MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: TANGLE DUST (Aerosol)  
GENERIC NAME: None  
DISTRIBUTOR: Palmer Company  
1201 Sentry Dr.  
Waukesha, WI 53186  
(414) 547-2246  
MSDS NUMBER: 1010  
DATE ISSUED: May 1, 1991  
EMERGENCY PHONE: (800)255-3924  
MANUFACTURER PHONE: (303) 355-1606  
MANUFACTURER FAX: (303) 331-9197

2. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>CAS NUMBER</th>
<th>%</th>
<th>TLV</th>
<th>PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mineral Oil</td>
<td>8008-20-6</td>
<td>48.9</td>
<td>None</td>
<td>N/D</td>
</tr>
<tr>
<td>Hydrocarbon Solvent</td>
<td>6474-96-4</td>
<td>48.9</td>
<td>None</td>
<td>500 ppm</td>
</tr>
<tr>
<td>(A complex mixture in the C_{11} to C_{15} carbon number range) consisting of:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paraffin, Isoparaffin, Naphthene, Aromatic hydrocarbon</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Propellant: Carbon Dioxide</td>
<td>124-38-9</td>
<td>2.0</td>
<td>None</td>
<td>N/D</td>
</tr>
</tbody>
</table>

Key: N/A = not applicable; N/D = not determined; TLV = ACGIH, 8 hr. time weighted average (TWA); PEL = OSHA permissible exposure limit

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:
This product is a commercial cleaning compound which does not present an unusual risk in an emergency situation. However, your attention is directed to the potential health effects below.

HMIS RATING:  
Health: 0  
Fire: 2  
Reactivity: 0  
Other: 0

POTENTIAL HEALTH EFFECTS:

ROUTES OF ENTRY: Inhalation, Skin, Eye, Ingestion

INHALATION: Excessive Inhalation may cause dizziness, drowsiness, headache, and nausea.

SKIN CONTACT: May cause dermatitis. Prolonged contact may burn skin.

EYE CONTACT: May cause eye irritation.

INGESTION: Moderately toxic if ingested.
3. HAZARDS IDENTIFICATION (Continued)

OTHER: Prolonged exposure to high concentrations may damage central nervous system.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Chronic respiratory and skin diseases.

CARCINOGENICITY: Not listed by NTP or IARC. Not regulated as a carcinogen by OSHA.

4. FIRST AID MEASURES

INHALATION: Move to fresh air which is free from risk of further exposure. Symptomatic treatment if required. If not breathing, administer artificial respiration.

EYE CONTACT: Flush eyes with clean, lukewarm water at low pressure. Seek medical attention if irritation persists.

SKIN CONTACT: Wash exposed areas with soap and water. Seek medical attention if irritation persists.

INGESTION: Do not induce vomiting. Seek medical attention.

5. FIREFIGHTING MEASURES

NFPA RATING: Health: 0  Fire: 2  Reactivity: 0  Other: 0

FLASHPOINT AND METHOD: 201°F at 760 mmHg (Tag closed cup ASTM D56-79)

EXTINGUISHING METHOD: CO₂, foam, dry chemical. Water fog may be used to cool aerosols.

FIRE OR EXPLOSION HAZARDS: Close container may explode with extreme heat.

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus (SCBA). Appropriate protective equipment for combatting hydrocarbon fires.

6. ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Wipe dry or mop with absorbant and discard in a tightly covered waste container.
7. HANDLING AND STORAGE

STORAGE TEMPERATURE: Storage temperature should not exceed 120° F.

SHELF LIFE: Not limited.

SPECIAL SENSITIVITY: None.

HANDLING AND STORAGE PRECAUTIONS: Do not store above 120° F. or with prolonged direct exposure to sunlight. Do not freeze. Do not puncture or incinerate aerosol containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION: Avoid splashing in eyes. Wear goggles or safety glasses with side shields.

SKIN PROTECTION: Optional use of gloves, impervious to oil and solvents.

RESPIRATORY PROTECTION: When over TLV/PEL wear half-face mask with cartridges approved for organic vapors.

ENGINEERING CONTROLS: Maintain sufficient ventilation to assure vapor concentrations remain below TLV/PEL. Use local exhaust if necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM: Liquid.

COLOR: Pale amber.

BOILING POINT: 500° F.

MELT POINT: N/D

FREEZE POINT: N/D

SOLUBILITY IN WATER: Nil

% VOLATILE BY WEIGHT (VOC): 98.0

ODOR: No objectionable odor.

SPECIFIC GRAVITY: 0.8545

BULK DENSITY: N/D

PH: N/D

VAPOR PRESSURE: Less than 1 mm.

VAPOR DENSITY: N/D

10. REACTIVITY

STABILITY: Stable under normal conditions of use.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITIES: Strong oxidizing agents such as nitric acid, hydrogen peroxide, and chromic acid.

DECOMPOSITION PRODUCTS: Carbon monoxide, combustion products of nitrogen and sulfur.

11. TOXICOLOGICAL/ECOLOGICAL INFORMATION

No information available.
12. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Seal and label waste container. Send to approved chemical landfill in compliance with applicable federal, state and local regulations.

13. TRANSPORTATION INFORMATION

DOT SHIPPING NAME: Consumer Commodity
TECHNICAL SHIPPING NAME: None.
DOT HAZARD CLASS: ORM-D

DOT LABEL: Not required.
DOT PLACARD: Not required.
UN/NA NUMBER: UN-1956

14. REGULATORY INFORMATION

OSHA STATUS: This product is regulated under OSHA criteria.
TSCA STATUS: All applicable chemicals are registered under TSCA.
CERCLA REPORTABLE QUANTITY: Not regulated under CERCLA.
CALIFORNIA PROPOSITION 65: Not regulated under California Proposition 65.
SARA TITLE III: Not regulated under SARA TITLE III.

SECTION 302 EXTREMELY HAZARDOUS: N/A
SECTION 311/312 HAZARD CATEGORIES: N/A
SECTION 313 TOXIC CHEMICALS: N/A
RCRA STATUS: Not regulated under RCRA.

15. APPROVALS

REASON FOR ISSUE: Update MSDS
PREPARED BY: CCG, Inc.
APPROVAL DATE: May 1, 1991
SUPERSEDES DATE: January 5, 1990

16. DISCLAIMER

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