### Material Safety Data Sheet: Thread-Eze Aerosol

**Section I - General Information**

<table>
<thead>
<tr>
<th>Date of Issue</th>
<th>Prepared By</th>
<th>Manufacturer Address</th>
<th>Manufacturer Name</th>
<th>Chemical Name &amp; Synonyms</th>
<th>Chemical Family</th>
</tr>
</thead>
<tbody>
<tr>
<td>4/4/2007</td>
<td>M McDowell/Chemist</td>
<td>BOX 152170, IRVING, TX 75015</td>
<td>CHEMSEARCH DIV. OF NCH CORP.</td>
<td>N/A</td>
<td>PETROLEUM BLEND</td>
</tr>
</tbody>
</table>

**Date of Issue:** 11/27/2001 12:01:00 AM  
**Emergency Phone Number:** 800-624-9300

**Section II - Hazardous Ingredients**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazard</th>
<th>TLV</th>
<th>PEL</th>
<th>STEL</th>
<th>CAS #</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEVERELY HYDROTREATED HEAVY NAPHTHENIC PETROLEUM DISTILLATES</td>
<td>IRRITANT</td>
<td>5 MG/M3</td>
<td>5 MG/M3</td>
<td>10 MG/M3</td>
<td>64742-52-5</td>
</tr>
<tr>
<td>ALUMINUM FLAKE</td>
<td>IRRITANT</td>
<td>5 MG/M3</td>
<td>1</td>
<td>15 MG/M3</td>
<td>2</td>
</tr>
<tr>
<td>STODDARD SOLVENT</td>
<td>IRRITANT</td>
<td>100 PPM</td>
<td>1</td>
<td>500 PPM</td>
<td>2</td>
</tr>
<tr>
<td>TALC</td>
<td>IRRITANT</td>
<td>5 MG/M3</td>
<td>1</td>
<td>5 MG/M3</td>
<td>2</td>
</tr>
<tr>
<td>IRON FILLING</td>
<td>IRRITANT</td>
<td>5 MG/M3</td>
<td>1</td>
<td>5 MG/M3</td>
<td>2</td>
</tr>
<tr>
<td>PROPANE</td>
<td>FLAM/ASPHY</td>
<td>1000 PPM</td>
<td>1</td>
<td>1000 PPM</td>
<td>2</td>
</tr>
</tbody>
</table>

**Section III - Physical Data**

<table>
<thead>
<tr>
<th>Boiling Point (°F)</th>
<th>550</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point</td>
<td>300°F</td>
</tr>
<tr>
<td>Flammable Limits:</td>
<td>STODDARD SOLVENT</td>
</tr>
<tr>
<td>LEL:</td>
<td>0.6</td>
</tr>
</tbody>
</table>

**Section IV - Fire and Explosion Hazard**

<table>
<thead>
<tr>
<th>Extinguishing Media</th>
<th>[V]</th>
<th>Foam</th>
<th>[V]</th>
<th>Alcohol Foam</th>
<th>[V]</th>
<th>CO2</th>
</tr>
</thead>
</table>

| [V] | Dry Chemical | [ ] | Water Spray | [ ] | Other |

**NFPA 704 Hazard Rating:**

<table>
<thead>
<tr>
<th>Health</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>4</td>
</tr>
<tr>
<td>Instability</td>
<td>0</td>
</tr>
<tr>
<td>Toxicity</td>
<td>Special</td>
</tr>
</tbody>
</table>

**Section V - Health and Hazard Data**

<table>
<thead>
<tr>
<th>Threshold Limit Value</th>
<th>Not Established for mixture. See Section II.</th>
</tr>
</thead>
</table>

**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. At high vapor concentrations, inhalation may cause central nervous system effects such as headache, dizziness, drowsiness, weakness, unconsciousness. Possible anesthetic effects from central nervous system depression, and may be fatal.

**INGESTION:** May cause irritation with possible nausea, vomiting, and diarrhea.

**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. ON RARE OCCASIONS, PROLONGED AND REPEATED EXPOSURE TO HYDROCARBON MIST POSES A RISK OF CHRONIC LUNG INFLAMMATION. THIS CONDITION IS USUALLY ASYMPTOMATIC AS A RESULT OF REPEATED SMALL ASPIRATIONS. SHORTNESS OF BREATH AND COUGHING ARE THE MOST COMMON SYMPTOMS. ASPIRATION MAY LEAD TO PULMONARY EDEMA AND HEMORRHAGE AND MAY BE FATAL. SIGNS OF LUNG INVOLVEMENT INCLUDE INCREASED RESPIRATION AND HEART RATES AS WELL AS A BLOUS DISCOLORATION OF THE SKIN. INHALATION OF SILICON DIOXIDE CAN CAUSE A PROGRESSIVE LUNG DISEASE KNOWN AS SILICOSIS. STUDIES INDICATE THAT PERSONS DIAGNOSED WITH SILICOSIS HAVE AN INCREASED RISK OF LUNG CANCER. THIS HAZARD WOULD APPLY ONLY IF EXPOSED TO DRIED RESIDUES OR FILMS OF THIS PRODUCT. DUE TO THE USE PATTERN OF THIS PRODUCT, THE LIKELIHOOD OF THIS OCCURRING IS VERY REMOTE. MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE ARE PRE-EXISTING RESPIRATORY AND SKIN CONDITIONS SUCH AS ASTHMA, EMPHYSEMA, Eczema, and obstructive pulmonary disease. TARGET ORGANS: CENTRAL NERVOUS SYSTEM, LUNGS, KIDNEYS, AND SPLEEN. THE PRIMARY ROUTES OF EXPOSURE ARE SKIN AND EYE CONTACT.**
---Primary Routes of Entry---

| [X] Inhalation | [ ] Ingestion | [X] 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:**
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:**

| [ ] IARC | [ ] NTP | [X] OSHA | [ ] ACGIH | [ ] Other |

**Severely Hydrotreated Heavy Naphthenic Petroleum Distillates**

- Orl-Rat LD50: >5 G/KG 4.
- Skn-Rat LD50: >3 G/KG 4.
- Skn-Rat IRRITATION <0.5/6.0; NO APPRECIABLE EFFECT 4.

**Methyl tert-butyl ether (MTBE)**

- Rat LD50: >5500 MG/M3/4H 4.
- Rat TCLo: >11 MG/M3/1Y 4.
- Rat TCLo: 206 MG/M3/5H/30D 4.
- Rat TCLo: 18 MG/M3/6H/2Y 4.
- HMN TCLo: 4 MG/M3/1Y 4.

**Tributyl phosphate**

- Rat LD50: >3 G/KG 4.
- Rat IRRITATION <15/110; NO APPRECIABLE EFFECT 4.
- Rat IRRITATION <0.5/8.0; NO APPRECIABLE EFFECT 4.

**Propylene oxide**

- Rat LD50: >5 G/KG 4.
- Rat IRRITATION <15/110; NO APPRECIABLE EFFECT 4.

---Section VII - Reactivity Data---

**Stability**

| [X] Stable | [ ] Unstable |

**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**

| [X] Will not occur | [ ] May occur |

**Conditions to Avoid:**

N/A

---Incompatibility (Materials to Avoid):---

Strong oxidizing agents such as chlorine bleach concentrated hydrogen peroxide, permanganates, and dichromates; 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.
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:

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:

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
Storage and Handling Information

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

Chemical Name
ALUMINUM FLAKE

CAS Number
7429-90-5

Upper % Limit
5%

Those Ingredients listed above are subject to the reporting requirements 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.
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.

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