

COPELAND CORPORATION MATERIAL SAFETY DATA BULLETIN

I. PRODUCT IDENTIFICATION COPELAND Blended White Oil (999-5170-31)

Effective Date: 03/06/2000
Supercedes: 07/14/1986

SUPPLIER:	24-HOUR EMERGENCY:
COPELAND CORP.	937-498-3011
CHEMICAL NAMES AND SYNONYMS:	
None	
USE OR DESCRIPTION:	PRODUCT AND MSDS INFORMATION:
COMPRESSOR OIL	(937)-498-3011

II. TYPICAL CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE: Odorless Liquid	ODOR: None	PH: NA
VISCOSITY AT 40 C, CS: 38		
VISCOSITY AT 100 C, CS: 5.4		
FLASH POINT F (C) : 375 (191)	(ASTM D-92)	
MELTING POINT F (C) : NA	POUR POINT F (C) : -31 (-35)	
BOILING POINT F (C) : 570 (299)	VOC: < 3.00 (wt%)	
RELATIVE DENSITY, 15/4 C: 0.882	SOLUBILITY IN WATER: Negligible	
VAPOR PRESSURE –mm H _g 20C: <.1		

NA = Not applicable NE = Not Established D = Decomposes

III. POTENTIALLY HAZARDOUS INGREDIENTS

None

SEE SECTIONS XII AND XIII FOR REGULATORY AND FURTHER COMPOSITIONAL DATA.

IV. HEALTH HAZARD DATA

INCLUDES AGGRAVATED MEDICAL CONDITIONS, IF ESTABLISHED

THRESHOLD LIMIT VALUE: 5.00 mg/m³ Suggested for Oil Mist
EFFECTS OF OVEREXPOSURE: Not hazardous except as oil mist. Prolonged or repeated overexposure to oil mists may lead to chronic pulmonary inflammation, in rare instances.

V. EMERGENCY AND FIRST AID PROCEDURES FOR PRIMARY ROUTES OF ENTRY

EYE CONTACT: Flush eyes for 15 min, with large amounts of water. If material is hot, treat for thermal burns and take victim to the hospital immediately.
SKIN CONTACT: Remove contaminated clothing. If material is hot, submerge injured area in cold water. If victim is severely burned take to a hospital for burn treatment.
INHALATION: This material has a low vapor pressure and is not expected to present an inhalation exposure at ambient temperatures.
INGESTION: May act as laxative. Do not induce vomiting.

VI. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT F (C): 375 (191) (ASTM D-92)
FLAMMABLE LIMITS. LEL: NA UEL: NA
EXTINGUISHING MEDIA: Dry chemical, foam or carbon dioxide.
SPECIAL FIRE FIGHTING PROCEDURES: Water may be ineffective, but can be used to cool container exposed to heat or flame. Care should be used when using water as foam as flooding may occur.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Dense smoke may be generated while burning. CO_x and other oxides may be generated as combustion products.
NFPA HAZARD ID: Health 0 Flammability: 1, Reactivity: 0

VII. REACTIVITY DATA

STABILITY (Thermal, Light, etc.): Stable
CONDITIONS TO AVOID: None
INCOMPATIBILITY (Materials to Avoid): May react with strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: None
HAZARDOUS POLYMERIZATION: Will not occur.

VIII. SPILL OR LEAK PROCEDURE

PROCEDURES IF MATERIAL IS RELEASED OR SPILLED: Notify proper authorities of spill. Contain the spill and pick up using proper absorptive materials, such as sand, clay, etc. Do not allow spill to enter sewers or watercourses. Place used absorbent material into drums or other proper containers for disposal.
WASTE MANAGEMENT: Refer to local, state and federal regulations for oil disposal.

IX. SPECIAL PROTECTION INFORMATION

EYE PROTECTION: Safety glasses
SKIN PROTECTION: Neoprene Gloves
RESPIRATORY PROTECTION: Not required under normal use.
VENTILATION: Not required under normal use. Use NIOSH/MSHA approved respirator with dual organic vapor/mist and particulates cartridge if vapor concentration exceeds permissible exposure limit.

X. SPECIAL PRECAUTIONS

HANDLING: Do not transfer to unmarked containers. Store in closed containers away from heat, sparks or flame. This product is not classified hazardous under DOT regulations. Fire extinguishers should be kept readily available in the storage area.

XI. TOXICOLOGICAL DATA ACUTE TOXICOLOGY

ORAL TOXICITY (RATS): Low order acute oral toxicity – Based on testing of similar products and/or the components.

INHALATION TOXICITY (RATS): Mild irritation to nose, throat and respiratory tract. . Based on testing of similar products and/or the components.

EYE IRRITATION (RABBITS): Expected to be moderately irritating. Based on testing of similar products and/or the components.

SKIN IRRITATION (RABBITS): Mild skin irritation, may cause skin sensitization – Based on testing of similar products and/or the components.

SIGNS and SYMPTOMS: Irritation as noted. Skin sensitization (allergy) may be evidenced by rashes, especially hives.

If used in applications where mist may be generated, observe a TWA/PEL of 5mg/m³ (OSHA and ACGIH) and a STEL 10mg/m³ (ACGIH) for mineral oil mist.

XII. REGULATORY INFORMATION

GOVERNMENTAL INVENTORY STATUS: All components registered in accordance with TSCA.
Transport Information:

DOT:

Shipping Name: Not applicable

Hazard Class: Not applicable

Freight Classification: 65 Petroleum Oil, n. o. b. i. n.

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, in our opinion, is not specifically listed by the EPA as hazardous waste (40 CFR, Part 261D), nor is it formulated to contain materials which are listed hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrosivity, or reactivity and is not formulated with contaminants as determined by the Toxicity Characteristic Leaching Procedures (TCLP). However, used product may be regulated.

U.S. Superfund Amendments and Reauthorization Act (SARA) Title III: This product contains no “EXTREMELY HAZARDOUS SUBSTANCES.”

SARA (311/312 – FORMERLY 302) REPORTABLE HAZARD CATEGORIES: None

This product contains no chemicals reportable under SARA (313) toxic release program.

