
1 Chemical Product and Company Identification

**Dekker Vacuum Technologies, Inc.**
935 South Woodland Avenue
Michigan City, IN 46360-5672
(219)861-0661

Product Trade Name: DURATEX STD 100 - (QT) 5210-0002-000, (GAL) 5210-0010-000, (5 GAL) 5210-0050-000
CAS Number: Not applicable for mixtures.
Synonyms: None.
Generic Chemical Name: Mixture.
Product Type: Multipurpose.

2 Hazards Identification

**Appearance**: Clear to yellow liquid.
**Odor**: Mild
**Principal Hazards**: This material has no known health hazards.

See Section 11 for complete health hazard information.

3 Composition/Information on Ingredients

**Hazardous Ingredients**: This material has no known hazards under applicable laws.

4 First Aid Measures

**Eyes**: Flush with water at least 30 minutes. Get medical attention if eye irritation develops or persists.
**Skin**: Wash with soap and water. Get medical attention if irritation develops. Launder contaminated clothing before reuse.
**Inhalation**: Remove exposed person to fresh air if adverse effects are observed.
**Oral**: DO NOT INDUCE VOMITING. Get immediate medical attention.
**Additional Information**: Note to physician: Treat symptomatically.

5 Fire Fighting Measures

**Flash Point**: 251 °C, 485.1 °F ASTM D 92 (Typical)
**Extinguishing Media**: CO2, dry chemical, or foam. Water can be used to cool and protect exposed material.
**Firefighting Procedures**: Recommend wearing self-contained breathing apparatus.
**Unusual Fire & Explosion Hazards**: See section 10 for additional information.

6 Accidental Release Measures

**Spill Procedures**: Personal Protective Equipment must be worn, see Personal Protection Section for PPE recommendations. Ventilate area if spilled in confined space or other poorly ventilated areas. Prevent entry into sewers and waterways. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material.

7 Handling and Storage

**Pumping Temperature**: Not determined.
**Maximum Handling Temperature**: Not determined.
**Handling Procedures**: Keep containers closed when not in use. Wash thoroughly after handling. Launder contaminated clothing before reuse. Empty container contains product residue which may exhibit hazards of product. Dispose of packaging or containers in accordance with local, regional, national and international regulations.
**Maximum Storage Temperature**: Not determined.
**Storage Procedures**: See section 10 for incompatible materials.
**Maximum Loading Temperature**: Not determined.

8 Exposure Controls/Personal Protection

**Exposure Limits**: None established
Other Exposure Limits
Contains mineral oil. Under conditions which may generate mists, observe the OSHA PEL of 5 mg per cubic meter, ACGIH TWA of 5 mg per cubic meter.

Engineering Controls
Use with adequate ventilation.

Gloves Procedures
Nitrile.

Eye Protection
Safety Glasses.

Respiratory Protection
Use NIOSH/MSHA approved respirator with a combination organic vapor and high efficiency filter cartridge if recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.

Clothing Recommendation
Long sleeve shirt is recommended. Launder contaminated clothing before reuse.

<table>
<thead>
<tr>
<th>9</th>
<th>Physical and Chemical Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point</td>
<td>251 °C, 485.1 °F ASTM D 92 (Typical)</td>
</tr>
<tr>
<td>Upper Flammable Limit</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Lower Flammable Limit</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Autoignition Point</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Explosion Data</td>
<td>Material does not have explosive properties.</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not determined.</td>
</tr>
<tr>
<td>pH</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.87 (20 °C)</td>
</tr>
<tr>
<td>Bulk Density</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Insoluble.</td>
</tr>
<tr>
<td>Percent Solid</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Percent Volatile</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Volatile Organic Compound</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Odor</td>
<td>Mild</td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear to yellow liquid.</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Pour Point Temperature</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Melting / Freezing Point</td>
<td>Not determined</td>
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</tbody>
</table>

The above data are typical values and do not constitute a specification. Vapor pressure data are calculated unless otherwise noted.

<table>
<thead>
<tr>
<th>10</th>
<th>Stability and Reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Material is normally stable at moderately elevated temperatures and pressures.</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Incompatibility</td>
<td>Oxidizing agents.</td>
</tr>
<tr>
<td>Polymerization</td>
<td>Will not occur.</td>
</tr>
<tr>
<td>Thermal Decomposition</td>
<td>Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion.</td>
</tr>
<tr>
<td>Conditions to Avoid</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

| 11 | Toxicological Information |

-- ACUTE EXPOSURE --

Eye Irritation
Not expected to cause eye irritation. Based on data from components or similar materials.

Skin Irritation
Not expected to be a primary skin irritant. Based on data from components or similar materials. Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis. Symptoms may include redness, edema, drying, and cracking of the skin.

Respiratory Irritation
If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract. Based on data from components or similar materials.

Dermal Toxicity
The LD50 in rabbits is > 2000 mg/Kg. Based on data from components or similar materials.

Inhalation Toxicity
No data available to indicate product or components may be a toxic inhalation hazard.

Oral Toxicity
The LD50 in rats is > 10,000 mg/Kg. Based on data from components or similar materials.

Dermal Sensitization
No data available to indicate product or components may be a skin sensitizer.

Inhalation Sensitization
No data available to indicate product or components may be respiratory sensitzers.
-- CHRONIC EXPOSURE --

Chronic Toxicity  
No data available to indicate product or components present at greater than 1% are chronic health hazards.

Carcinogenicity  
This product contains mineral oils which are considered to be severely refined and not considered to be carcinogenic under IARC. All of the oils in this product have been demonstrated to contain less than 3% extractables by the IP 346 test.

Mutagenicity  
No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Reproductive Toxicity  
No data available to indicate either product or components present at greater than 0.1% that may cause reproductive toxicity.

Teratogenicity  
No data available to indicate product or any components contained at greater than 0.1% may cause birth defects.

-- ADDITIONAL INFORMATION --

Other  
No other health hazards known.

12  
Ecological Information

-- ENVIRONMENTAL TOXICITY --

Freshwater Fish Toxicity  
The acute LC50 is 100 - 1000 mg/L based on component data.

Freshwater Invertebrates Toxicity  
The acute EC50 is 100 - 1000 mg/L based on component data. Chronic effects expected at 10 - 100 mg/L based on component data.

Algal Inhibition  
The acute EC50 is 100 - 1000 mg/L based on component data.

Saltwater Fish Toxicity  
Not determined.

Saltwater Invertebrates Toxicity  
Not determined.

Bacteria Toxicity  
Not determined.

Miscellaneous Toxicity  
Not determined.

-- ENVIRONMENTAL FATE --

Biodegradation  
At least 25% of the components in this product show moderate biodegradation based on OECD 301-type test data.

Bioaccumulation  
Less than 1.0% of the components potentially bioconcentrate, based on octanol/water coefficients.

Soil Mobility  
Not determined.

13  
Disposal Considerations

Waste Disposal  
This material, if discarded, is not a hazardous waste under RCRA Regulation 40 CFR 261. Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

14  
Transport Information

ICAO/IATA I  
Not regulated.

ICAO/IATA II  
Not regulated.

IMDG  
Not regulated.

IMDG EMS Fire  
Not applicable.

IMDG EMS Spill  
Not applicable.

IMDG MFAG  
Not applicable.

MARPOL Annex II  
Not determined.

USCG Compatibility  
Not determined.

U.S. DOT Bulk  
Not regulated.

DOT NAERG  
Not applicable.

U.S. DOT (Intermediate)  
Not regulated.

U.S. DOT Intermediate NAERG  
Not applicable.

U.S. DOT Non-Bulk  
Not regulated.

U.S. DOT Non-Bulk NAERG  
Not applicable.

Canada  
Not regulated.

Mexico  
Not regulated.

Bulk Quantity  
85000 KG, 187391 lbs.

Intermediate Quantity  
11000 KG, 24251 lbs.

Non-Bulk Quantity  
400 KG, 882 lbs.

Review classification requirements before shipping materials at elevated temperatures.

15  
Regulatory Information

-- Global Chemical Inventories --

USA  
All components of this material are on the US TSCA Inventory or are exempt.
SAFETY DATA SHEET DURATEX STD 100

SAFETY DATA SHEET

Other TSCA Reg.
None known.

Japan
All components are in compliance with the Chemical Substances Control Law of Japan.

Australia
All components are in compliance with chemical notification requirements in Australia.

New Zealand
All components are in compliance with chemical notification requirements in New Zealand.

Canada
All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List.

Switzerland
All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland.

Korea
All components are in compliance in Korea.

Philippines
All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A. 6969).

China
All components of this product are listed on the Inventory of Existing Chemical Substances in China.

Taiwan
All components of this product are listed on the Taiwan inventory.

-- Other U.S. Federal Regulations --

This product does not contain greater than 1.0% of any chemical substance on the SARA Extremely Hazardous Substances list.

SARA Section 313
This product does not contain greater than 1.0% (greater than 0.1% for carcinogenic substance) of any chemical substances listed under SARA Section 313.

CERCLA Hazardous Substances
None known.

-- State Regulations --

Cal. Prop. 65
This product does not intentionally contain any chemicals known by the State of California to cause cancer and/or birth defects. Moreover, we do not routinely analyze its products for impurities which may be such chemicals.

-- Product Registrations --

U.S. Fuel Registration
Not applicable.

SARA 311 Classifications

<table>
<thead>
<tr>
<th>Health</th>
<th>Fire</th>
<th>Reactivity</th>
<th>Special</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>N/E</td>
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</tbody>
</table>

-- Other / International --

Finnish Registration Number
Not Registered

Swedish Registration Number
Not Registered

Norwegian Registration Number
Not Registered

Danish Registration Number
Not Registered

Swiss Registration Number
Not Registered

Italian Registration Number
Not Registered

Miscellaneous Regulatory Information
Not determined.

<table>
<thead>
<tr>
<th>US NFPA Codes</th>
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<tbody>
<tr>
<td>Health</td>
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<tr>
<td>--------</td>
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<tr>
<td>0</td>
</tr>
</tbody>
</table>

(N/E) - None established

<table>
<thead>
<tr>
<th>HMIS Codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
</tr>
<tr>
<td>--------</td>
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<tr>
<td>0</td>
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</tbody>
</table>

Precautionary Labels
This material has no known health hazards.

Revision Indicators
Section: 11 Respiratory irritation. 2 Jul 2013
Section: 12 Accumulation. 2 Jul 2013
Section: 12 Freshwater invertebrate toxicity. 2 Jul 2013
All: Reformat to SDS Requirements 6 May 2015
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