I. PRODUCT IDENTIFICATION

Manufacturer: WD-40 Company  
Address: 1061 Cudahy Place (92110)  
P.O. Box 80607  
San Diego, California  
92138-0607  

Telephone:  
Emergency Only: 1 (800) 424-9300 (CHEMTREC)  
Information: (619) 275-1400  
Chemical Name: Organic Mixture  
Trade Name: WD-40 Aerosol  
Item No. 10002, 10005, 10008, 10011, 10013, 10016, 10023

II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>%</th>
<th>Exposure Limit</th>
<th>ACGIH/OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aliphatic Petroleum Distillates</td>
<td>8052-41-3</td>
<td>60-70</td>
<td>100 ppm PEL</td>
<td></td>
</tr>
<tr>
<td>Petroleum Base Oil</td>
<td>64742-65-0</td>
<td>15-25</td>
<td>5 mg/M^3 TWA (mist)</td>
<td></td>
</tr>
<tr>
<td>Carbon Dioxide</td>
<td>124-38-9</td>
<td>2-3</td>
<td>5000 ppm PEL</td>
<td></td>
</tr>
<tr>
<td>Non-hazardous Ingredients</td>
<td></td>
<td>&lt;10</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

III. PHYSICAL DATA

Boiling Point: NA  
Vapor Density (air = 1): Greater than 1  
Solubility in Water: Insoluble  
Specific Gravity (H_2O = 1): 0.816 @ 70°F  
Percent Volatile (volume): 70%  
Evaporation Rate: Not determined  
Vapor Pressure: 110 ±5 PSI @ 70°F  
Appearance: Light amber  
Odor: Characteristic odor

IV. FIRE AND EXPLOSION

Flash Point: Tag Open Cup 110°F (minimum)  
Flammable Limits: (Solvent Portion) [Lel] 1.0% [Uel] 6.0%  
Extinguishing Media: CO_2, Dry Chemical, Foam  
Special Fire Fighting Procedures: Contents Under Pressure  
Unusual Fire and Explosion Hazards: FLAMMABLE – U.F.C. level 3 AEROSOL

V. HEALTH HAZARD / ROUTE(S) OF ENTRY

Threshold Limit Value
Aliphatic Petroleum Distillates (Stoddard solvent) lowest TLV (ACGIH 100 ppm.)  

Symptoms of Overexposure
Inhalation (Breathing): May cause anesthesia, headache, dizziness, nausea and upper respiratory irritation.  
Skin Contact: May cause drying of skin and/or irritation.  
Eye Contact: May cause irritation, tearing and redness.  
Ingestion (Swallowed): May cause irritation, nausea, vomiting and diarrhea.  

First Aid Emergency Procedures
Ingestion (Swallowed): Do not induce vomiting, seek medical attention.  
Eye Contact: Immediately flush eyes with large amounts of water for 15 minutes.  
Skin Contact: Wash with soap and water.  
Inhalation (Breathing): Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult, give oxygen. Pre-existing medical conditions such as eye, skin and respiratory disorders may be aggravated by exposure.  

DANGER!
Aspiration Hazard: If swallowed, can enter lungs and may cause chemical pneumonitis. Do not induce vomiting. Call Physician immediately.  

Suspected Cancer Agent
Yes ______ No x___ The components in this mixture have been found to be noncarcinogenic by NTP, IARC and OSHA.
VI. REACTIVITY DATA

<table>
<thead>
<tr>
<th>Stability:</th>
<th>Stable ☒</th>
<th>Unstable ☐</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conditions to avoid:</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Incompatibility:</td>
<td>Strong oxidizing materials</td>
<td></td>
</tr>
<tr>
<td>Hazardous decomposition products:</td>
<td>Thermal decomposition may yield carbon monoxide and/or carbon dioxide.</td>
<td></td>
</tr>
<tr>
<td>Hazardous polymerization:</td>
<td>May occur ☐</td>
<td>Will not occur ☒</td>
</tr>
</tbody>
</table>

VII. SPILL OR LEAK PROCEDURES

Spill Response Procedures
Spill unlikely from aerosol cans. Leaking cans should be placed in plastic bag or open pail until pressure has dissipated.

Waste Disposal Method
Empty aerosol cans should not be punctured or incinerated; bury in land fill. Liquid should be incinerated or buried in land fill. Dispose of in accordance with local, state and federal regulations.

VIII. SPECIAL HANDLING INFORMATION

<table>
<thead>
<tr>
<th>Ventilation:</th>
<th>Sufficient to keep solvent vapor less than TLV.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respiratory Protection:</td>
<td>Advised when concentrations exceed TLV.</td>
</tr>
<tr>
<td>Protective Gloves:</td>
<td>Advised to prevent possible skin irritation.</td>
</tr>
<tr>
<td>Eye Protection:</td>
<td>Approved eye protection to safeguard against potential eye contact, irritation or injury.</td>
</tr>
<tr>
<td>Other Protective Equipment:</td>
<td>None required.</td>
</tr>
</tbody>
</table>

IX. SPECIAL PRECAUTIONS

Keep from sources of ignition. Avoid excessive inhalation of spray particles, do not take internally. Do not puncture, incinerate or store container above 120°F. Exposure to heat may cause bursting. Keep can away from electrical current or battery terminals. Electrical arcing can cause burn-through (puncture) which may result in flash fire, causing serious injury. Keep from children.

X. TRANSPORTATION DATA (49 CFR 172.101)

**Domestic Surface**
- **Description:** Consumer Commodity
- **Hazard Class:** ORM-D
- **ID No.:** NONE
- **Label Required:** Consumer Commodity (ORM-D)

**Domestic Air**
- **Description:** Consumer Commodity (Non-Flammable Gas – Aerosol)
- **Hazard Class:** ORM-D
- **ID No.:** NONE
- **Label Required:** Consumer Commodity (ORM-D-AIR)

XI. REGULATORY INFORMATION

All ingredients for this product are listed on the TSCA inventory.
- **SARA Title III chemicals:** None
- **California Prop 65 chemicals:** None
- **CERCLA reportable quantity:** None
- **RCRA hazardous waste no.:** D001 (Ignitable)

SIGNATURE: [Signature]
TITLE: Technical Director
REVISION DATE: March 1998
SUPERSEDES: June 1996
NA = Not applicable       NDA = No data available       <= = Less than       >= = More than

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