



65700 Watco Danish Oil Natural

MATERIAL SAFETY DATA SHEET

RPM Wood Finishes Group
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 828-728-8266

EMERGENCY PHONE (CHEM TREC): **1-800-424-9300**
 FOR ALL INTERNATIONAL TRANSPORTATION ACCIDENTS. 1-703-527-3887 (collect)

Health: 2 Flammability: 2 Reactivity 0

PRODUCT NAME: 65700 Watco Danish Oil Natural

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

REVISION DATE: 06/04/01
 SUPERCEDES: 21/03/01
 MSDS NO. 65700

II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%	CAS #	PEL
Solvent naphtha (petroleum) medium aliphatic	51-60	64742-88-7	No PEL established
Linseed Oil, Acid Refined	21-30	8001-26-1	No PEL established
Cobalt Compounds	1-10	7440-48-4	0.1 mg/m3 TWA
Trimethylbenzene	1-10	25551-13-7	No PEL established

III. HAZARDS IDENTIFICATION

Routes of Entry: Skin contact., Eye contact., Inhalation., Ingestion.
Medical Conditions Aggravated: No medical conditions affected by exposure.

Immediate (Acute) Health Effects

Inhalation

Extreme Warning: Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache.

General Warning: No hazard in normal industrial use. Can cause severe central nervous system depression (including unconsciousness).

Extreme Toxic Warning: Harmful! Can cause systemic damage (see "Target Organs").

General Toxic Warning: No data.

Skin Contact

Extreme Warning: Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.

General Warning: No hazard in normal industrial use. May cause skin sensitization, an allergic reaction, which becomes evident on re exposure to this material.

Eye Contact

Extreme Warning: Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.

General Warning:	No hazard in normal industrial use.
Skin Absorption	
Extreme Warning:	No absorption hazard in normal industrial use.
General Warning:	No component(s) in this product is known to be absorbed through the skin.
Ingestion	
Extreme Warning:	Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea.
General Warning:	Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal. Small amounts (a tablespoonful) swallowed during normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury.
Extreme Toxic Warning:	Harmful if swallowed. May cause systemic poisoning.
General Toxic Warning:	No hazard in normal industrial use.
Target Organ Acute Toxicity:	
Cobalt metal, dust and fume	respiratory system, skin

Long-Term (Chronic) Health Effects:

Carcinogenicity

Extreme Warning:	No data.
General Warning:	Not listed by ACGIH, IARC, NIOSH, NTP or OSHA.

Reproductive and Developmental Toxicity

Extreme Warning:	No data.
General Warning:	No information available.

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

Inhalation

Extreme Warning:	Upon prolonged and/or repeated exposure, can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache.
General Warning:	No data.

Skin Contact

Extreme Warning:	Upon prolonged or repeated contact, can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.
General Warning:	Prolonged contact with this product can cause reddening, swelling, rash, scaling, or blistering. In those who have developed skin sensitization, these symptoms can develop as a result of contact with a very small amount of the liquid material.

Eye Contact

Extreme Warning:	Upon prolonged or repeated contact, can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.
General Warning:	No data.

Skin Absorption

Extreme Warning:	Upon prolonged or repeated exposure, no hazard in normal industrial use.
General Warning:	Skin sensitization, characterized by redness, inflammation, itching and/or burning may result from prolonged or repeated contact with this material.

Target Organ Chronic Toxicity

Supplemental Health Hazard Information:	No Data. No additional health information available.
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IV. FIRST AID

Inhalation

Extreme Warning:	Remove to fresh air. Get medical attention immediately. Have a trained individual administer humidified oxygen. If not breathing, give artificial respiration.
General Warning:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Eyes

Extreme Warning:	Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.
General Warning:	No data.
Skin Contact	
Extreme Warning:	Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.
General Warning:	Wash with soap and water. Get medical attention if irritation develops or persists.
Ingestion	
Extreme Warning:	Do not induce vomiting and seek medical attention immediately. Drink two glasses of water or milk to dilute. Provide medical care provider with this MSDS.
General Warning:	Induce vomiting as a last measure. Induced vomiting may lead to aspiration of the material into the lungs potentially causing chemical pneumonitis that may be fatal.
Notes to MD:	No additional first aid information available.

V. FIRE FIGHTING MEASURES

Flammability Summary:

Flash Point:	41C; 106F
Autoignition Temperature:	n/a deg. C
Upper Flammable/Explosive Limit, % in air:	0.0 @ 77° F
Lower Flammable/Explosive Limit, % in air:	0.0 @ 77° F

Fire Hazards

Extreme Warning: Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.

General Warning: No data.

Extinguishing Media

Extreme Warning: Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire. Do Not direct a stream of water into the hot burning liquid.

General Warning: H2O, CO2, dry chemical, foam. Alcohol foam Carbon dioxide Dry chemical

Fire Fighting Instructions

Extreme Warning: Do not enter fire area without proper protection including self- contained breathing apparatus and full protective equipment.

General Warning: No data.

Hazardous Combustion Products: Carbon monoxide

VI. ACCIDENTAL RELEASE MEASURES

Health Consideration for Spill Response

Extreme Warning: No adverse health affects expected from the clean-up of spilled material. Follow personal protective equipment recommendations found in Section VIII of this MSDS.

General Warning: No data.

Spill Mitigation Procedures

General Methods:

Extreme Warning: No special spill clean-up considerations. Collect and discard in regular trash.

General Warning: No data.

VII. HANDLING AND STORAGE

Handling

Extreme Warning: Harmful or irritating material. Avoid contact and avoid breathing the material. Use

General Warning: only in a well ventilated area.
As with all chemicals, good industrial hygiene practices should be followed when handling this material. Wash thoroughly after handling. Avoid contact with material.

Storage

Extreme Warning: Store in a cool dry place. Isolate from incompatible materials.

General Warning: Spontaneous combustion can occur. Keep away from sources of ignition.

VIII. ENGINEERING CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT

Engineering Controls

Extreme Warning: Local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure.

General Warning: Engineering controls must be designed to meet the OSHA chemical specific standard in 29 CFR 1910.

Protective Equipment

Respiratory Tract

Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2-1992). A written respiratory protection program, including provisions for medical certification, training, fit testing, exposure assessments, maintenance, inspection, cleaning, and convenient, sanitary storage should be implemented.

Eyes

Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available.

Skin

Avoid skin contact by wearing chemically resistant gloves, an apron and other protective equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

IX. PHYSICAL DATA

Physical State:	Colored Liquid
Odor:	Oily Hydrocarbon
Solids Vol %	36.7081
Solids Wt %	42.3753
Material VOC lbs/gal:	3.5201
Material VOC gms/l:	422.7276
Weight per gallon:	7.0487000

X. STABILITY AND REACTIVITY

Stability Information

Extreme Warning: Stable under normal conditions.

General Warning: Spontaneous combustion can occur.

Conditions to Avoid

Extreme Warning: None known.

General Warning: Contamination.

Chemical Incompatibility: Strong oxidizing agents. Oxidizing materials.

Hazardous Polymerization: Hazardous Polymerization will not occur.

XI. TOXICOLOGICAL INFORMATION

Chemical Name	CAS Number	LD50/LC50
Cobalt	7440-48-4	Oral LD50 Rat : 6171 mg/kg
Benzene, trimethyl- (mixed isomers)	25551-13-7	Oral LD50 Rat : 8970 mg/kg

XII. ECOLOGICAL INFORMATION

Overview (for ingredients): No data available.
Ecological Toxicity Values:

XIII. DISPOSAL CONSIDERATIONS

Waste Description for Spent Product:

Extreme Warning: Spent or discarded material is a hazardous waste.
General Warning: Mixing spent or discarded material with other materials may render the mixture hazardous. Perform a hazardous waste determination on mixtures.

Disposal Methods:

Extreme Warning: Dispose of by incineration following Federal, State, Local, or Provincial regulations.
General Warning: Comply with all Local, State, Federal, and Provincial Environmental Regulations.

Potential EPA Waste Codes: If discarded, this product is considered a RCRA ignitable waste, D001.

Components Subject to USEPA Land Disposal Restrictions:

No chemicals subject to land disposal restrictions. %

XIV. TRANSPORTATION INFORMATION

DOT Gallon or less ship: ORM-D *** Label: None
Paint Combustible liquid UN1263 PG III

XV. REGULATORY INFORMATION

Toxic Substances Control Act (TSCA): A component (or components) of this product is not listed on the TSCA Inventory of Existing Chemical Substances.

Chemical Name	Regulation	CASRN	%
Cobalt	SARA 313 Reportable:	7440-48-4	6.02
Cobalt metal powder	California Proposition 65 Cancer List:	7440-48-4	6.02

XVI. ADDITIONAL INFORMATION

Other Information: IMPORTANT: WHILE THE DESCRIPTIONS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU PERFORM AN ASSESSMENT TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED, DATA OR INFORMATION SET FORTH. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, OR DATA PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, THE DESCRIPTIONS, DATA AND INFORMATION FURNISHED HEREUNDER ARE GIVEN GRATIS. NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DATA AND INFORMATION GIVEN ARE ASSUMED. ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK.

MSDS glossary.