

SECTION 1. IDENTIFICATION

Product identifier: Compresyn[®] HD DSR ISO 32

Part number: HDDSRH

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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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: Skin Sensitization Cat. 1; STOT RE (Oral) 2 (Liver, Kidney)

Label elements

Pictograms:  

Signal word: Warning

Hazard statements: May cause an allergic skin reaction. May cause damage to organs through prolonged or repeated exposure if swallowed.

Precautionary statements: Do not breathe fume/mist/vapors/spray. Wash skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves. Do not eat, drink or smoke when using this product. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/ attention. Wash contaminated clothing before reuse. If exposed or concerned: Call a poison center/ doctor. 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

<u>Composition:</u>	<u>Chemical name</u>	<u>%</u>	<u>CAS #</u>	<u>Impurities</u>
	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	1-<5	68411-46-1	None
	N-1-naphthylaniline	1-<5	90-30-2	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 May cause an allergic skin reaction. May cause damage to organs through prolonged or repeated exposure if swallowed.

**symptoms and effects,
both acute and delayed:**

**Indication of any
immediate medical
attention and special
treatment available:** See First aid measures (above).

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, well-ventilated 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, strong acids and strong bases. Rotate stock.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Workplace exposure limits:</u>	<u>Chemical name</u>	<u>Exposure limit and source</u>
	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	Not available
	N-1-naphthylaniline	10 ml/m ³ TWA, ACGIH

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

<u>Appearance / odor:</u>	Clear lube oil with little or no odor	<u>Upper flammability limit:</u>	Not available
<u>Physical state:</u>	Liquid	<u>Lower flammability limit:</u>	Not available
<u>Odor threshold:</u>	Not available	<u>Vapor pressure:</u>	Nil
<u>pH:</u>	Not available	<u>Vapor density:</u>	Not available
<u>Melting / freezing point:</u>	Not available	<u>Relative density:</u>	0.92 (typical) @ 20°C
<u>Initial boiling point and boiling range:</u>	Not available	<u>Solubility in water:</u>	Slightly soluble
<u>Flash point:</u>	483°F (251°C), ASTM D 92	<u>Partition coefficient (n-octanol/water):</u>	Not available
<u>Evaporation rate:</u>	Nil	<u>Autoignition temperature:</u>	Not available
<u>Flammability (solid, gas):</u>	Not applicable	<u>Decomposition temperature:</u>	Not available
		<u>Viscosity:</u>	Not available

SECTION 10. STABILITY AND REACTIVITY

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

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

<u>Eye contact:</u>	No known significant effects or critical hazards.
<u>Skin contact:</u>	May cause an allergic skin reaction.
<u>Inhalation:</u>	No known significant effects or critical hazards.
<u>Ingestion:</u>	May cause damage to organs through prolonged or repeated exposure if swallowed.

<u>Component information:</u>	<u>Components</u>	<u>LD₅₀</u>	<u>LC₅₀</u>
	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	>2000 mg/kg (oral, rat)	Not available
	N-1-naphthylaniline	>5000 mg/kg (dermal, rabbit)	Not available

Information on physical, chemical and toxicological effects

<u>Symptoms:</u>	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

<u>Effects:</u>	May cause an allergic skin reaction. May cause damage to organs through prolonged or repeated exposure if swallowed.
<u>Carcinogenicity:</u>	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.
<u>Numerical measures of toxicity:</u>	Not determined

SECTION 12. ECOLOGICAL INFORMATION

<u>Ecotoxicity:</u>	Harmful to aquatic life with long lasting effects.	
<u>Component information:</u>	<u>Components</u>	<u>L(E)C₅₀</u>
	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	>71 mg/l/96h [Danio rerio (zebra fish)]
	N-1-naphthylaniline	0.68 mg/l/48h (Daphnia magna)
<u>Persistence and degradability:</u>	Not determined	

<u>Bioaccumulative potential:</u>	Not determined
<u>Mobility in soil:</u>	Not available
<u>Other adverse effects:</u>	Not determined

SECTION 13. DISPOSAL CONSIDERATIONS

<u>Waste treatment methods:</u>	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: 1-naphthylamine (CAS # 134-32-7), RQ = 100 lbs.*; 2-naphthylamine (CAS # 91-59-8), RQ = 10 lbs.*; Aniline (CAS # 62-53-3), RQ = 5000 lbs.* *Calculated RQ exceeds reasonably attainable upper limit.
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 are either listed or exempted from listing on the 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:	Not applicable

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

<u>Sections Revised:</u>	Section 15
<u>Revision Date:</u>	5/1/2018

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*** END OF SDS ***