






Date of issue: 1.10.17

NZ Safety Data Sheet

1. Identification of the Substance/Mixture and Supplier.			
Product Name:	Low VOC Cleaner Solution D		
Uses:	Cleaning solution		
Supplier:	Nuralite Waterproofing Ltd 60D Leon Leicester Avenue Mt Wellington Auckland 1060 New Zealand.		
Telephone:	+64 9 579 2046		
Web:	www.nuralite.co.nz		
Emergency Telephone:	027 5350899 (General Manager) – 24 hrs		
National Poisons Centre Tel:	0800 POISON (0800 764766) – 24 hrs		
2. Hazards Identification.			
<b>Hazardous Status:</b> Classified as hazardous according to the criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.			
<b>DG Status:</b> Classified as Dangerous Goods according to NZS5433			
HAZARD CLASSIFICATIONS		HAZARD STATEMENTS	GHS Pictogram
HSNO	GHS Equivalent		
3.1B	Flammable liquids, Cat 2	H225 Highly flammable liquid and vapour.	
6.3A	Skin corrosion/irritation, Cat 2	H315 Causes skin irritation.	
6.4A	Serious eye damage/irritation, Cat 2A	H319 Causes serious eye irritation.	
Signal Word:		DANGER	
PREVENTION STATEMENTS			
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.		
P264	Wash thoroughly after handling.		
P280	Wear protective gloves/protective clothing/eye protection/face protection.		
RESPONSE STATEMENTS			
P370 + P378	In case of fire: Use foam, carbon dioxide or dry chemical powder for extinction.		
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.		
P332 + P313	If skin irritation occurs: Get medical advice/attention.		
P362	Take off contaminated clothing and wash 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.		



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<b>STORAGE STATEMENTS</b>		
P403 + P235	Store in a well-ventilated place. Keep cool.	
<b>DISPOSAL STATEMENTS</b>		
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.	
<b>3. Composition/Information on Ingredients.</b>		
<u>Chemical Entity</u>	<u>CAS Number</u>	<u>Proportion %w/w</u>
Parachlorobenzotrifluoride	98-56-6	40-60
Acetone	67-64-1	20-30
Methyl Ester	67784-80-9	10-20
All other components are non-hazardous or below the hazardous threshold		
<b>4. First Aid Measures.</b>		
<b>Swallowed</b>	If swallowed do NOT induce vomiting. Give water to drink. Get medical attention if symptoms occur.	
<b>Inhaled</b>	If inhaled, move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped. Obtain medical attention if symptoms occur.	
<b>Eye Contact</b>	If splashed in the eyes, wash out immediately with water. Obtain medical attention if irritation occurs.	
<b>Skin Contact</b>	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Get medical attention if symptoms occur.	
<b>Further Information</b>	For advice contact the National Poisons Centre – 0800 POISON (0800 764 766) – or a doctor, immediately.	
<b>5. Fire-Fighting Measures.</b>		
<b>Suitable extinguishing media</b>	In case of fire, use water spray (fog), foam, dry chemical or CO2.	
<b>Unsuitable extinguishing media</b>	High volume water jet.	
<b>Hazards from the substance</b>	In a fire or if heated, a pressure increase will occur and the container may burst.	
<b>Hazardous combustion products</b>	Decomposition products may include: Carbon oxides, Chlorine compounds, Fluoride compounds, Hydrocarbons.	
<b>Special precautions for fire-fighters</b>	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.	
<b>Special protective equipment for fire fighters</b>	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.	
<b>6. Accidental Release Measures.</b>		
<b>Personal precautions</b>	Wear appropriate Personal Protective Equipment (see section 8). Provide adequate ventilation.	
<b>Environmental precautions</b>	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).	



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<b>Small spill</b>	Stop leak if without risk. Move containers from spill area. Absorb with an inert dry material and place in an appropriate waste disposal container. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor.
<b>Large spill</b>	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). 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.**

<b>Handling</b>	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.
<b>Storage</b>	Keep container dry and tightly closed, in a cool, well-ventilated area, away from direct sunlight.

**8. Exposure Control/Personal Protection**

**Exposure Standards**

Product/Ingredient	WES/TWA	WES/STEL	Reference
Acetone	500ppm, 1185mg/m3	1000ppm, 2375mg/m3	NZ-WES

<b>Engineering Controls</b>	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.
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<b>Personal Protection</b>	
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	Clear
Odour	Mild
pH	No data
Boiling Pt	>55°C
Melting Pt	-33°C
Flash Pt	21°C cc
Explosive properties	LEL: 0.9%(v); UEL: 10.5%(v)
Evaporation rate	0.9 (n-Butyl Acetate)
Vapour pressure	213 mm Hg @ 25°C
Vapour Density	6.24 (Air = 1)
Density	0.789 kg/L
Water Solubility	Negligible
Viscosity	No data
Ignition temperature	No data




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<b>10. Stability and Reactivity</b>			
<b>Stability</b>	The product is stable		
<b>Possibility of hazardous reactions</b>	Under normal conditions of storage and use, hazardous reactions will not occur.		
<b>Conditions to avoid</b>	Avoid flames, sparks, static electricity or other sources of ignition. Avoid oxidisers.		
<b>Incompatible materials</b>	Strong oxidising agents, acids, bases.		
<b>Hazardous decomposition products</b>	Carbon oxides, Chlorine compounds, Fluoride compounds, Hydrocarbons. Methanol may evolve if hydrolysed or siphoned.		
<b>11. Toxicological Information</b>			
Original data sourced from CCID, plus overseas ingredient SDS			
<b>Classification:</b>	Skin Corrosion/Irritancy – 6.3A		
<b>Health Effects:</b>	Causes skin irritation.		
<b>Reference:</b>	Determined by applying mixture rules.		
<b>Classification:</b>	Eye Corrosion/Irritancy – 6.4A		
<b>Health Effects:</b>	Causes serious eye irritation.		
<b>Reference:</b>	Determined by applying mixture rules.		
<b>Acute Oral Toxicity</b>	Not Classified		
<b>Acute Dermal Toxicity</b>	Not Classified		
<b>Acute Inhalation Toxicity</b>	Not Classified		
<b>Acute Aspiration Toxicity</b>	Not Classified		
<b>Respiratory Sensitisation</b>	Not Classified		
<b>Skin Sensitisation</b>	Not Classified		
<b>Mutagenic</b>	Not Classified		
<b>Carcinogenic</b>	Not Classified		
<b>Reproductive/Development Toxicity</b>	Not Classified		
<b>STOT-SE</b>	Not Classified		
<b>STOT-RE</b>	Not classified		
<b>Toxicity Data</b>			
<b>Product Calculated Acute Toxicity</b>			
ORAL LD50 >5000 mg/kg			
DERMAL LD50 >5000 mg/kg			
INHALATION LC50 (vapours) >20 mg/L/4H			
<b>Ingredient:</b>	<b>Oral LD50 mg/kg</b>	<b>Dermal LD50 mg/kg</b>	<b>Inhalation LC50 mg/L/4H</b>
Acetone	3000 – Mouse	-	-

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12. Ecological Information	
<p>This product is not classified as Ecotoxic according to the criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.                  Persistence &amp; Degradability: Data not available.                  Mobility: Data not available.                  Bioaccumulative Potential: Data not available</p>	
13. Disposal Considerations.	
<p>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.</p>	
14. Transportation Information.	
Regulated for transport UN Number: Proper Shipping Name: Class: Packing Group: Hazchem: Marine Pollutant:	Keep separated from foodstuffs 1993 Flammable Liquid, NOS (contains Acetone, Parachlorobenzotrifluoride) 3 II 2YE No
	
15. Regulatory Information.	
HSNO Classification:	3.1B, 6.3A, 6.4A
Group Standard:	HSR002662 Surface Coatings & Colorants - Flammable
HSNO CONTROLS	
Level 2: MSDS required when any quantity is present in a workplace.	
At least 2 x 4.5kg powder fire extinguishers required when 250L 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 >250L is stored.	
Location and transit depot test certification required for quantities greater than: 100L (closed containers >5L), 250L (closed containers up to 5L), 50L (open containers).	
Hazardous atmosphere zone required for quantities greater than: 100L (closed containers), 25L (decanting), 5L (open occasionally), 1L (open containers in continuous use).	
Approved Handler required when present in quantities >250L (containers >5L), or 500L (containers up to 5L)	
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 an EPA/WorkSafe approved test certifier for further information and guidance.	



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**16. Other Information.**

HSNO = Hazardous Substances and New Organisms Act.  
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: 1 October 2017

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.