

408 PROCOAT DECK & FURNITURE OIL

Date of issue: 7.12.18

NZ Safety Data Sheet

1. Identification of the Substance/Mixture and Supplier.

Product name: 408 DECK & FURNITURE OIL
 Application: Wood oil
 Company: DECORA GROUP LTD
 7 Akatea Road,
 Glendene,
 Auckland,
 New Zealand.
 Telephone: 09 818 9215
 Facsimile: 09 818 7862
 Emergency telephone: 0800 761 333
 National Poisons Centre Tel: 0800 764766 (0800 POISON)

2. Hazards Identification.

HSNO Status: Classified as hazardous according to the criteria of HSNO. HSNO approval number HSR002662

DG Status: Classified as Dangerous Goods according to NZS5433

Signal Word: WARNING

HAZARD CLASSIFICATIONS HSNO	HAZARD STATEMENTS	GHS Pictogram
3.1C	H226 Flammable liquid and vapour.	
6.3B	H316 Causes mild skin irritation.	N/A
6.4A	H319 Causes serious eye irritation.	
6.5B	H317 May cause an allergic skin reaction.	
6.8B	H361 Suspected of damaging fertility or the unborn child.	
6.9B (repeat exposure)	H373 May cause damage to organs through prolonged or repeated exposure.	
9.1B	H411 Toxic to aquatic life with long lasting effects.	

PREVENTION STATEMENTS

P103	Read label before use.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
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.
P260	Do not breathe mist/vapours/spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.

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P280	Wear protective gloves/protective clothing/eye protection/face protection.	
P281	Use personal protective equipment as required.	
RESPONSE STATEMENTS		
P370 + P378	In case of fire: Use foam, carbon dioxide or dry chemical powder for extinction.	
P308 + P313	IF exposed or concerned: Get medical advice/attention.	
P314	Get medical advice/attention if you feel unwell.	
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.	
P391	Collect spillage.	
STORAGE STATEMENTS		
P403 + P235	Store in a well-ventilated place. Keep cool.	
P405	Store locked up.	
DISPOSAL STATEMENTS		
P501	Refer to Section 13.	
3. Composition/Information on Ingredients.		
Chemical Entity	CAS Number	Proportion %w/w
White Spirits – High Flash	Blend	30 - <60
Tung Oil	8001-20-5	10 - <30
Gum Turpentine	8006-64-2	1 - <10
Naphtha, petroleum, heavy	64742-82-1	1 - <10
Biocide	Blend	1 - <5
Xylene	1330-20-7	0.1 - <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 CO2.	
Unsuitable extinguishing media	High volume water jet.	
Hazards from the	In a fire or if heated, a pressure increase will occur and the container may burst.	

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substance			
Hazardous combustion products	Decomposition products may include: Carbon oxides, Nitrogen oxides, Other noxious substances.		
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			
No exposure limits set for the finished product. Listed components below.			
Product/Ingredient	WES/TWA	WES/STEL	Reference
Turpentine (wood)	100ppm, 553mg/m ³	-	NZ-WES
Xylene	50ppm, 217mg/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.		
Hands	Wear chemical gloves – PVC, Polychlorpropene or Nitrile.		
Other	Wear overalls or dust coat. Use PVC apron when handling large quantities.		

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9. Physical and Chemical Properties

PROPERTY	SPECIFICATION
Appearance (physical state, colour, etc.)	Liquid, various colours
Odour	Hydrocarbon
Odour threshold	Not available
pH	Not applicable
Melting point/freezing point	Not available
Initial boiling point and boiling range	Est. ~147°C
Flash point	Est. ~31°C
Flammability (solid, gas)	Not applicable
Upper/lower flammability or explosive limits	Vapours may form explosive mixtures with air
Vapour pressure	Not available
Vapour density	Not available
Relative density	0.83 – 0.85
Solubility	Not soluble in water
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	20-25 cP

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	Sources of ignition – heat, flames, sparks.
Incompatible materials	Strong acids and alkalis, oxidising agents.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological Information

Original data sourced from CCID and/or raw material SDSs:	
Classification:	Skin Irritant – 6.3B
Health Effects:	Causes mild 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

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Classification:	Reproductive/Development Toxicant – 6.8B
Health Effects:	Suspected of damaging fertility or the unborn child.
Data:	Derived by applying mixture rules
Classification:	STOT-RE – 6.9B
Health Effects:	May cause damage to organs through prolonged or repeated exposure.
Reference:	Derived by applying mixture rules
Acute Oral Toxicity	Does not trigger HSNO classification
Acute Dermal Toxicity	Does not trigger HSNO classification
Acute Inhalation Toxicity	Does not trigger HSNO classification
Acute Aspiration Toxicity	Does not trigger HSNO classification
Respiratory Sensitisation	Does not trigger HSNO classification
Mutagenic	Does not trigger HSNO classification
Carcinogenic	Does not trigger HSNO classification
STOT-SE	Does not trigger HSNO classification

Acute Toxicity Data

Product Acute Toxicity Estimate

ORAL LD50

>5000 mg/kg

DERMAL LD50

>5000 mg/kg

INHALATION LC50 (vapours)

>20 mg/L/4H

Product/Ingredient:	LD50 – Oral, mg/kg	LD50 – Dermal, mg/kg	LC50 – Inhalation, mg/L/4H
White Spirits - HF	3280 - Rat	-	18 – Vap - Rat
Gum Turpentine	5760 - Rat	-	12mg/L/6H - Rat
Xylene	1590 – Mouse	1100	27.6 – Vap – Rat

12. Ecological Information

This product is classified as Ecotoxic according to the criteria of HSNO.

H411 Toxic to aquatic life with long lasting effects.

Ecotoxic Ingredients:

Ingredient	Classification
White Spirits - HF	9.1B
Gum Turpentine	9.1C
Naphtha, petroleum, heavy	9.1B
Biocide	9.1A

Product Calculated Aquatic Ecotoxicity – L(E)C50 mg/L:

9.1B: >1 - ≤10

Ecotoxicity Data

White Spirits – HF (supplier's data)

Fish – Fathead minnow

LC50 7.72 mg/L / 96H



Crustacean – Cancer magister, Dungeness or edible crab

LC50 17 mg/L / 48H

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Persistence & Degradability - Not available	
Mobility - Not available	
Bioaccumulation Potential - Not available	
Other - Not available	
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:	Yes
Land/Sea/Air	EHSM also required for Sea/Air
	
15. Regulatory Information.	
Group Standard:	HSR002662 Surface Coatings & Colorants - Flammable
HSNO CONTROLS	
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.	
Emergency Response Plan and Secondary Containment required when >1000L is present in a workplace	
Flammable signage required when >1000L 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.	

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This material is not subject to the following agreements: <ul style="list-style-type: none">• Montreal Protocol (Ozone Depleting Substances)• The Stockholm Convention (Persistent Organic Pollutants)• The Rotterdam Convention (Prior Informed Consent)
16. Other Information.
HSNO = Hazardous Substances and New Organisms Act 1996. EPA = Environmental Protection Authority CCID = Chemical Classification and Information Database (EPA) NZ WES = New Zealand Work Exposure Standard TWA = Time Weighted Average STEL = Short Term Exposure Limit Date of SDS Preparation: 7 December 2018

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.