

Centac Fluid

0CV ZERO FLUID LUBRICANT

MATERIAL SAFETY DATA SHEET

EFFECTIVE DATE:10/30/08

REVISION DATE: 10/30/08

0CV - Zero Fluid is a synthetic fluid suitable for use in Ingersoll-Rand CV0 Centac Air Compressors.

24-Hour Emergency Phone Number: 1-800-535-5053
1-352-323-3500

PRODUCT IDENTIFICATION: Synthetic hydrocarbons and additives (100%).

2.) INGREDIENTS:

Hazardous ingredients: none
Other Ingredients:
Synthetic Oils: > 75%
Additives And/Or Other Ingredients: < 5%
Proprietary Ester: < 20%

3.) PHYSICAL DATA:

Appearance: ASTM 1.0 liquid	PH: Not Applicable
Boiling Point F (C): > 600 (316)	Melting Point: Not Applicable
Vapor Pressure: < .1 MM HG 20C	Flash Point F (C): 415 (213) (ASTM D-92)
Relative Density 1514 C: 0.92	Percent Volatile: Not Established
Solubility In Water: Negligible	Evaporation Rate: Not Established
Pour Point F (C): -80 (-62)	Viscosity at 100 F, SUS: 72.4
Appearance: Light Amber Liquid	210 F, SUS: 38.8
Odor: Mild	40 C, CS: 13.7
	100 C, CS: 3.8

4.) FIRE AND EXPLOSION HAZARD DATA :

Flash Point F (C): 415 (213) (ASTM D-92)
Flammable Limits: LEL: .6 UEL: 7.0
Extinguishing Media: Carbon Dioxide, foam, dry chemical and water fog.
Special Fire Fighting Procedures: Water or foam may cause frothing. Use water to keep fire exposed containers cool. Water spray may be used to flush spills away from exposure. For fires in enclosed areas, firefighter must use self-contained breathing apparatus. Prevent runoff from fire control or dilution from entering streams or drinking water supply.
Unusual Fire Or Explosion Hazards: None
NFPA hazard ID: Health: 0, Flammability: 1. Reactivity: 0

5.) HEALTH HAZARD:

-Includes aggravated medical conditions, if established -
Effects Of Over Exposure: Not expected to be a problem. Prolonged repeated skin contact with low viscosity materials may defat the skin resulting in possible irritation and dermatitis.

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6.) FIRST AID:

Eyes Contact: Wash with water.

Skin Contact: Wash contact areas with soap and water.

Inhalation: Not expected to be a problem.

Ingestion: Do not induce vomiting. Administer vegetable oil. Get medical assistance. (note to physician: Material, if aspirated into the lungs, may cause chemical pneumonitis. Treat appropriately.)

7.) REACTIVITY DATA:

Stability: (Thermal, light, etc.): Stable

Condition To Avoid: Stable under normal conditions.

Incompatibility: (materials to avoid) Strong oxidizers.

Hazardous Decomposition: Burning produces carbon monoxide, phosphorus oxides and nitrogen oxides.

Hazardous Polymerization: Will not occur.

8.) SPILL OR LEAK PROCEDURES:

Environmental Impact: Report spills as required to appropriate authorities.

Procedures If Material Is Released Or Spilled: Adsorb on fire retardant treated sawdust.

diatomaceous earth, etc. Shovel up and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at the time of disposal.

Waste Management: Product is suitable for burning in an enclosed controlled burner for fuel value or disposal by supervised incineration. Such burning may be limited pursuant to the resource conservation and recovery act. In addition, the product is suitable for processing by an approved recycling facility or can be disposed of at any government approved waste disposal facility. Use of these methods is subject to user compliance laws and regulations and consideration of product characteristics at the time of disposal.

Do Not Reuse The Original Container.

9.) ENVIRONMENTAL AND DISPOSAL INFORMATION:

Environmental Impact: Report spills as required to appropriate authorities.

Steps To Be Taken In Case Of Spills: Soak up with suitable absorbent fire retardant material, shovel up and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at the time of disposal.

Waste Disposal Method: Dispose in accordance with local, state, or federal regulations.

Do Not Reuse The Original Container.

10.) SPECIAL PROTECTION INFORMATION:

Exposure Guidelines: Non-established

Ventilation: No special requirements under ordinary conditions of use with adequate ventilation.

Respiratory Protection: No special requirements under ordinary conditions of use and adequate ventilation.

Skin Protection: No special equipment required. However, good personal hygiene practices should always be followed.

Eye Protection: Safety glasses

Special Handling And Storage: Reasonable care should be taken in handling this product.

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11.)REGULATORY INFORMATION:

Government Inventory Status: All components registered in accordance with TSCA.

D.O.T. Shipping Name: Not applicable.

D.O.T. Hazard Class: Not applicable.

US OSHA Hazard Communication Standard: Product assessed in accordance with OSHA 29 CFR 1910.1200 and determined not to be hazardous.

RCRA Information: The unused product is not specifically listed by the EPA as hazardous waste (40CFR. part 261D); does not exhibit the hazardous characteristics of ignitability, corrosively, or reactivity, and is not formulated with metals cited in the EP toxicity test However the used product may be regulated.

According to the U.S. superfund amendments and reauthorization act (SARA) title III, this product contains the following extremely hazardous substances (EHS).

Chemical name	(CAS-number)	PCT	TPQ (lbs.)	RQ (lbs.)
Aniline	(62-53-3)	<.0001	1000	5000

Product quantity (lbs.) which results in RQ of an EHS: > 100000

The following product Ingredients are cited on the lists below:

Chemical name (CAS-number)	List citations
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*** No ingredient citations ***

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