



Material Safety Data Sheet

Section 1. Chemical Product and Company Identification

Product Name	DIESELALL PLUS SAE 40	MSDS#	000000909
		Historic MSDS#:	None.
Supplier	Castrol Offshore Division of Castrol North America 200 Westlake Blvd. Houston, Texas 77079 Tel: 800-339-7157		
EMERGENCY HEALTH INFORMATION:	1 (800) 447-8735		
EMERGENCY SPILL INFORMATION:	1 (800) 424-9300 CHEMTREC (USA)		
OTHER PRODUCT INFORMATION	1 (866) 4 BP - MSDS (866-427-6737 Toll Free - North America) email: bpcares@bp.com		

Section 2. Composition, Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC	64742-54-7	>85	ACGIH (United States). TWA: 5 mg/m ³ Form: OIL MIST, MINERAL STEL: 10 mg/m ³ Form: OIL MIST, MINERAL OSHA (United States). PEL: 5 mg/m ³ Period: 8 hour(s). Form: OIL MIST, MINERAL
ZINC COMPOUNDS		1-5	None assigned.

Section 3. Hazards Identification

Physical state	Oily liquid.
Color	Clear. Dark Amber.
Emergency Overview	WARNING! CAUSES EYE IRRITATION. Avoid contact with eyes. Wash thoroughly after handling. Prolonged or repeated contact can defat the skin and lead to irritation and/or dermatitis.
POTENTIAL HEALTH EFFECTS	
<i>Eyes</i>	Causes eye irritation.
<i>Skin</i>	Prolonged or repeated contact can defat the skin and lead to irritation and/or dermatitis. Used engine oil may contain hazardous components which have the potential to cause skin cancer.
<i>Inhalation</i>	Mist: May cause respiratory tract irritation.
<i>Ingestion</i>	Causes gastrointestinal irritation and diarrhea.

See Toxicological Information (section 11)

Continued on Next Page

Section 4. First Aid Measures

Eye Contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
Skin Contact	Immediately wash exposed skin with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if irritation occurs.
Inhalation	If inhaled, remove to fresh air. Get medical attention if symptoms appear.
Ingestion	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

Flammability of the Product	May be combustible at high temperature.
Autoignition Temperature	Not available.
Flash Points	OPEN CUP: 227°C (440.6°F).
Flammable Limits	Not available.
Products of Combustion	carbon oxides (CO, CO ₂), sulfur oxides (SO ₂ , SO ₃ ...)
Unusual fire/explosion hazards	None identified. This material is not explosive as defined by established regulatory criteria.
Fire Fighting Media and Instructions	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
Protective Clothing (Fire)	Firefighters should wear full bunker gear, including a positive pressure self-contained breathing apparatus.

Section 6. Accidental Release Measures

Large Spill and Leak	Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment (Section 8). Follow all fire fighting procedures (Section 5). If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) and use a non-sparking or explosion proof means to transfer material to a sealed, appropriate container for disposal. 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

Handling	Avoid contact with eyes. Wash thoroughly after handling. Avoid breathing vapor or mist. Avoid prolonged or repeated contact with skin. Wear protective clothing if prolonged or repeated contact is likely.
Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8. Exposure Controls, Personal Protection

Engineering Controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are proximal to the work-station location.
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Personal Protection

Eyes	Avoid contact with eyes. Chemical splash goggles.
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. If ventilation is inadequate, use a NIOSH certified respirator with an organic vapor cartridge and P95 particulate filter.
Hands	Wear protective gloves if prolonged or repeated contact is likely.

Chemical name

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC

Exposure Limits**ACGIH (United States).**TWA: 5 mg/m³ Form: OIL MIST, MINERALSTEL: 10 mg/m³ Form: OIL MIST, MINERAL**OSHA (United States).**PEL: 5 mg/m³ Period: 8 hour(s). Form: OIL MIST, MINERAL

ZINC COMPOUNDS

None assigned.

Consult local authorities for acceptable exposure limits.**Continued on Next Page**

Section 9. Physical and Chemical Properties

Physical state	Oily liquid.	Odor	Slight
pH	Not applicable.	Color	Clear. Dark Amber.
Boiling/Condensation Point	Not available.		
Melting/Freezing Point	Not available.		
Pour Point	-29 C (-20 F)		
Specific Gravity	<1 (Water = 1)		
Vapor Pressure	Not available.		
Vapor Density	>1 (Air = 1)		
Odor Threshold	Not available.		
Evaporation Rate	<1 compared to Butyl acetate.		
Viscosity	Kinematic (40C): 163 cSt		
LogK_{ow}	Not available.		
Solubility	Insoluble in cold water.		

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Conditions to avoid	Keep away from heat, sparks and flame. Keep away from sources of ignition.
Incompatibility with Various Substances	Strong oxidizing materials, strong acids, strong alkalis.
Hazardous Decomposition Products	Products of Combustion: carbon oxides (CO, CO ₂), sulfur oxides (SO ₂ , SO ₃ ...)
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Acute toxicity	LD50: Not available. LC50: Not available.
Chronic toxicity	<p>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).</p> <p>Used engine oil may contain hazardous components which have the potential to cause skin cancer. Avoid prolonged or repeated contact with skin. Studies have shown that used motor oil causes skin tumors after a long latency period (over one year) in a low percentage of mice (below 10%); when applied to the skin twice a week for their lifetimes. The material was not washed off between applications. A skin cancer risk may exist for people from prolonged or repeated contact with used motor oil in the absence of good personal hygiene.</p> <p>In case of contact, wash exposed skin thoroughly with soap and water or use waterless hand cleaners to remove used motor oils from skin. Do not use gasoline, thinners, or solvents. Wear protective clothing and impervious gloves when working with used motor oils. Remove oil-soaked clothing, including shoes, and thoroughly clean and dry before reuse.</p>
Other information	Very hazardous in case of eye contact (irritant).

Section 12. Ecological Information

Ecotoxicity Ecological testing has not been conducted on this product by BP.

Section 13. Disposal Considerations

Waste Information Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Consult your local or regional authorities.

Section 14. Transport Information

DOT Classification Not a DOT controlled material (United States).

Not regulated.

Marine Pollutant Not pollutant.

Special Provisions for Transport None identified.

ADR/RID Classification

UN number Not applicable.

Proper shipping name Not regulated.

ADR/RID Class Not applicable.

Packing Group Not applicable.

IMO/IMDG Classification

Proper shipping name Not regulated.

IMDG Class Not applicable.

UN number Not applicable.

Packing Group Not regulated.

Marine Pollutant Not pollutant.

ICAO/IATA Classification

Proper shipping name Not regulated.

IATA Class Not applicable.

UN number Not applicable.

Packing Group Not applicable.

Section 15. Regulatory Information

U.S. Regulations US INVENTORY (TSCA): In compliance.
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): Immediate (Acute) Health Hazard
SARA 313 toxic chemical notification and release reporting: Zinc compounds: 2.5%
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): Not determined.

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 WARNING!
CAUSES EYE IRRITATION.

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

Health	2
Fire Hazard	1
Reactivity	0

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



HISTORY

Date of issue 4/22/2002.
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.