

## SECTION 1. IDENTIFICATION

**Product identifier:** Compresyn® HD DSR ISO 100

**Part number:** HDDSRL

**Identified uses:** Lubricant where there is no possibility of contact with food

**Uses advised against:** Not for use where there is the possibility of contact with food. Other uses advised against may be specified elsewhere in this SDS.

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**Non-emergency contact:** Phone: 262-781-8850 Fax: 262-781-3906

**Emergency telephone:** INFOTRAC:  
**North America** 1-800-535-5053      **Australia** 1-300-366-961      **Germany** 0800-181-2926  
**International** 011-1-352-323-3500 (collect)      **China** 400-120-0761

## SECTION 2. HAZARD(S) IDENTIFICATION

**Classification:** Reproductive Tox. 2 (fertility)

**Label elements**

**Pictograms:** 

**Signal word:** Warning

**Hazard statements:** Suspected of damaging fertility or the unborn child.

**Precautionary statements:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/ protective clothing/ eye protection/ face protection. If exposed or concerned: Get medical advice/ attention. Store locked up. Dispose of contents/ container in accordance with local/ regional/ national/ international regulations.

**Hazards not otherwise classified:** Harmful to aquatic life with long lasting effects.

**Additional information:** Not applicable.

## SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Composition:	Chemical name	%	CAS #	Impurities
	tris(methylphenyl) phosphate	<1	1330-78-5	None

## SECTION 4. FIRST-AID MEASURES

**First aid measures**

**Eye contact:** Remove contact lenses, if wearing, and flush eyes with water for at least 15 minutes or until irritation subsides. If irritation persists, consult a physician.

**Skin contact:** Remove clothing and shoes, if contaminated. Wash skin with soap and water. Wash or clean contaminated clothing before reuse and discard oil-soaked shoes. If irritation persists, consult a physician.

**Ingestion:** If swallowed, DO NOT induce vomiting. As a precaution, give the person a glass of water to drink and seek medical attention. Never give anything by mouth to an unconscious person. Consult a physician.

**Inhalation:** If inhaled, move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In case of bluish discoloration (lips, ear lobes, fingernails), give oxygen as quickly as possible. If symptoms persist, call a physician.

**Most important symptoms and effects, both acute and delayed:** Suspected of damaging fertility or the unborn child.

**Indication of any immediate medical attention and special treatment available:** No further relevant information available.

**General information:** No further relevant information available.

**SECTION 5. FIRE-FIGHTING MEASURES**

- Suitable extinguishing media:** Extinguishing media include dry chemical, alcohol foam, and carbon dioxide. Do not use direct stream of water. Water may be used to keep fire-exposed containers cool.
- Unsuitable extinguishing media:** Do not use direct stream of water.
- Specific hazards:** Pressure build-up due to heat exposure may cause containers to rupture. Use water spray to keep containers cool.
- Advice for firefighters:** Firefighters should wear full protective gear, including helmet. Use supplied-air breathing equipment for enclosed or confined space or as otherwise needed.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions, protective equipment and emergency procedures:** In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. Keep away from ignition sources. Wear protective equipment. Keep unprotected persons away.
- Environmental precautions:** Prevent entry into sewers, waterways or confined areas by diking or impounding. Dike far ahead of spill for later recovery and disposal. Advise authorities if the product has entered or may enter sewers, watercourses, or extensive land areas.
- Methods for containment and cleaning up**
- Land spill:** Stop leak if you can do so without risk. Recover free product using non-sparking tools. Add sand, earth, or other suitable absorbent material to the spill area. Recover by pumping or with suitable absorbents. Dispose of in accordance with national and/or local regulations relating to waste disposal.
- Water spill:** Stop leak if you can do so without risk. Confine the spill immediately with booms. Remove from the surface by skimming or with suitable absorbents. Seek the advice of a specialist before using dispersants.

**SECTION 7. HANDLING AND STORAGE**

- Precautions for safe handling:** Keep away from heat and direct sunlight. Ensure good ventilation/exhaustion at the workplace. Handle in accordance with good industrial hygiene and safety practice. Keep container closed when not in use. Do not use pressure to empty drums. Ensure all equipment is electrically grounded before beginning transfer operations.
- Conditions for safe storage, including any incompatibilities:** Store in a cool, dry place in tightly sealed containers. Store out of direct sunlight. Do not store near heat, sparks, open flame, pilot lights, static electricity, or other sources of ignition. Do not store where temperature may exceed 49°C (120°F). Store away from oxidizing agents. Rotate stock.

**SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

- | <b><u>Workplace exposure limits:</u></b> | <b><u>Chemical name</u></b>  | <b><u>Exposure limit and source</u></b> |
|--|------------------------------|---|
|  | tris(methylphenyl) phosphate | Not available                           |
- Exposure controls**
- Engineering controls:** Provide exhaust ventilation or other engineering controls to keep the airborne concentration of vapors below their respective occupational exposure limits.
- Ventilation:** Use in a well-ventilated area. See Engineering Controls.
- Personal hygiene:** Wash skin thoroughly after contact, before breaks and meals and at the end of the work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.
- Eye protection:** Chemical splash goggles or face shield in compliance with OSHA regulations are advised when eye contact may occur.
- Hand protection:** Wear neoprene gloves.
- Respiratory protection:** Use with adequate ventilation. Respiratory protective equipment is not normally required where there is adequate natural or local exhaust ventilation to control exposure. In case of insufficient ventilation, wear suitable respiratory equipment. A NIOSH/MSHA-approved air-supplied respirator is advised in absence of proper environmental control.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

- |  |                                       |   |                         |
|--|---------------------------------------|---|-------------------------|
| <b><u>Appearance / odor:</u></b>                       | Clear lube oil with little or no odor | <b><u>Upper flammability limit:</u></b> | Not available           |
|  |                                       | <b><u>Lower flammability limit:</u></b> | Not available           |
| <b><u>Physical state:</u></b>                          | Liquid                                | <b><u>Vapor pressure:</u></b>           | Nil                     |
| <b><u>Odor threshold:</u></b>                          | Not available                         | <b><u>Vapor density:</u></b>            | Not available           |
| <b><u>pH:</u></b>                                      | Not available                         | <b><u>Relative density:</u></b>         | 0.96 (typical) @ 15.6°C |
| <b><u>Melting / freezing point:</u></b>                | Not available                         | <b><u>Solubility in water:</u></b>      | Slightly soluble        |
| <b><u>Initial boiling point and boiling range:</u></b> | Not available                         |   |                         |

<b>Flash point:</b>	503°F (262°C), ASTM D 92	<b>Partition coefficient (n-octanol/water):</b>	Not available
<b>Evaporation rate:</b>	Nil	<b>Autoignition temperature:</b>	Not available
<b>Flammability (solid, gas):</b>	Not applicable	<b>Decomposition temperature:</b>	Not available
		<b>Viscosity:</b>	Not available

**SECTION 10. STABILITY AND REACTIVITY**

<b>Reactivity:</b>	Not reactive under normal conditions.
<b>Chemical stability:</b>	Stable under recommended conditions.
<b>Possibility of hazardous reactions:</b>	Hazardous reactions are not expected to occur.
<b>Conditions and materials to avoid:</b>	Avoid heat, sparks, open flames, oxidizing materials, strong acids and strong bases.
<b>Hazardous decomposition products:</b>	Carbon monoxide (CO), carbon dioxide (CO <sub>2</sub> ), oxides of nitrogen (NO <sub>x</sub> ), oxides of phosphorus, and dense black smoke.

**SECTION 11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

<b>Eye contact:</b>	No known significant effects or critical hazards.
<b>Skin contact:</b>	Suspected of damaging fertility or the unborn child.
<b>Inhalation:</b>	Suspected of damaging fertility or the unborn child.
<b>Ingestion:</b>	Suspected of damaging fertility or the unborn child.

<b>Component information:</b>	<b>Components</b>	<b>LD<sub>50</sub></b>	<b>LC<sub>50</sub></b>
	tris(methylphenyl) phosphate	15750 mg/kg (oral, rat)	Not available

**Information on physical, chemical and toxicological effects**

<b>Symptoms:</b>	Please see Section 4 of this SDS for symptoms.
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**Delayed and immediate effects, and chronic effects, from short and long-terms exposure**

<b>Effects:</b>	Suspected of damaging fertility or the unborn child.
<b>Carcinogenicity:</b>	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

<b>Numerical measures of toxicity:</b>	Not determined
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**SECTION 12. ECOLOGICAL INFORMATION**

<b>Ecotoxicity:</b>	Harmful to aquatic life with long lasting effects.		
<b>Component information:</b>	<b>Components</b>	<b>L(E)C<sub>50</sub></b>	
	tris(methylphenyl) phosphate	0.146 mg/l/48h (Daphnia magna)	
<b>Persistence and degradability:</b>	Not determined		
<b>Bioaccumulative potential:</b>	Not determined		
<b>Mobility in soil:</b>	Not available		
<b>Other adverse effects:</b>	Not determined		

**SECTION 13. DISPOSAL CONSIDERATIONS**

<b>Waste treatment methods:</b>	Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal. Consult national or regional authorities for proper disposal and reporting procedures.
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**SECTION 14. TRANSPORTATION INFORMATION**

Dangerous goods descriptions may not reflect package size, quantity, end-use or region-specific exceptions that can be applied to shipments. Consult shipping documents for material-specific descriptions.

	<u>Proper Shipping Name:</u>	<u>UN Number:</u>	<u>Hazard Class:</u>	<u>Packing Group:</u>	<u>Remarks:</u>
<u>U.S. D.O.T.</u>	Not regulated	None	None	None	None
<u>ADR/RID</u>	Not regulated	None	None	None	None
<u>IMDG</u>	Not regulated	None	None	None	None
<u>IATA</u>	Not regulated	None	None	None	None

**SECTION 15. REGULATORY INFORMATION**U.S. Federal Regulations

**SARA Section 302 Extremely Hazardous Substances:** This product contains greater than 1.0% of the following chemical(s) on the SARA Extremely Hazardous Substances List:  
None

**SARA Section 304 CERCLA Hazardous Substances:** Release of the following chemical(s) at quantities equal to or greater than the reportable quantities (RQ), is subject to reporting to the National Response Center under CERCLA:  
None

**SARA Section 313 Toxic Chemicals:** This product contains the following chemical(s) listed in Section 313 at or above the de minimis concentrations:  
None

**TSCA Inventory:** All components of this material are on the U.S. TSCA Inventory.

U.S. State Regulations

**California Proposition 65 Status:** This product does not contain chemical(s) known to the State of California to cause birth defects or other reproductive harm.

**California Proposition 65 Listed Components:** None

International Regulations

**Canada:** This product has been classified in accordance with the hazard criteria of WHMIS 2015 and the SDS contains all of the information required by those regulations.

**Japan MITI:** Not available

**Australia:** Not available

**Switzerland:** Not available

**SECTION 16. OTHER INFORMATION**

**Sections Revised:** Sections 2, 4 and 11.

**Revision Date:** 8/24/2015

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\*\*\* END OF SDS \*\*\*