



Safety Data Sheet

**XDC**

Prepared according to GHS & 29CFR 1910.1200

<b>1</b>	<b>Chemical Product and Company Identification</b>
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*Extreme Industrial Lubricants, Inc.  
18565 Soledad Canyon Rd. Suite 102  
Santa Clarita, CA 91351  
Tel: 661-298-8510*

<b>Product Trade Name</b>	XDC
<b>CAS Number</b>	Not applicable for mixtures
<b>Synonyms</b>	Xtreme Diesel Conditioner
<b>Generic Chemical Name</b>	Mixture
<b>Product Type</b>	Diesel Fuel Additive
<b>Preparation/Revision Date</b>	December 12, 2016
<b>Transportation Emergency</b>	FOR TRANSPORT EMERGENCY call CHEMTREC: (+1)703.527.3887 (outside the U.S.) 1.800.424.9300 (in the U.S.)
<b>Phone No.</b>	
<b>MSDS No.</b>	GHSXDC1

<b>2</b>	<b>Hazards Identification</b>
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<b>Appearance</b>	Amber Liquid
<b>Odor</b>	Petroleum Odor
<b>Principal Hazards</b>	Danger! <ul style="list-style-type: none"> <li>• May cause eye irritation.</li> <li>• May cause skin irritation.</li> <li>• May cause respiratory tract irritation.</li> <li>• May be fatal if swallowed and enters airways</li> <li>• Combustible liquid</li> </ul>

Signal Word: Danger!

Pictograms:



See section 11 for complete health hazard information.

<b>3</b>	<b>Composition/Information on Ingredients</b>
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**Hazardous Ingredients**

Comp	CAS No.	Percentage (by wt.)	Carcinogen
Distillates, hydrotreated light paraffinic	64742-53-6	50-60	N/E
Naphtha	64742-94-3	6-8	N/E
Naphthalene	91-20-3	<1	N/E
2-ethylhexyl nitrate	27247-96-7	13-15	N/E

(N/E)—None established

<b>4</b>	<b>First Aid Measures</b>
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<b>Eyes</b>	Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.
<b>Skin</b>	Wash with soap & water for 20 minutes or until chemical is removed. Remove contaminated clothing. If skin irritation or rash occurs: Get medical attention. Launder contaminated clothing before reuse & discard leather articles saturated with the material.
<b>Inhalation</b>	Remove exposed person to fresh air if adverse effects are observed. Call a poison center or doctor if exposed or you feel unwell.
<b>Oral</b>	DO NOT INDUCE VOMITING. Get immediate medical attention.
<b>Additional Information</b>	Note to physician: Treat symptomatically.

<b>5</b>	<b>Fire Fighting Measures</b>
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<b>Flash Point</b>	N/E
<b>Extinguishing Media</b>	CO2, dry chemical, or foam. Water can be used to cool & protect exposed material.
<b>Firefighting Procedures</b>	Recommend wearing self-contained breathing apparatus. Water may cause splattering.
<b>Unusual Fire &amp; Explosion Hazards</b>	See section 10 for additional information.

<b>6</b>	<b>Accidental Release Measures</b>
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<b>Spill Procedures</b>	Evacuate all non-essential personnel. Personal Protective Equipment must be worn, see Personal Protection Section for PPE recommendations. Take precautions to avoid release to the environment. Eliminate all ignition sources if safe to do so. Ventilate area if spilled in confined space or other poorly ventilated areas. Prevent entry into sewers and waterways, dispose of in accordance with all federal, state and local environmental regulation. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material.
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<b>7</b>	<b>Handling and Storage</b>
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<b>Pumping Temperature</b>	Not determined.
<b>Maximum Handling Temperature</b>	Not determined.
<b>Handling Procedures</b>	Open container in a well ventilated area. Avoid breathing vapors. Keep containers closed when not in use. Do not discharge into drains or the environment; dispose to an authorized waste collection point. Use appropriate containment to avoid environmental contamination. Vapors are heavier than air and will tend to accumulate in low areas. Avoid use in confined areas without adequate ventilation. Areas of inadequate ventilation could contain concentrations high enough to cause eye irritation, headaches, respiratory discomfort or nausea. Avoid breathing dust, fume, gas, mist, vapors or spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. 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.
<b>Maximum Storage Temperature</b>	Not determined.
<b>Storage Procedures</b>	Take precautions to avoid release to the environment. See section 10 for incompatible materials.
<b>Maximum Loading Temperature</b>	Not determined.

<b>8</b>	<b>Exposure Controls/Personal Protection</b>
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**Exposure Limits**

Comp	Exposure Guidelines		
	OSHA	ACGIH	Other

	TWA	STEL	TWA	STEL	TWA	STEL
Distillates, hydrotreated light naphthenic Naphtha	5 mg/m3 N/E	N/E N/E	5 mg/m3 N/E	N/E N/E	N/E N/E	N/E N/E

- (s)—Skin exposure  
 (p)—Proposal limit  
 (c)—Ceiling exposure  
 (l)—Recommended exposure limit  
 (u)—Supplier recommended exposure limit  
 (N/E)—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 STEL of 10 mg per cubic meter.

**Engineering Controls**

Use material in well ventilated area only. Additional ventilation or exhaust may be required to maintain air concentrations below recommended exposure limits. Vapors are heavier than air and will tend to accumulate in low areas. Avoid use in confined areas without adequate ventilation.

**Gloves Procedures**

Neoprene.

**Eye Protection**

Safety Glasses.

**Respiratory Protection**

Use NIOSH/MSHA approved full face respirator with an organic vapor cartridge if the 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. Wear a chemically protective apron when contact with material may occur. When working with heated material, wear an insulated apron or an insulated chemical protective suit. Use chemically protective boots when necessary to avoid contaminating shoes. Do not wear rings, watches or similar apparel that could entrap the material and cause a skin reaction. Launder contaminated clothing before reuse.

<b>9</b>	<b>Physical and Chemical Properties</b>
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<b>Flash Point</b>	Not Determined)
<b>Upper Flammable Limit</b>	Not determined.
<b>Lower Flammable Limit</b>	Not determined.
<b>Autoignition Point</b>	Not determined.
<b>Explosion Data</b>	Material does not have explosive properties.
<b>Vapor Pressure</b>	Not determined.
<b>pH</b>	Not determined.
<b>Specific Gravity</b>	Not Determined
<b>Bulk Density</b>	Not determined.
<b>Water Solubility</b>	Insoluble.
<b>Percent Solid</b>	Not determined.
<b>Percent Volatile</b>	Not determined.
<b>Volatile Organic Compound</b>	Not determined.
<b>Vapor Density</b>	Not determined.
<b>Evaporation Rate</b>	Not determined.
<b>Odor</b>	Mild Amine
<b>Appearance</b>	Slightly hazy amber liquid
<b>Viscosity</b>	Not determined
<b>Odor Threshold</b>	Not determined.
<b>Boiling Point</b>	Not determined.
<b>Pour Point Temperature</b>	Not determined
<b>Melting/Freezing Point</b>	Not determined.

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

<b>10</b>	<b>Stability and Reactivity</b>
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<b>Stability</b>	Material is normally stable at moderately elevated temperatures and pressures.
<b>Decomposition Temperature</b>	Not determined.
<b>Incompatibility</b>	Acids. Oxidizing agents.
<b>Polymerization</b>	Will not occur.
<b>Thermal Decomposition</b>	Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion. Under combustion conditions, oxides of the following elements will be formed: nitrogen, sulfur.
<b>Conditions to Avoid</b>	Not determined.

<b>11</b>	<b>Toxicological Information</b>
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**::ACUTE EXPOSURE::**

<b>Eye Irritation</b>	Weak to moderate eye irritant.
<b>Skin Irritation</b>	May cause slight skin irritation. 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.
<b>Respiratory Irritation</b>	May cause nose, throat, and lung irritation. Based on data from similar materials.
<b>Dermal Toxicity</b>	The LD50 in rabbits is >2000 mg/Kg. Based on data from components or similar materials
<b>Inhalation Toxicity</b>	The LC50 (1 hr.) in rats for dust or mist of this material is >200 mg/l. Based on data from components or similar materials.
<b>Oral Toxicity</b>	The LD50 in rats is >10,000 mg/Kg. Based on data from components or similar materials. The oral LD50 (rat) of the dibutylhydrogen phosphate is 3200 mg/kg.
<b>Inhalation Sensitization</b>	No data available to indicate product or components may be respiratory sensitizers.

**::CHRONIC EXPOSURE::**

<b>Chronic Toxicity</b>	No data available to indicate product or components present at great than 1% are chronic health hazards.
<b>Carcinogenicity</b>	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.
<b>Mutagenicity</b>	No data available to indicate product or any components present at great than 0.1% are mutagenic or genotoxic.
<b>Reproductive Toxicity</b>	No data available to indicate either product or components present at great than 0.1% that may cause reproductive toxicity.
<b>Teratogenicity</b>	There are conflicting reports in the literature concerning the teratogenicity of diphenylamine. However, because the predominant route of exposure was oral (via gavage or diet) and relatively high dose levels were administered in the studies where positive effects were observed, it would not seem to present a workplace hazard.

**::ADDITIONAL INFORMATION::**

<b>Other</b>	No other health hazards known.
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<b>12</b>	<b>Ecological Information</b>
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**::ENVIRONMENTAL TOXICITY::**

<b>Freshwater Fish Toxicity</b>	Not determined.
<b>Freshwater Invertebrates Toxicity</b>	The acute EC50 is 10-100 mg/L based on component data. Chronic effects expected at 10-100 mg/L based on component data.
<b>Algal Inhibition</b>	The acute EC50 is 10-100 mg/L based on component data. The Ethoxylated amine contained in this product has an EC50 between 0.01 and 0.1 mg/L.
<b>Saltwater Fish Toxicity</b>	The acute LC50 is 10-100 mg/L based on component data.
<b>Saltwater Invertebrates Toxicity</b>	Not determined.
<b>Bacteria Toxicity</b>	Not determined.
<b>Miscellaneous Toxicity</b>	Not determined.

**::ENVIRONMENTAL FATE::**

<b>Biodegradation</b>	At least 25% of the components in this product show limited biodegradation based on OECD 301-type test data. AT least 25% of the components in this product show moderate biodegradation based on OECD 302-type test data.
<b>Bioaccumulation</b>	1-10% of the components bioconcentration in aquatic organisms.
<b>Soil Mobility</b>	Not determined.

<b>13</b>	<b>Disposal Considerations</b>
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<b>Waste Disposal</b>	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.
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<b>14</b>	<b>Transport Information</b>
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<b>ICAO/IATA I</b>	Not regulated.
<b>ICAO/IATA II</b>	Not regulated.
<b>IMDG</b>	Not regulated.
<b>IMDG/EMS Fire</b>	Not applicable.
<b>IMDG EMS Spill</b>	Not applicable.
<b>IMDG MFAG</b>	Not applicable.
<b>MARPOL Annex II</b>	Not determined.
<b>US CG Compatibility</b>	Not determined.
<b>U.S. DOT Bulk</b>	Not regulated.
<b>DOT NAERG</b>	Not applicable.
<b>U.S. DOT (Intermediate)</b>	Not regulated.
<b>U.S. DOT Intermediate NAERG</b>	Not applicable.
<b>U.S. DOT Non-Bulk</b>	Not regulated.
<b>U.S. DOT Non-Bulk NAERG</b>	Not applicable.
<b>Canada</b>	Not regulated.
<b>Mexico</b>	Not regulated.
<b>Bulk Quantity</b>	85000 KG, 187391 lbs.
<b>Intermediate Quantity</b>	11000 KG, 24251 lbs.
<b>Non-Bulk Quantity</b>	400 KG, 882 lbs.

*Review classification requirements before shipping materials at elevated temperatures.*

<b>15</b>	<b>Regulatory Information</b>
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<b>::Global chemical Inventories::</b>	
<b>USA</b>	All components of this material are on the US TSCA Inventory or are exempt.
<b>Other TSCA Reg.</b>	None Known.
<b>EU</b>	All components comply with the EU 7 <sup>th</sup> Amendment and are approved for EU sales. Extreme Industrial Lubricants must maintain records of all imports of this product into the EU.
<b>Japan</b>	This product may be imported to Japan only by -----
<b>Australia</b>	A component(s) of this product has been notified and assessed under the Industrial Chemicals (Notification and Assessment) Act, 1989. This product may be imported ----
<b>New Zealand</b>	All components are in compliance with chemical notification requirements in New Zealand.
<b>Canada</b>	All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List.
<b>Switzerland</b>	All components are in compliance with the Environmentally Hazardous Substance Ordinance in Switzerland. Extreme Industrial Lubricants must maintain records of all imports of this product into Switzerland.
<b>Korea</b>	All components are in compliance in Korea.
<b>Philippines</b>	This product requires notification before sale in the Philippines.
<b>China</b>	This product may be imported to China only by -----.
<b>Taiwan</b>	All components of this product are listed on the Taiwan inventory.

**::Other U.S. Federal Regulations::**

**SARA Ext. Haz. Subst.** 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.

<b>SARA 311 Classification</b>	Acute Hazard	Yes
	Chronic Hazard	No
	Fire Hazard	No
	Reactivity Hazard	No

**CERCLA Hazardous Substances** None known.

**::State Regulations::**

**Cal. Prop. 65** This product contains the following chemical(s) known to the state of California to cause cancer and/or birth defects based on maximum impurity levels of components: <0.01 ppm Ethylbenzene, CAS no. 100-41-4 <0.01 ppm Naphthalene, CAS no. 91-20-3 <0.1 ppm cadmium <0.5 ppm lead <0.5 ppm arsenic 0.001% Trimethyl phosphate, CAS no. 512-56-1

**::Product Registrations::**

**U.S. Fuel Registration** Not applicable.  
**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.

**::Other/International::**

**Miscellaneous Regulatory Information** Not determined.

<b>16</b>	<b>Other Information</b>
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<b>US NFPA Codes</b>	<b>Health</b>	<b>Fire</b>	<b>Reactivity</b>	<b>Special</b>
	1	1	0	N/E

(N/E)—None established

<b>HMS Codes</b>	<b>Health</b>	<b>Fire</b>	<b>Reactivity</b>
	1	1	0

**Precautionary Labels**

Danger!

- May cause eye irritation.
- May cause skin irritation.
- May cause respiratory tract irritation.
- May cause allergic skin reaction.
- May be fatal if swallowed and enters airways
- Combustible liquid

**Revision Indicators** This SDS has no revisions since December 12, 2016

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