

# Material Safety Data Sheet

## Section 1. Chemical Product and Company Identification

<b>Product Name</b>	<b>DURATEC L 30</b>	<b>MSDS#</b>	000000668
		<b>Historic MSDS#:</b>	None.
<b>Manufacturer</b>	Castrol North America Inc. 1500 Valley Road Wayne, NJ 07474 Telephone: (973) 633-2200 Telecopier: (973) 633-7475		
	Castrol Canada Inc. 3660 Lakeshore Blvd. Toronto, Ontario M8W 1P2 Telephone: (416) 252-5511 Telecopier: (416) 252-1774		
<b>Supplier</b>	Castrol North America Inc. 1500 Valley Road Wayne, NJ 07474 Telephone: (973) 633-2200 Telecopier: (973) 633-7475		
	Castrol Canada Inc. 3660 Lakeshore Blvd. Toronto, Ontario M8W 1P2 Telephone: (416) 252-5511 Telecopier: (416) 252-1774		
<b>EMERGENCY HEALTH INFORMATION:</b>	1 (800) 447-8735		
<b>EMERGENCY SPILL INFORMATION:</b>	1 (800) 424-9300 CHEMTREC (USA)		
<b>OTHER PRODUCT INFORMATION</b>	1 (866) 427-6737 (Toll Free - North America)		

## Section 2. Composition, Information on Ingredients

<b>Name</b>	<b>CAS #</b>	<b>% by Weight</b>	<b>Exposure Limits</b>
1) DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC	64742-65-0	80 - 100	<b>ACGIH (United States).</b> TWA: 5 mg/m <sup>3</sup> Form: OIL MIST, MINERAL STEL: 10 mg/m <sup>3</sup> Form: OIL MIST, MINERAL
OR			<b>OSHA (United States).</b> PEL: 5 mg/m <sup>3</sup> Period: 8 hour(s). Form: OIL MIST, MINERAL
2) DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC	64742-54-7	80 - 100	<b>ACGIH (United States).</b> TWA: 5 mg/m <sup>3</sup> Form: OIL MIST, MINERAL STEL: 10 mg/m <sup>3</sup> Form: OIL MIST, MINERAL
			<b>OSHA (United States).</b> PEL: 5 mg/m <sup>3</sup> Period: 8 hour(s). Form: OIL MIST, MINERAL

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**Section 3. Hazards Identification**

<b>Physical state</b>	Liquid.
<b>Color</b>	Amber.
<b>Emergency Overview</b>	This product has been evaluated and does not require any hazard warning on the label under established regulatory criteria. Prolonged or repeated contact can defat the skin and lead to irritation and/or dermatitis.

**POTENTIAL HEALTH EFFECTS**

<i>Eyes</i>	No significant health hazards identified.
<i>Skin</i>	Prolonged or repeated contact can defat the skin and lead to irritation and/or dermatitis.
<i>Inhalation</i>	Mist: May cause respiratory tract irritation.
<i>Ingestion</i>	Causes gastrointestinal irritation and diarrhea.

See Toxicological Information (section 11)

**Section 4. First Aid Measures**

<b>Eye Contact</b>	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
<b>Skin Contact</b>	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if irritation develops.
<b>Inhalation</b>	If inhaled, remove to fresh air. Get medical attention if symptoms appear.
<b>Ingestion</b>	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.

**Section 5. Fire Fighting Measures**

<b>Flammability of the Product</b>	May be combustible at high temperature.
<b>Autoignition Temperature</b>	Not available.
<b>Flash Points</b>	OPEN CUP: 200°C (392°F).
<b>Flammable Limits</b>	Not available.
<b>Products of Combustion</b>	carbon oxides (CO, CO <sub>2</sub> ), nitrogen oxides (NO, NO <sub>2</sub> ...), other hazardous substances.
<b>Unusual fire/explosion hazards</b>	None identified. This material is not explosive as defined by established regulatory criteria.
<b>Fire Fighting Media and Instructions</b>	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
<b>Protective Clothing (Fire)</b>	Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

**Section 6. Accidental Release Measures**

<b>Large Spill and Leak</b>	If emergency personnel are unavailable vacuum or carefully scoop up spilled materials and place in an appropriate container for disposal by incineration. For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid-proof container. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal. Minimize contact of spilled material with soils to prevent runoff to surface waterways.
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**Section 7. Handling and Storage**

<b>Handling</b>	Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.
<b>Storage</b>	Keep container tightly closed. Keep container in a cool, well-ventilated area.  Empty containers may contain harmful, flammable/combustible or explosive residue or vapors. Do not cut, grind, drill, weld, reuse or dispose of containers unless adequate precautions are taken against these hazards.

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### Section 8. Exposure Controls, Personal Protection

**Engineering Controls** Use only in well-ventilated areas. Ensure that eyewash stations and safety showers are proximal to the work-station location.

#### Personal Protection

**Eyes** Safety glasses with side shields.

**Skin and Body** Avoid prolonged or repeated contact with skin. Wear protective clothing if prolonged or repeated contact is likely.

**Respiratory** None required; however, use of adequate ventilation is good industrial practice.

**Hands** Wear protective gloves if prolonged or repeated contact is likely.

#### Chemical name

#### Exposure Limits

1) DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC

##### ACGIH (United States).

TWA: 5 mg/m<sup>3</sup> Form: OIL MIST, MINERAL

STEL: 10 mg/m<sup>3</sup> Form: OIL MIST, MINERAL

##### OSHA (United States).

PEL: 5 mg/m<sup>3</sup> Period: 8 hour(s). Form: OIL MIST, MINERAL

2) DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC

##### ACGIH (United States).

TWA: 5 mg/m<sup>3</sup> Form: OIL MIST, MINERAL

STEL: 10 mg/m<sup>3</sup> Form: OIL MIST, MINERAL

##### OSHA (United States).

PEL: 5 mg/m<sup>3</sup> Period: 8 hour(s). Form: OIL MIST, MINERAL

Consult local authorities for acceptable exposure limits.

### Section 9. Physical and Chemical Properties

<b>Physical state</b>	Liquid.	<b>Odor</b>	Slight
<b>pH</b>	Not applicable.	<b>Color</b>	Amber.
<b>Boiling/Condensation Point</b>	Not available.		
<b>Melting/Freezing Point</b>	Not available.		
<b>Pour Point</b>	- 18		
<b>Specific Gravity</b>	Not available.		
<b>Vapor Pressure</b>	Not available.		
<b>Vapor Density</b>	Not available.		
<b>Odor Threshold</b>	Not available.		
<b>Evaporation Rate</b>	Not available.		
<b>Viscosity</b>	10 - 11 cSt at 100°C		
<b>LogK<sub>ow</sub></b>	Not available.		
<b>Solubility</b>	Insoluble in cold water.		

### Section 10. Stability and Reactivity

<b>Stability and Reactivity</b>	The product is stable.
<b>Conditions to avoid</b>	Keep away from sources of ignition.
<b>Incompatibility with Various Substances</b>	Strong oxidizing materials
<b>Hazardous Decomposition Products</b>	Hazardous Decomposition Products: carbon oxides (CO, CO <sub>2</sub> ), nitrogen oxides (NO, NO <sub>2</sub> ...), other hazardous substances.
<b>Hazardous Polymerization</b>	Will not occur.

**Section 11. Toxicological Information**

<b>Acute toxicity</b>	Acute oral toxicity (LD50): None available. Acute toxicity of the vapor (LC50): None available. Acute dermal toxicity (LD50): None available.
<b>Chronic toxicity</b>	CARCINOGENIC EFFECTS: No component of this product at levels greater than 0.1% is identified as a carcinogen by ACGIH or the International Agency for Research on Cancer (IARC). No component of this product present at levels greater than 0.1% is identified as a carcinogen by the U.S. National Toxicology Program (NTP) or the U.S. Occupational Safety and Health Act (OSHA).  MUTAGENIC EFFECTS: No component of this product at levels greater than 0.1% is classified by established regulatory criteria as a mutagen.  TERATOGENIC EFFECTS/DEVELOPMENTAL TOXICITY: No component of this product at levels greater than 0.1% is classified by established regulatory criteria as teratogenic or embryotoxic.  REPRODUCTION TOXICITY: No component of this product at levels greater than 0.1% is classified by established regulatory criteria as a reproductive toxin.
<b>Other information</b>	Prolonged or repeated contact can defat the skin and lead to irritation and/or dermatitis.

**Section 12. Ecological Information**

<b>Ecotoxicity</b>	Ecological testing has not been conducted on this product.
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**Section 13. Disposal Considerations**

<b>Waste Information</b>	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
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**Consult your local or regional authorities.**

**Section 14. Transport Information**

<b>DOT Classification</b>	Not regulated.
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Not regulated.

<b>Marine Pollutant</b>	Not available.
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<b>Special Provisions for Transport</b>	None identified.
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**ADR/RID Classification**

<b>UN number</b>	Not applicable.
<b>Proper shipping name</b>	Not regulated.
<b>ADR/RID Class</b>	Not applicable.
<b>Packing Group</b>	Not applicable.

**IMO/IMDG Classification**

<b>Proper shipping name</b>	Not regulated.
<b>IMDG Class</b>	Not applicable.
<b>UN number</b>	Not applicable.
<b>Packing Group</b>	Not applicable.
<b>Marine Pollutant</b>	Not applicable.

**ICAO/IATA Classification**

<b>Proper shipping name</b>	Not regulated.
<b>IATA Class</b>	Not applicable.
<b>UN number</b>	Not applicable.
<b>Packing Group</b>	Not applicable.

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**Section 15. Regulatory Information**

**U.S. Regulations**

US INVENTORY (TSCA): Listed on inventory.  
 SARA Title III Section 302 Extremely Hazardous Substances (40 CFR Part 355):: This product is not regulated under Section 302 of SARA and 40 CFR Part 355.  
 SARA Title III Sections 311/312 Hazardous Categorization (40 CFR Part 370):: Defined as non-hazardous by OSHA under 29 CFR 1910.1200(d).  
 SARA 313 toxic chemical notification and release reporting: No products were found.  
 CERCLA Sections 102a/103 Hazardous Substances (40 CFR Part 302.4):: This material is not regulated under CERCLA Sections 103 and 107.

**State Regulations**

No products were found.  
 California prop. 65: No products were found.

**Other Regulations**

AUSTRALIAN INVENTORY (AICS): Not determined.  
 CANADA INVENTORY (DSL): Listed on inventory.  
 CHINA INVENTORY (IECS): Not determined.  
 EC INVENTORY (EINECS/ELINCS): Not determined.  
 JAPAN INVENTORY (ENCS): Not determined.  
 KOREA INVENTORY (ECL): Not determined.  
 PHILIPPINE INVENTORY (PICCS): Not determined.

**Section 16. Other Information**

**Label Requirements**

This product has been evaluated and does not require any hazard warning on the label under established regulatory criteria.  
 Prolonged or repeated contact can defat the skin and lead to irritation and/or dermatitis.

**Hazardous Material Information System (U.S.A.)**

Health	0
Fire Hazard	1
Reactivity	0

**National Fire Protection Association (U.S.A.)**



**HISTORY**

**Date of issue** 2/21/2002.  
**Version** 1  
**Prepared by** Product Stewardship

**Notice to Reader**

*NOTICE : This Material Safety Data Sheet is based upon data considered to be accurate at the time of its preparation. Despite our efforts, it may not be up to date or applicable to the circumstances of any particular case. We are not responsible for any damage or injury resulting from abnormal use, from any failure to follow appropriate practices or from hazards inherent in the nature of the product. This Material Safety Data Sheet conforms to the requirements of ANSI Z400.1.*