



1. Identification of the Substance/Mixture and Supplier.

Product Name: HAARLEM DANISH OIL
 Uses: Wood Oil
 Supplier: SUPREME PAINTS LTD
 19 Ford Road
 Onekawa
 Napier
 New Zealand.
 Telephone: 06 650 5879
 Emergency Telephone: 021 389 669 (24 hrs)

2. Hazards Identification.

HSNO Status: Classified as hazardous according to the criteria of HSNO.

DG Status: Classified as Dangerous Goods according to NZS5433

HAZARD CLASSIFICATIONS		HAZARD STATEMENTS	GHS Pictogram
HSNO	GHS Equivalent		
3.1C	Flammable liquids, Cat 3	H226 Flammable liquid and vapour.	
6.1D (oral)	Acute toxicity: Oral, Cat 4	H302 Harmful if swallowed.	
6.1E (dermal)	Acute toxicity: Dermal, Cat 5	H313 May be harmful in contact with skin.	N/A
6.3A	Skin corrosion/irritation, Cat 2	H315 Causes skin irritation.	
6.4A	Serious eye damage/irritation, Cat 2A	H319 Causes serious eye irritation.	
6.5B	Skin sensitisation, Cat 1	H317 May cause an allergic skin reaction.	
9.1C	Aquatic toxicity (Chronic), Cat 3	H412 Harmful to aquatic life with long lasting effects.	N/A

Signal Word: WARNING

PREVENTION STATEMENTS

P102	Keep out of reach of children.
P103	Read label before use.
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing mist/vapours/spray.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.



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RESPONSE STATEMENTS		
P370 + P378	In case of fire: Use foam, carbon dioxide or dry chemical powder for extinction.	
P101	If medical advice is needed, have product container or label at hand.	
P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.	
P330	Rinse mouth.	
P303 + P361 + P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.	
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.	
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.	
P363	Wash contaminated clothing before reuse.	
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	
P337 + P313	If eye irritation persists: Get medical advice/attention.	
STORAGE STATEMENTS		
P403 + P235	Store in a well-ventilated place. Keep cool.	
DISPOSAL STATEMENTS		
P501	Do not let this product enter the environment. Do not dispose of in waterways or sewers. Dispose of this material and its container as hazardous waste, via a licensed facility. See local council for disposal/recycling information.	
3. Composition/Information on Ingredients.		
Chemical Entity	CAS Number	Proportion %w/w
Tung Oil	8001-20-5	30-60
Gum Turpentine	8006-64-2	30-60
Liquid Hydrocarbons	64742-82-1	<1
Balance of ingredients: Non-hazardous, or below the hazardous threshold.		
4. First Aid Measures.		
Swallowed	If swallowed do NOT induce vomiting. Give water to drink. Get medical attention if symptoms occur.	
Inhaled	If inhaled, move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped. Obtain medical attention if symptoms occur.	
Eye Contact	If splashed in the eyes, wash out immediately with water. Obtain medical attention if irritation occurs.	
Skin Contact	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Get medical attention if symptoms occur.	
Further Information	For advice contact the National Poisons Centre – 0800 POISON (0800 764 766) – or a doctor, immediately.	
5. Fire-Fighting Measures.		
Suitable extinguishing media	In case of fire, use water spray (fog), foam, dry chemical or CO ₂ .	
Unsuitable extinguishing media	High volume water jet.	
Hazards from the substance	In a fire or if heated, a pressure increase will occur and the container may burst.	
Hazardous combustion products	Decomposition products may include: Carbon oxides, Nitrogen oxides, Other noxious substances.	



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Special precautions for fire-fighters	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.		
Special protective equipment for fire fighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.		
6. Accidental Release Measures.			
Personal precautions	Wear appropriate Personal Protective Equipment (see section 8). Provide adequate ventilation.		
Environmental precautions	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).		
Small spill	Stop leak if without risk. Move containers from spill area. Absorb with an inert dry material and place in an appropriate waste disposal container. Eliminate all ignition sources. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor.		
Large spill	Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Eliminate all ignition sources. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.		
7. Handling and Storage.			
Handling	Wear appropriate PPE, and ensure there is adequate ventilation and extraction in the work area. Avoid skin or eye contact, or breathing in the product. Follow precautions listed in section 2 for handling flammable/combustible liquids.		
Storage	Keep container dry and tightly closed, in a cool, well-ventilated area, away from direct sunlight. Keep away from heat, sparks and open flame.		
8. Exposure Control/Personal Protection			
Exposure Standards			
Product/Ingredient	WES/TWA	WES/STEL	Reference
Gum Turpentine	100 ppm/ 556 mg/m ³	-	NZ WES
Engineering Controls	General ventilation and local exhaust should be suitable to keep vapour concentrations below WES/TWA. Ventilation equipment should be explosion-proof when operating in flammable zones.		
Personal Protection			
Respiratory	Wear a vapour respirator.		
Eyes	Wear chemical goggles/face protection.		
Hands	Wear chemical gloves – PVC, Polychlorpropene or Nitrile.		
Other	Wear overalls or dust coat. Use PVC apron when handling large quantities.		
9. Physical and Chemical Properties			
PROPERTY	SPECIFICATION		
Physical state	Liquid		
Colour	Translucent Light Brown		
Odour	Pungent		



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pH	N/A
Boiling Pt (turpentine)	149-180 deg C
Flash Pt	40 deg C PMCC
Explosive limits	0.8 – 6.0 % by volume
Vapour pressure	No data
Relative Density	0.90
Water Solubility	Insoluble
Viscosity	No data
Ignition temperature	No data

10. Stability and Reactivity

Stability	The product is stable
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	Heat, flames, inorganic acids
Incompatible materials	Strong oxidisers.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological Information

Original data sourced from raw material SDSs and/or EPA databases	
Classification:	Acute Oral Toxicity – 6.1D
Health Effects:	Harmful if swallowed
Reference:	See Acute Toxicity data below - Derived by applying mixture rules
Classification:	Acute Dermal Toxicity – 6.1E
Health Effects:	May be harmful in contact with skin
Reference:	See Acute Toxicity data below - Derived by applying mixture rules
Classification:	Skin Irritant – 6.3A
Health Effects:	Causes skin irritation.
Reference:	Derived by applying mixture rules.
Classification:	Eye Irritant – 6.4A
Health Effects:	Causes serious eye irritation.
Reference:	Derived by applying mixture rules.
Classification:	Skin Sensitiser – 6.5B
Health Effects:	May cause an allergic skin reaction
Reference:	Derived by applying mixture rules
Acute Inhalation Toxicity	Not Classified
Acute Aspiration Toxicity	Not Classified
Respiratory Sensitisation	Not Classified
Mutagenic	Not Classified
Carcinogenic	Not Classified
Reproductive/Development Toxicity	Not Classified
STOT-SE	Not Classified
STOT-RE	Not Classified



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Toxicity Data	
Product Acute Toxicity Estimate	
ORAL LD50 6.1D: 926 mg/kg	
DERMAL LD50 6.1E: 2037 mg/kg	
INHALATION LC50 (vapours) >20 mg/L/4H	
12. Ecological Information	
This product is classified as Ecotoxic according to the criteria of HSNO. H412 Harmful to aquatic life with long lasting effects.	
Product Calculated Aquatic Ecotoxicity – L(E)C50 mg/L:	
9.1C: >10 - ≤100	
Ingredients contributing to Aquatic Ecotoxicity:	
Ingredient	Classification
Gum Turpentine	9.1C
Liquid Hydrocarbons	9.1B
Persistence & Degradability	No data
Mobility	No data
Bioaccumulative Potential	No data
Other	No data
13. Disposal Considerations.	
Do not let this product enter the environment. Do not dispose of in waterways or sewers. Dispose of this material and its container as hazardous waste, via a licensed facility. See local council for disposal/recycling information.	
14. Transportation Information.	
Regulated for transport	Keep separated from foodstuffs
UN Number:	1263
Proper Shipping Name:	PAINT
Class:	3
Packing Group:	III
Hazchem:	3Y
Marine Pollutant:	No



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15. Regulatory Information.	
HSNO Classification:	3.1C, 6.1D(o), 6.1E(d), 6.3A, 6.4A, 6.5B, 9.1C
Group Standard:	HSR002662 Surface Coatings & Colorants - Flammable
HSNO CONTROLS	
Level 2: SDS required when any quantity is present in a workplace.	
At least 2 x 4.5kg powder fire extinguishers required when 500L is present in a workplace.	
Level 3: Emergency Response Plan and Secondary Containment required when >1000L is present in a workplace	
Flammable signage required when >1000L is stored.	
Toxic signage required when >10,000L is stored.	
Ecotoxic signage required when >1000L is stored.	
(Class 3.1C) Hazardous Substances Location Compliance Certificate required for:	>500L (closed containers >5L) >1500L (closed containers up to 5L) >250L (open containers)
(Class 3.1C) Hazardous Atmosphere Zone required for:	>100L (closed containers) >25L (decanting) >5L (open occasionally) >1L (open containers in continuous use)
Certified Handler	Not Required
Tracking	Not Required
All ingredients are on the New Zealand Inventory of Chemicals (NZIoC), or exempt.	
Any existing national regulations on the handling of dangerous substances should be observed. Controls for hazardous substances are based upon current knowledge. Where multiple chemicals are stored, controls will need to take into account aggregate quantities. Contact a WorkSafe approved Compliance Certifier for further information and guidance.	
16. Other Information.	
HSNO = Hazardous Substances and New Organisms Act 1996. EPA = Environmental Protection Authority NZ WES = New Zealand Work Exposure Standard TWA = Time Weighted Average STEL = Short Term Exposure Limit Date of SDS Preparation: 22 June 2018 Replaces Version Dated: 21 October 2016	

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe products in terms of their safety requirements. The above details do not imply any guarantee concerning composition, properties or performance of the product.