



Chartwell International, Inc.
Attleboro Falls, MA 02763

Contact: Lawrence B. Cohen
Tel: (508) 695-1690

MATERIAL SAFETY DATA SHEET

Chartwell D-525.3

MSDS	N1																		
<p>I. IDENTIFICATION</p> <p>Product name: Chartwell D-525.3</p> <p>Chemical Class: Physical mixture of stabilized bimetallic precursor and C-10 carboxy functional compounds in dipropylene glycol.</p> <p>CAS Numbers of components:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 60%;">stabilized bimetallic precursor</td> <td style="width: 40%;">proprietary</td> </tr> <tr> <td>dipropylene glycol</td> <td>25265-71-8</td> </tr> <tr> <td>propylene glycol</td> <td>57-55-6</td> </tr> </table>		stabilized bimetallic precursor	proprietary	dipropylene glycol	25265-71-8	propylene glycol	57-55-6												
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<p>IV. FIRE AND EXPLOSION HAZARD DATA</p> <p>Flash point: 260°F (127°C), tag closed cup ASTM D-56</p> <p>OSHA classification: Not regulated</p> <p>Flammable limits in air: (% by volume) Lower: Not determined Upper: Not determined</p> <p>Extinguishing media: All purpose type foams by manufacturer's recommended techniques for large fires. Use CO₂ or dry chemical media for small fires.</p>																			
<p>Special fire fighting procedures Use self-contained breathing apparatus and protective clothing.</p> <p>Unusual fire and explosion hazards: None</p>																			
<p>V. HEALTH HAZARD DATA</p> <p>TLV and Source: See Section III</p> <p>Effects of acute overexposure:</p> <p>Swallowing: Moderately toxic. May cause headache, dizziness, nausea, vomiting, diarrhea, and general weakness. Ingestion of significant quantities may result in red blood cell hemolysis. Repeated ingestion has produced kidney damage in lab animals.</p> <p>Skin absorption Brief contact is not irritating. Prolonged contact, as with clothing wetted with material, may cause defatting of skin or irritation, seen as local redness with possible mild discomfort.</p> <p>Inhalation High concentrations are irritable to the eyes and respiratory tract. May cause headache, dizziness, nausea, vomiting, and malaise.</p> <p>Skin contact Contains material which may cause skin irritation on prolonged or repeated exposure.</p> <p>Eye contact May cause severe irritation and pain, seen as excess tearing with marked excess redness and swelling of the conjunctiva.</p> <p>Effects of repeated overexposure No evidence of adverse effects from available information.</p> <p>Additional toxicity information Animals receiving repeated doses develop hemolytic anemia and secondary injury to liver and kidney.</p> <p>Emergency and First Aid Procedures</p> <p>Swallowing Do not induce vomiting. Seek medical attention.</p>																			

Emergency and First Aid Procedures (con't)

Skin	Remove contaminated clothing. Flush skin with water for 15 minutes.
Inhalation	Remove to fresh air.
Eyes	Immediately flush eyes thoroughly with water and continue washing for several minutes. Obtain medical attention.

VI. REACTIVITY DATA

Stability	Stable
Conditions to avoid	None
Materials to avoid	Strong oxidizing agents, alkalis.
Hazardous decomposition or combustion products	Burning can produce carbon monoxide, carbon dioxide, and hydrochloric acid, H ₂ S, SO _x
Hazardous polymerization	Will not occur.

VII. SPILL OR LEAK PROCEDURE

Steps to be taken if material is released or spilled	Wear suitable protective equipment. Small spills should be flushed with large quantities of water. Large spills should be collected for disposal.
Waste disposal method	Incinerate in a furnace where permitted under appropriate federal, state and local regulations.

VIII. SPECIAL PROTECTION INFORMATION

Respiratory protection	Wear a properly fitted NIOSH/ OSHA approved respirator whenever exposure to vapor or mist is likely and where ventilation is not adequate.
Ventilation	Local exhaust- recommended when appropriate to control employee exposure.
Protective gloves	For operations where contact can occur, wear impervious gloves.
Eye protection	Safety goggles.
Other protective equipment	Chemical apron, eye bath, and safety shower.

IX. SPECIAL PRECAUTIONS

WARNING: Harmful if inhaled or absorbed through skin.

- Causes eye and skin irritation
- Combustible
- Avoid breathing vapor
- Avoid contact with eyes, skin, clothing
- Keep away from heat, flame

GROUND CONTAINERS WHEN TRANSFERRING FROM ONE TO ANOTHER

- Keep container closed
- Use with adequate ventilation
- Wash thoroughly after handling

FOR INDUSTRY USE ONLY

X. SHIPPING DATA

D.O.T. Not regulated

XI. REGULATORY INFORMATION

CERCLA Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities (RQ's) in 40 CFR 302.4.

Components present in this product at a level which could require reporting under the statute are: NONE

SARA Title III

Requires emergency planning based on Threshold Planning Quantities (TPQ's) and release reporting based on reportable quantities (RQ's) in 40 CFR 355 (used for SARA 302, 304, 311, and 312).

Components present in this product at a level which could require reporting under the statute are: NONE

Toxic Substances Control Act (TSCA) Status:

The ingredients of this product are on the TSCA inventory.