DEATH MAY OCCUR.

Chronic: (Long Term Exposure) NO HUMAN CHRONIC EFFECTS KNOWN. MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE ARE PRE-EXISTING RESPIRATORY AND SKIN CONDITIONS SUCH AS ASTHMA, EMPHYSEMA AND DERMATITIS. TARGET ORGANS: NONE KNOWN. THERE IS NO PRIMARY ROUTE OF ENTRY INTO THE BODY. THE PRIMARY ROUTES OF EXPOSURE ARE SKIN AND EYE CONTACT.

Primary Routes of Entry: [ ] Inhalation, [ ] Ingestion, [ ] Absorption

Emergency First Aid Procedures:

Inhalation: REMOVE FROM THE AREA TO FRESH AIR. SEEK MEDICAL ATTENTION IF RESPIRATORY IRRITATION DEVELOPS OR IF BREATHING BECOMES DIFFICULT.

Eye Contact: RINSE THE EYES WITH WATER. REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING WITH PLENTY OF WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

Skin Contact: WASH AFFECTED AREAS WITH PLENTY OF SOAP AND WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

Ingestion: GIVE 3 TO 4 GLASSES OF WATER, BUT DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. GET IMMEDIATE MEDICAL ATTENTION. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON.

Notes to Physician: INGESTION AND SUBSEQUENT VOMITING OF THIS PRODUCT CAN LEAD TO ASPIRATION OF THE PRODUCT INTO THE LUNGS WHICH CAN CAUSE DAMAGE AND MAY BE FATAL. DEPENDING ON THE AMOUNT INGESTED AND RETAINED AS WELL AS THE TOXICITY OF THE PRODUCT, GASTRIC LAVAGE SHOULD BE CONSIDERED. KEEP PATIENT'S HEAD BELOW HIPS TO PREVENT

PULMONARY ASPIRATION. IF COMATOSE, A CUFFED ENDOTRACHEAL TUBE WILL PREVENT ASPIRATION.

**Section VI - Toxicity Information**

Product Contains Chemicals Listed as Carcinogen or Potential Carcinogen By:  IARC  NTP  OSHA  ACGIH  Other

HYDROTREATED LIGHT PETROLEUM DISTILLATES (BASED ON SIMILAR COMPOUNDS)  
 ORL-RAT-LD50: >5000MG/M3 3.  
 SKN-RBT-LD50: >2000MG/M3 3.

PROPANE AND ISOBUTANE MIXTURE  
 NO APPARENT ILL EFFECTS IN BREATHING CONCENTRATIONS OF 5% FOR 2 HOURS. 4.  
 CAUSES DROWSINESS IN SHORT TIME IN CONCENTRATIONS OF 1%. 4.

**Section VII - Reactivity Data**

<b>Stability</b> <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable  <b>Conditions to Avoid:</b> KEEP AWAY FROM EXCESSIVE HEAT, OPEN FLAME AND ANY SOURCE OF IGNITION.	<b>Hazardous Polymerization</b> <input checked="" type="checkbox"/> Will not occur <input type="checkbox"/> May occur  <b>Conditions to Avoid:</b> N/A
--	--

**Incompatibility (Materials to Avoid):**  
 STRONG OXIDIZING AGENTS SUCH AS CHLORINE BLEACH AND CONCENTRATED HYDROGEN PEROXIDE. REDUCING AGENTS SUCH AS ACIDS AND BASES.

**Hazardous Decomposition Products:**  
 OXIDES OF CARBON.

**Section VIII - Spill Or Leak Procedures**

**Steps to be Taken if Material is Released or Spilled:**  
 DUE TO THE NATURE OF THE AEROSOL PACKAGING, A LARGE SPILL IS UNLIKELY. FOR A SMALL SPILL, ABSORB WITH AN INERT MATERIAL AND TRANSFER ALL MATERIAL INTO A PROPERLY LABELED CONTAINER FOR DISPOSAL. WEAR APPROPRIATE PROTECTIVE CLOTHING. PREVENT PRODUCT FROM CONTAMINATING SOIL OR FROM ENTERING SEWAGE AND DRAINAGE SYSTEMS AND BODIES OF WATER.

**Waste Disposal Method(s):**  
 DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

**Neutralizing Agent:**  
 N/A

**Section IX - Special Protection Information**

**Required Ventilation:**  
 LOCAL VENTILATION IS RECOMMENDED TO CONTROL EXPOSURE FROM OPERATIONS THAT CAN GENERATE MISTS OR VAPORS.

**Respiratory Protection:**  
 A NIOSH/MSHA APPROVED RESPIRATOR IN POORLY VENTILATED AREAS AND/OR FOR EXPOSURE ABOVE THE ACGIH TLV OR OSHA PEL OR WHERE MISTING EXISTS.

**Glove Protection:**  
 NEOPRENE OR NITRILE RUBBER GLOVES IF REPEATED OR PROLONGED SKIN CONTACT IS LIKELY.

**Eye Protection:**  
 SAFETY GLASSES WITH SIDE SHIELDS IF THE METHOD OF USE PRESENTS THE LIKELIHOOD OF EYE CONTACT.

**Other Protection:**  
 NONE UNDER NORMAL CONDITIONS OF USE.

**Section X - Storage and Handling Information**

<b>Storage Temperature</b> Max: 120°F Min: 35°F	<b>Storage Conditions</b> <input checked="" type="checkbox"/> Indoors <input type="checkbox"/> Outdoors <input type="checkbox"/> Heated <input type="checkbox"/> Refrigerated
--	--

**Precautions to be Taken in Handling and Storing:**  
 DO NOT ALLOW PESTICIDE TO CONTAMINATE FOOD, FEED, OR NATURAL BODIES OF WATER. USE WITH CAUTION AROUND HEAT, SPARKS, PILOT LIGHTS, STATIC ELECTRICITY AND OPEN FLAME. CONTENTS UNDER PRESSURE.

**Other Precautions:**  
 KEEP OUT OF REACH OF CHILDREN. READ THE ENTIRE LABEL BEFORE USING THE PRODUCT. FOLLOW THE LABEL DIRECTIONS. DO NOT APPLY THIS PRODUCT TO ENERGIZED ELECTRICAL EQUIPMENT.

**Section XI - Regulatory Information**

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Upper % Limit</u>
None.		

Those Ingredients listed above are subject to the reporting requirements of 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

Please call 1-800-527-9919 for additional information if you are a California customer. This MSDS is not intended for users in the state of California.

**Section XII - References**

1. THRESHOLD LIMIT VALUES FOR CHEMICAL SUBSTANCES AND BIOLOGICAL EXPOSURE INDICES, ACGIH, 1999. 2. OSHA PEL. 3. SAX'S DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS, EIGHTH EDITION, RICHARD J. LEWIS, SR. 4. VENDOR'S MSDS. ALL COMPONENTS IN THIS PRODUCT CAN BE FOUND IN THE CURRENT TSCA INVENTORY. IRR:IRRITANT, FLAM/FLAMM:FLAMMABLE, COMB:COMBUSTIBLE, CORR:CORROSIVE CARC:CARCINOGENIC TOX:TOXIC, N/A:NOT APPLICABLE, N/E:NOT ESTABLISHED, COC:CLEVELAND OPEN CUP, PMCC:PENSKY-MARTIN CLOSED CUP, TCC:TAGLIABUE CLOSED CUP, LEL:LOWER EXPLOSION LIMIT, UEL:UPPER EXPLOSION LIMIT, NFPA:NATIONAL FIRE PROTECTION ASSOCIATION, IARC:INTERNATIONAL AGENCY FOR THE RESEARCH ON CANCER, NTP:NATIONAL TOXICOLOGY PROGRAM, OSHA:OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION, ACGIH:AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS, TLV:THRESHOLD LIMIT VALUE, PEL:PERMISSIBLE EXPOSURE LIMIT, STEL:SHORT-TERM EXPOSURE LIMIT, MLD:MILD, MOD:MODERATE, SEV:SEVERE, MUT: MUTAGENIC, ASPHYX:ASPHYXANT, PNO3:PARTICULATES (INSOLUBLE) NOT OTHERWISE SPECIFIED, SDT:STANDARD DRAIZE TEST, ORL:ORAL, IHL:INHALATION, HMN:HUMAN

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE IN LIGHT OF CURRENT FORMULATION. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

CERTIFIED LABS, DIV. OF NCH CORP. assumes no responsibility for personal injury or property damage caused by the use, storage, or disposal of the product in

a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage, or disposal of the product.

©2008 [NCH Corporation](#) All rights reserved.