



**MATERIAL
SAFETY
DATA SHEET**
Revised 31st October, 2006

DANISH OIL

SECTION 1: IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY

Product/Material: DANISH OIL
Part No: OIDA
Supplier: R.K. & J. Jones Limited
Address: Southery Road, Feltwell
 Thetford, Norfolk, IP26 4EH, UK.
Telephone: 01842 828101

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

NAME	EINECS Nr:	CLASSIFICATION	CONTENT:
CAS No: Naphtha (Petroleum) Hydrodesulfurized heavy; Low boiling pint (white spirit) 64742-82-1		Xn ,N, R-10,51/53,65,66	0-1%
Naphtha (Petroleum) Hydrotreated heavy, Low boiling point hydrogen, 64742-48-9		Xn, R-10, 65,66	30-60%

The full text for all R-Phrases are displayed in Section 16

SECTION 3: HAZARDS IDENTIFICATION

Flammable. Repeated exposure may cause skin dryness or cracking.

SECTION 4: FIRST AID MEASURES

General: Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

Inhalation: Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen.

Ingestion: DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! If vomiting occurs, keep head low so that stomach content doesn't get into lungs. Drink plenty of water. Get medical attention immediately! Provide rest, warmth and fresh air.

Skin: Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

Eyes: Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye-lids. Continue to rinse for at least 15 minutes and get medical attention.

SECTION 5 : FIRE FIGHTING MEASURES

- Extinguishing Media:** Fire can be extinguished using: Foam. Dry chemicals, sand, dolomite etc. DO NOT use direct water jet as this will scatter and spread the fire.
- Special Fire Fighting Procedures:** Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.
- Unusual Fire & Explosion Hazards:** May form explosive mixture with air at very high concentration. Vapours are heavier than air and may spread near ground to sources of ignition. May travel considerable distance to source of ignition and flash back.
- Hazardous combustion Products:** Fire creates: Carbon dioxide (CO₂) Carbon Monoxide (CO)
- Protective Measures in Fire:** Wear self-contained breathing apparatus and full protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Personal Precaution in Spill:** Wear suitable protective clothing as specified under section 8 of this safety data sheet – Exposure Controls and Personal Protection. Remove all sources of ignition. Ventilate area. Avoid breathing vapours.
- Spill Cleanup Methods:** Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Do not contaminate water sources or sewer.

SECTION 7 : HANDLING AND STORAGE

- Usage Precautions:** Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.
- Storage Precautions:** Keep in cool, dry, ventilated storage and closed containers. Keep in original container.
- Storage Criteria:** Flammable liquid storage.

SECTION 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENT NAME:	CAS No:	STD	LT EXP 8hrs	ST EXP 15 min
Naphtha (Petroleum) hydro-treated Heavy, low boiling point Hydrogen.	64742-48-9	OES	1000 mg/m ³	
Naphtha (Petroleum) hydro- desulfurized heavy, low boiling Point (white spirit)	64742-82-1	OES	600 mg/m ³	

Ingredient Comments: OES = Occupational Exposure Standard



Protective Equipment: Wear Oil resistant gloves and suitable eye protection.

Ventilation: Provide adequate general and local exhaust ventilation.

Respirators:	No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL)
Protective Gloves:	Use protective gloves made of nitrile or neoprene.
Eye Protection:	Wear approved safety goggles.
Other Protection:	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
Hygienic Work Practices:	DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap and water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. No eating or drinking while working with this material.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

Appearance:	Liquid
Odour:	Characteristic
Colour:	Yellowish
Solubility Description:	Insoluble in water.
Viscosity (interval)	16 – 20 cSt
Temperature(°C):	40
Flash Point(°C):	41
Auto Ignition Temp. (°C)	>200°C
Method:	N/A

SECTION 10 : STABILITY AND REACTIVITY

Stability:	Normally stable
Conditions to avoid:	Avoid contact with acids and oxidising substances.
Hazardous decomposition Products:	Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO) Carbon dioxide (CO ₂)

SECTION 11: TOXICOLOGICAL INFORMATION

Inhalation:	Exposure to organic solvent vapours in excess of the stated occupational exposure limit may result in adverse effects such as irritation of the mucous membrane and the respiratory system and adverse effects on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.
Ingestion:	Liquid irritates mucous membranes and may cause abdominal pain if swallowed.
Skin Contact:	Acts as a de-fatting agent on skin. May cause cracking of skin, and eczema. Prolonged or repeated exposure may cause severe irritation.
Eyes:	May cause severe irritation to eyes.
Target Organs:	Skin. Eyes. Respiratory system, lungs.

SECTION 12 : ECOLOGICAL INFORMATION

Bio-accumulation: There is no evidence that this material bio-accumulates and no long term eco-toxic effects are expected.

Degradability: Readily biodegradable.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Methods: Dispose of in accordance with Local Authority requirements.

SECTION 14 : TRANSPORT INFORMATION

Label for conveyance:

Un No. Road:	1268	UK Road Transport Class:	3
UK Road Pack GR:	III	ADR Class No:	3
ADR Item No:	31(c)	ADR Class:	Class 3:flammable
ADR Marginal:	2301	ADR Label No:	3
Hazchem code:	3Y	CEFIC TEC(R) No:	30G30

Proper shipping name: Petroleum distillates, N.O.S.(Naphtha (Petroleum) Hydrotreated heavy; Low boiling point hydrogen, naphtha (Petroleum) Hydrodesulfurized Heavy; low boiling point (white spirit)

RID Class No:	3	RID Item No:	31(c)
UN No.SEA:	1268	IMDG CLASS:	3
IMDG PACK GR:	III	EmS No;	3-07
MFAG Table No:	See guide	Marine Pollutant:	No
UN No;AIR:	1268	ICAO Class:	3
AIR PACK GR:	III		

SECTION 15 : REGULATORY INFORMATION

NC – Not classified

Risk Phrases:

R-10	Flammable
R-66	Repeated exposure may cause skin dryness or cracking

Safety Phrases:

S- 2	Keep out of reach of children
S-37	Wear suitable gloves
S-46	If swallowed, seek medical advice immediately and show this container or label.
S-51	Use only in well-ventilated areas.
S-56	Dispose of this material and its container to hazardous or special waste collection point.

Statutory Instruments: Chemicals (Hazard Information and Packaging) Regulations.

Approved code of practice: Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance notes: Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS (G)37. CHIP for everyone HSG (108)

SECTION 16 : OTHER HEALTH AND SAFETY INFORMATION

R-Phrases (Full text) R-10 Flammable. R-65 Harmful: may cause lung damage if swallowed. R-66 repeated exposure may cause skin dryness or cracking. R-51/53 toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

References should be made to the Health & Safety at Work Act.

Disclaimer:

If this product is re-distributed and re-formulated for sale, details of its hazards and recommended methods for safe handling must be passed to customers. Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customer's responsibility to ensure that a suitable and sufficient assessment of the risks created by a work activity using this product is undertaken before this product is used.

Note: The information contained in this Safety Data Sheet does not constitute the users own assessment of workplace risk as required by other Health & Safety Legislation (e.g. the Health and Safety at Work Act, 1974; the Control of Substances Hazardous to Health Regulations, 1988). The data given here is based on current knowledge and experience. The purpose of this data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the product's properties.

Our Ref: BT/SCANDINOIL/03/03

Ref: F COPE

Approved R Jones