

MATERIAL SAFETY DATA SHEET: THREAD-EZE AEROSOL

Section I - General Information

(000000-000000- - 5064)

Date of Issue: 4/4/2007 12:00:00 AM
Chemical Name & Synonyms: N/A
Chemical Family: PETROLEUM BLEND
Manufacturer Name: CHEMSEARCH DIV. OF NCH CORP.
Manufacturer Address: BOX 152170 IRVING, TX 75015
Prepared By: M MCDOWELL/CHEMIST

Product Code Number: 5064

Supercedes: 11/27/2001 12:00:00 AM
Trade Name & Synonyms: THREAD-EZE AEROSOL
Formula is a mixture: [V]

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 #. Lists hazardous ingredients like SEVERELY HYDROTREATED HEAVY NAPHTHENIC PETROLEUM DISTILLATES and ALUMINUM FLAKE.

Section III - Physical Data

Boiling Point (°F):>550
Vapor Pressure (mm Hg):1714.8
Vapor Density (Air=1):1.7
pH @ 100% :N/A
% Volatile by Volume:21
H2O Solubility:NEGLIGIBLE
Specific Gravity (H2O=1):1.055
Color:GRAY
Odor:ALCOHOL
Clarity:OPAQUE
Evaporation Rate (BuAc=1):24.8
Viscosity:VISCIOUS

Section IV - Fire and Explosion Hazard

Flash Point: 300°F
Flammable Limits: STODDARD SOLVENT
LEL: 0.6
Method Used: C.O.C.
UEL: 8.0
Aerosol Level (NFPA 30B): 3

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

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

Special Fire Fighting Procedures: FIREFIGHTERS SHOULD WEAR A SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

Unusual Fire and Explosion Hazards: FLAME EXTENSION IS >18 INCHES, BURNBACK IS 3-4 INCHES. ALTHOUGH THE FLASHPOINT OF THE CONCENTRATE IS HIGH, THIS PRODUCT IS CONSIDERED EXTREMELY FLAMMABLE DUE TO ITS FLAME EXTENSION AND BURNBACK.

Section V - Health and Hazard Data

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

Effects of Overexposure:

Acute: (Short Term Exposure)

EYE CONTACT: MAY CAUSE IRRITATION SEEN AS STINGING, TEARING, AND REDNESS. SKIN CONTACT: MAY CAUSE IRRITATION SEEN AS ITCHING AND REDNESS. INHALATION: MAY CAUSE RESPIRATORY IRRITATION SEEN AS COUGHING AND SNEEZING. AT LOW VAPOR CONCENTRATIONS, NO HARMFUL EFFECTS ARE EXPECTED.

Chronic: (Long Term Exposure)

PROLONGED EXPOSURE TO EXCESSIVE AIRBORNE CONCENTRATIONS OF TALC CAN RESULT IN SCARRING OF THE LUNGS(PNEUMOCONIOSIS) OR THE COVERING OF THE LUNGS (PLEURAL THICKENING). PNEUMOCONIOSIS MAY PRODUCE SYMPTOMS OF COUGH OR SHORTNESS OF BREATH. PLEURAL THICKENING USUALLY PRODUCES NO SYMPTOMS.

Primary Routes of Entry

<input checked="" type="checkbox"/> Inhalation	<input type="checkbox"/> Ingestion	<input type="checkbox"/> Absorption
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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:
 WIPE AWAY MATERIAL WITH A CLOTH. WASH WITH SOAP AND WATER. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS. CLEAN CLOTHING AND SHOES.

Ingestion:
 GIVE 3 TO 4 GLASSES OF WATER, BUT DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. SEEK MEDICAL ATTENTION IF DISCOMFORT OCCURS.

Notes to Physician:
 THERE IS NO SPECIFIC ANTIDOTE. TREAT THE PATIENT SYMPTOMATICALLY.

Section VI - Toxicity Information

Product Contains Chemicals Listed as Carcinogen or Potential Carcinogen By:

<input checked="" type="checkbox"/> IARC	<input type="checkbox"/> NTP	<input type="checkbox"/> OSHA	<input type="checkbox"/> ACGIH	<input type="checkbox"/> Other
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SEVERELY HYDROTREATED HEAVY NAPHTHENIC PETROLEUM DISTILLATES
 ORL-RAT LD50: >5 G/KG 4.
 SKN-RBT LD50: >3 G/KG 4.
 SKN-RBT IRRITATION <0.5/8.0; NO APPRECIABLE EFFECT 4.
 EYE-RBT IRRITATION <15/110; NO APPRECIABLE EFFECT 4.

MINERAL OIL MISTS DERIVED FROM HIGHLY REFINED OILS ARE REPORTED TO HAVE LOW ACUTE AND SUB-ACUTE TOXICITIES IN ANIMALS. EFFECTS FROM SINGLE AND SHORT-TERM REPEATED EXPOSURES TO HIGH CONCENTRATIONS WELL ABOVE APPLICABLE WORKPLACE EXPOSURE LEVELS INCLUDE LUNG INFLAMMATORY REACTION, LIPOID GRANULOMA FORMATION, AND LIPOID PNEUMONIA. IN ACUTE AND SUB-ACUTE STUDIES INVOLVING EXPOSURES TO LOWER CONCENTRATIONS AT OR NEAR CURRENT WORK PLACE EXPOSURE LEVELS PRODUCED NO SIGNIFICANT TOXICOLOGICAL EFFECTS. IN LONG TERM STUDIES (UP TO TWO YEARS) NO CARCINOGENIC EFFECTS HAVE BEEN REPORTED IN ANY ANIMAL SPECIES TESTED. THESE PETROLEUM DISTILLATES ARE SEVERELY HYDROTREATED, SEVERELY SOLVENT EXTRACTED, AND/OR PROCESSED BY MILD HYDROTREATMENT AND EXTRACTION. FOR THIS REASON, THEY ARE NOT CLASSIFIED AS CANCER HAZARDS. 4.

ALUMINUM FLAKE
 IHL-RAT TCLo: 206 MG/M3/5H/30D-I 3.
 IHL-HMN TCLo: 4 MG/M3/1Y-I 3.

STODDARD SOLVENT
 ORL-RAT LD50: >5 G/KG 4.
 IHL-RAT LC: >5500 MG/M3/4H 4.
 SKN-RBT LD50: >3 G/KG 4.
 EYE-RBT SDT: 500 MG/24H MOD 4.

ANTHOPHYLLITE (NONASBESTIFORM)
 IHL-RAT TCLo: 11 MG/M3/1Y-I 3.

SERPENTINE (ANTIGORITE, LIZARDITE)
 NO TOXICITY DATA AVAILABLE

TALC
 SKN-HMN-SDT: 300 UG/3D (INTERMITTENT) MILD 3.
 IHL-RAT TCLo: 18 MG/M3/6H/2Y-I 3.

NEW YORK STATE TALC HAS BEEN TESTED AS A WHOLE AND IN PARTS IN SEVERAL ANIMAL STUDIES WITH NO CARCINOGENIC ASSOCIATION DEMONSTRATED. EPIDEMIOLOGIC STUDIES IN HUMANS HAVE BEEN INTERPRETED IN CONFLICTING WAYS WITH NO CLEAR EVIDENCE OF AN INCREASED RISK IN LUNG TUMORS IN ASSOCIATION WITH EXPOSURE. HUMAN, ANIMAL AND IN-VITRO TESTS OF BASIC PRODUCT INGREDIENTS (TALC AND NONASBESTIFORM TREMOLITE) DO NOT SHOW A CARCINOGENIC EFFECT. 4.

TREMOLITE (NONASBESTIFORM)
 NO TOXICITY DATA AVAILABLE

PROPANE
 IHL-LC50 >40% BY VOLUME 4.

N-BUTANE
 IHL-RAT LC50: 658 G/M3/4H 3.

HUMAN VOLUNTEERS EXPOSED REPEATEDLY TO GASES OF SIMILAR HYDROCARON MIXTURES RANGING FROM 250 TO 1000 PPM EXHIBITED NO CARDIAC OR PULMONARY FUNCTION ABNORMALITIES. 4.

Section VII - Reactivity Data

Stability

<input checked="" type="checkbox"/> Stable	<input type="checkbox"/> Unstable
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Conditions to Avoid:
 AVOID HEAT, HOT SURFACES, SPARKS, AND OPEN FLAMES. MAY REACT WITH STRONG ACIDS OR BASES OR WITH STEAM TO PRODUCE HYDROGEN GAS.

Hazardous Polymerization

<input checked="" type="checkbox"/> Will not occur	<input type="checkbox"/> May occur
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Conditions to Avoid:
 N/A

Incompatibility (Materials to Avoid):
 STRONG OXIDIZING AGENTS SUCH AS CHLORINE BLEACH CONCENTRATED HYDROGEN PEROXIDE, PERMANGANATES, AND CICHROMATES; STRONG ACIDS AND BASES; ACETYL GAS, HALOGENATED HYDROCARBONS, AND MAGNESIUM. CONTACT WITH WATER MAY RESULT IN EXOTHERMIC REACTIONS.

Hazardous Decomposition Products:
 OXIDES OF CARBON AND ALUMINUM; ALDEHYDES, KETONES, VARIOUS HYDROCARBON COMPOUNDS, HYDROGEN GAS IN THE PRESENCE OF WATER.

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, VENTILATE THE AREA AND ABSORB WITH AN INERT MATERIAL AND TRANSFER ALL MATERIAL INTO A PROPERLY LABELED CONTAINER FOR DISPOSAL. WEAR APPROPRIATE PROTECTIVE CLOTHING.

Waste Disposal Method(s):
 DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS. TYPICAL DISPOSAL IS TO WRAP THE EMPTY AEROSOL CONTAINER IN SEVERAL LAYERS OF NEWSPAPER AND DISPOSE OF IN THE TRASH. AEROSOL RECYCLING PROGRAMS ARE AVAILABLE IN MANY AREAS. DO NOT PUNCTURE OR INCINERATE THIS CONTAINER.

Neutralizing Agent:
N/A

Section IX - Special Protection Information

Required Ventilation:

LOCAL VENTILATION IS RECOMMENDED TO CONTROL EXPOSURE FROM OPERATIONS THAT CAN GENERATE EXCESSIVE LEVELS OF MISTS. LOCAL VENTILATION IS PREFERRED, BECAUSE IT PREVENTS DISPERSION INTO WORK AREAS BY CONTROLLING IT AT ITS SOURCE.

Respiratory Protection:

NONE REQUIRED UNDER NORMAL CONDITIONS OF USE. RESPIRATORS SHOULD BE SELECTED BY AND USED UNDER THE DIRECTION OF A TRAINED HEALTH AND SAFETY PROFESSIONAL FOLLOWING REQUIREMENTS FOUND IN OSHA'S RESPIRATOR STANDARD (29 CFR 1910.134) AND ANSI'S STANDARD FOR RESPIRATORY PROTECTION (Z88.2-1992). FOR CONCENTRATIONS ABOVE THE TLV AND/OR PEL BUT LESS THAN 10 TIMES THESE LIMITS, A NIOSH APPROVED HALF-FACEPIECE RESPIRATOR EQUIPPED WITH APPROPRIATE CHEMICAL CARTRIDGES MAY BE USED. FOR CONCENTRATIONS GREATER THAN 10 TIMES THE TLV AND/OR PEL, CONSULT THE NIOSH RESPIRATOR DECISION LOGIC FOUND IN PUBLICATION NO. 87-116 OR ANSI Z88.2-1992.

Glove Protection:

NEOPRENE OR NITRILE RUBBER GLOVES IF REPEATED OR PROLONGED SKIN CONTACT IS LIKELY. ENSURE COMPLIANCE WITH OSHA'S PERSONAL PROTECTIVE EQUIPMENT (PPE) STANDARD FOR HAND PROTECTION, 29 CFR 1910.138.

Eye Protection:

SAFETY GLASSES WITH SIDE SHIELDS IF THE METHOD OF APPLICATION PRESENTS THE LIKELIHOOD OF EYE CONTACT. ENSURE COMPLIANCE WITH OSHA'S PERSONAL PROTECTIVE EQUIPMENT (PPE) STANDARD FOR EYE AND FACE PROTECTION, 29 CFR 1910.133.

Other Protection:

WEAR GENERAL-DUTY WORK CLOTHES AND SHOES. REMOVE SOAKED CLOTHING AND SHOES. WASH CLOTHING AND CLEAN SHOES BEFORE REUSE. A SAFETY SHOWER AND AN EYEWASH STATION SHOULD BE AVAILABLE.

Section X - Storage and Handling Information

Storage Temperature
Max: 120°F Min: 50°F

Storage Conditions
 Indoors Outdoors Heated Refrigerated

Precautions to be Taken in Handling and Storing:

USE WITH CAUTION AROUND HEAT, SPARKS, PILOT LIGHTS, STATIC ELECTRICITY, AND OPEN FLAME.

Other Precautions:

KEEP OUT OF REACH OF CHILDREN. READ THE ENTIRE LABEL BEFORE USING THE PRODUCT. FOLLOW THE LABEL DIRECTIONS.

Section XI - Regulatory Information

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Upper % Limit</u>
ALUMINUM FLAKE	7429-90-5	5%

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 PHYSICAL AGENTS AND BIOLOGICAL EXPOSURE INDICES, ACGIH, 2006.
 2. OSHA PEL.
 3. VENDOR'S MSDS.
 4. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES, CCINFOWeb, 2007.
 5. EUROPEAN CHEMICAL SUBSTANCES INFORMATION SYSTEM (ESIS) INTERNATIONAL UNIFORM CHEMICAL INFORMATION DATABASE (IUCLID) CHEMICAL DATA SHEETS.
- ALL THE COMPONENTS OF THIS PRODUCT ARE IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT (TSCA) AND ARE EITHER LISTED ON THE TSCA INVENTORY OR OTHERWISE EXEMPTED FROM LISTING.

IRR: IRRITANT, OSHA: OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION, IARC: INTERNATIONAL AGENCY FOR THE RESEARCH ON CANCER, TOX: TOXIC, NFPA: NATIONAL FIRE PROTECTION ASSOCIATION, PPM: PARTS PER MILLION, UEL: UPPER EXPLOSION LIMIT, STEL: SHORT-TERM EXPOSURE LIMIT, SKN: SKIN, IHL: INHALATION, COMB: COMBUSTIBLE, CORR: CORROSIVE, MUT: MUTAGENIC, CARC: CARCINOGENIC, N/A: NOT APPLICABLE, TLV: THRESHOLD LIMIT VALUE, N/E: NOT ESTABLISHED, ORL: ORAL, FLAM: FLAMMABLE, ASPHYX: ASPHYXIAN, COC: CLEVELAND OPEN CUP, PNOR: PARTICLES NOT OTHERWISE REGULATED, LEL: LOWER EXPLOSION LIMIT, PPOS: PARTICLES NOT OTHERWISE SPECIFIED, PMCC: PENSKY-MARTIN CLOSED CUP, NTP: NATIONAL TOXICOLOGY PROGRAM, TCC: TAGLIABUE CLOSED CUP, SEV: SEVERE, RBT: RABBIT, INV: INTRAVENOUS, ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS, PEL: PERMISSIBLE EXPOSURE LIMIT, MOD: MODERATE, IPT: INTRAPERITONEAL, GM/KG: GRAMS PER KILOGRAM, C.C.C.: CLEVELAND CLOSED CUP, HMN: HUMAN, MG/M3: MILLIGRAMS PER CUBIC METER, MG/KG: MILLIGRAMS PER KILOGRAM, VOC: VOLATILE ORGANIC COMPOUND, SDT: STANDARD DRAIZE TEST, MSE: MOUSE, GPG: GUINEA PIG.

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