



## SAFETY DATA SHEET

### Section 1. Identification of the material and the supplier

Product: **Dinitrol 447 Black**  
Product Use: Anti-corrosive coating  
Restriction of Use: Refer to Section 15

New Zealand Supplier: **Auto Body Equipment**  
Address: 17 The Boulevard  
Te Rapa, Hamilton, 3200  
New Zealand

Telephone: +64 7 849 3514  
Email: office@abe.co.nz  
**Emergency No: 0800 764 766 (National Poison Centre)**

Date of SDS Preparation: 28 April 2023

### Section 2. Hazards Identification

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

**EPA Approval No: Corrosive Inhibitor (Flammable) – HSR002548**

#### Pictograms:



Flammable



Irritant



Chronic



Ecotoxic

Signal Word: **DANGER**

GHS Classification and Category	Hazard Code	Hazard Statement
Flammable Liquids Cat. 2	H225	Highly flammable liquid and vapour.
Skin irritation Cat. 2	H315	Causes skin irritation.
Eye irritation Cat. 2	H319	Causes serious eye irritation.
Skin sensitisation Cat. 1	H317	May cause an allergic skin reaction.
Specific target organ toxicity – repeated exposure Cat. 2	H373	May cause damage to organs through prolonged or repeated exposure.
specific target organ toxicity – single exposure Cat 3 - Narcotic Effects	H336	May cause drowsiness or dizziness.
Hazardous to the aquatic environment chronic Cat. 2	H411	Toxic to aquatic life with long lasting effects.

Prevention Code	Prevention Statement
P103	Read carefully and follow all instructions.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P240	Ground and bond container and receiving equipment.
P241	Use explosion-proof [electrical, ventilating and lighting] equipment
P242	Use non-sparking tools.
P243	Take action to prevent static discharge.
P260	Do not breathe dust, fumes, gas, mist, vapours or spray.
P264	Wash hands thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective clothing as detailed in Section 8.

Response Code	Response Statement
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P362	Take off contaminated clothing and wash it before reuse.
P391	Collect spillage.
P303 + P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P370 + P378	In case of fire: Use alcohol resistant foam, carbon dioxide (CO <sub>2</sub> ), extinguishing powder or water fog to extinguish.

Storage Code	Storage Statement
P405	Store locked up.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P403 + P235	Store in a well-ventilated place. Keep cool.

Disposal Code	Disposal Statement
P501	Dispose of according to Local Regulations or Authorities

### Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Naphtha (petroleum), hydrotreated light	30-<40	64742-49-0
Xylene	10-<15	1330-20-7
Rosin, colophony	5-<10	8050-09-7
Ethyl acetate	1-<5	141-78-6
Formaldehyde, polymer with 4-(1,1-dimethylethyl)phenol	1-<5	25085-50-1
Hydrocarbons, C <sub>9</sub> , aromatics	1-<5	64742-95-6
Ethanol	1-<5	64-17-5
Trizinc bis(orthophosphate)	<1	7779-90-0

### Section 4. First Aid Measures

Routes of Exposure:

If in Eyes                      Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist.

If on Skin	Wash with plenty of water/Soap. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.
If Swallowed	If swallowed, rinse mouth with water (only if the person is conscious). Call a physician immediately. Do NOT induce vomiting. Put victim at rest, cover with a blanket and keep warm.
If Inhaled	Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Apply artificial respiration if not breathing. Get medical advice if breathing becomes difficult.

**Most important symptoms and effects, both acute and delayed**

Symptoms:	
Swallowed:	Not applicable.
Inhalation:	May cause drowsiness or dizziness.
Skin:	Causes skin irritation. May cause an allergic skin reaction.
Eyes:	Causes serious eye irritation.
Chronic:	May cause damage to organs through prolonged or repeated exposure.

**Section 5. Fire Fighting Measures**

<b>Hazard Type</b>	Flammable Liquid
<b>Hazards from products</b>	Combustible. Vapours can form explosive mixtures with air. Formation of: Carbon monoxide
<b>Suitable Extinguishing media</b>	Alcohol resistant foam, Carbon dioxide (CO <sub>2</sub> ), Extinguishing powder. Water fog. Do not use high power water jet.
<b>Precautions for firefighters and special protective clothing</b>	Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit. Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
<b>HAZCHEM CODE</b>	<b>3YE</b>

**Section 6. Accidental Release Measures**

Wear protective gear as detailed in Section 8. Remove all sources of ignition. Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes.

Do not allow to enter into surface water or drains.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Prevent spread over a wide area (e.g. by containment or oil barriers). Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

Dispose of waste according to the applicable local regulations detailed in Section 13.

**Section 7. Handling and Storage**

**Precautions for Handling:**

- Read carefully and follow all instructions.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Keep container tightly closed.
- Ground and bond container and receiving equipment.
- Use explosion-proof [electrical, ventilating and lighting] equipment.

- Use non-sparking tools.
- Take action to prevent static discharge.
- Do not breathe dust, fumes, gas, mist, vapours or spray.
- Wash hands thoroughly after handling.
- Use only outdoors or in a well-ventilated area.
- Contaminated work clothing should not be allowed out of the workplace.
- Avoid release to the environment.
- Wear protective clothing as detailed in Section 8.
- If handled uncovered, arrangements with local exhaust ventilation have to be used.
- If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.
- Remove contaminated, saturated clothing immediately.
- Wash hands and face before breaks and after work and take a shower if necessary.
- When using do not eat or drink.

#### Precautions for Storage:

- Store away from oxidizing agents, strong acid and strong alkalis
- Store locked up.
- Store in a well-ventilated place. Keep container tightly closed.
- Keep in a cool, dry, away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Keep away from direct sunlight.

### Section 8 Exposure Controls / Personal Protection

#### WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Xylene (o-, m-, p-isomers) [1330-20-7]	50	217	-	-
Ethyl acetate [141-78-6]	200	720	-	-
Ethyl alcohol (Ethanol) [64-17-5]	1000	1880	-	-

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices APRIL 2022 13TH EDITION.

#### DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
64742-49-0 Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane				
	worker DNEL, long-term	inhalation	systemic	2035 mg/m <sup>3</sup>
	worker DNEL, long-term	dermal	systemic	773 mg/kg bw/day
	Consumer DNEL, long-term	inhalation	systemic	608 mg/m <sup>3</sup>
	Consumer DNEL, long-term	dermal	systemic	699 mg/kg bw/day
	Consumer DNEL, long-term	oral	systemic	699 mg/kg bw/day
1330-20-7 xylene				
	Consumer DNEL, long-term	oral	systemic	1,6 mg/kg bw/day
	worker DNEL, long-term	dermal	systemic	180 mg/kg bw/day
	Consumer DNEL, long-term	dermal	systemic	108 mg/kg bw/day
	worker DNEL, long-term	inhalation	systemic	77 mg/m <sup>3</sup>
	Consumer DNEL, long-term	inhalation	systemic	14,8 mg/m <sup>3</sup>
8050-09-7 Rosin, colophony				
	worker DNEL, long-term	inhalation	systemic	117 mg/m <sup>3</sup>
	worker DNEL, long-term	dermal	systemic	17 mg/kg bw/day

Consumer DNEL, long-term	inhalation	systemic	35 mg/m <sup>3</sup>
Consumer DNEL, long-term	dermal	systemic	10 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	10 mg/kg bw/day
141-78-6 ethyl acetate			
worker DNEL, long-term	inhalation	systemic	734 mg/m <sup>3</sup>
worker DNEL, acute	inhalation	systemic	1468 mg/m <sup>3</sup>
worker DNEL, long-term	inhalation	local	734 mg/m <sup>3</sup>
worker DNEL, acute	inhalation	local	1468 mg/m <sup>3</sup>
worker DNEL, long-term	dermal	systemic	63 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	367 mg/m <sup>3</sup>
Consumer DNEL, acute	inhalation	systemic	734 mg/m <sup>3</sup>
Consumer DNEL, long-term	dermal	systemic	37 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	4,5 mg/kg bw/day
64742-49-0 Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics			
worker DNEL, long-term	inhalation	systemic	871 mg/m <sup>3</sup>
worker DNEL, long-term	dermal	systemic	208 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	185 mg/m <sup>3</sup>
Consumer DNEL, long-term	dermal	systemic	125 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	125 mg/kg bw/day
64742-95-6 Hydrocarbons, C9, aromatics			
worker DNEL, long-term	inhalation	systemic	150 mg/m <sup>3</sup>
worker DNEL, long-term	dermal	systemic	25 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	32 mg/m <sup>3</sup>
Consumer DNEL, long-term	dermal	systemic	11 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	11 mg/kg bw/day
64-17-5 Ethanol			
Consumer DNEL, long-term	dermal	systemic	206 mg/kg bw/day
worker DNEL, long-term	dermal	systemic	343 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	114 mg/m <sup>3</sup>
worker DNEL, long-term	inhalation	systemic	950 mg/m <sup>3</sup>
worker DNEL, acute	inhalation	local	1900 mg/m <sup>3</sup>
Consumer DNEL, acute	inhalation	local	950 mg/m <sup>3</sup>
7779-90-0 trizinc bis(orthophosphate)			
worker DNEL, long-term	inhalation	systemic	5 mg/m <sup>3</sup>
worker DNEL, long-term	dermal	systemic	83 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	2,5 mg/m <sup>3</sup>
Consumer DNEL, long-term	dermal	systemic	83 mg/kg bw/day
Consumer DNEL, acute	oral	systemic	0,83 mg/kg bw/day

#### PNEC values

CAS No	Substance	Environmental compartment	value
1330-20-7	xylene	Freshwater	0,327 mg/l
		Marine water	0,327 mg/l
		Freshwater sediment	12,46 mg/kg
		Marine sediment	12,46 mg/kg
		Micro-organisms in sewage treatment plants (STP)	6,58 mg/l
		Soil	2,31 mg/kg
8050-09-7	Rosin, colophony		

Freshwater	0,005 mg/l
Marine water	0,0005 mg/l
Freshwater sediment	0,007 mg/kg
Marine sediment	0,0007 mg/kg
Micro-organisms in sewage treatment plants (STP)	1000 mg/l
Soil	21,4 mg/kg
<b>141-78-6 ethyl acetate</b>	
Freshwater	0,24 mg/l
Marine water	0,024 mg/l
Freshwater sediment	1,15 mg/kg
Marine sediment	0,115 mg/kg
Secondary poisoning	0,20 mg/kg
Micro-organisms in sewage treatment plants (STP)	650 mg/l
Soil	0,148 mg/kg
<b>7779-90-0 trizinc bis(orthophosphate)</b>	
Freshwater	0,0206 mg/l
Marine water	0,0061 mg/l
Freshwater sediment	117,8 mg/kg
Marine sediment	56,5 mg/kg
Micro-organisms in sewage treatment plants (STP)	0,100 mg/l
Soil	35,6 mg/kg

### Engineering Controls

Provide adequate ventilation.

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

### Personal Protection Equipment



<b>Eyes</b>	Eye glasses with side protection (EN 166).
<b>Hands</b>	Tested protective gloves must be worn (EN ISO 374): FKM (fluoro rubber), Breakthrough time: PVA (Polyvinyl alcohol), Breakthrough time: NBR (Nitrile rubber), Breakthrough time: Butyl caoutchouc (butyl rubber), Breakthrough time: For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Protective gloves have to be replaced at the first sign of deterioration. Protect skin by using skin protective cream.
<b>Skin</b>	Wear anti-static footwear and clothing.
<b>Respiratory</b>	Work in well-ventilated zones or use proper respiratory protection. gas filtering equipment (EN 141),, Filter material/medium: A2/P2

## Section 9 Physical and Chemical Properties

<b>Form</b>	Liquid
<b>Colour</b>	Black
<b>Odour</b>	Characteristic
<b>Odour Threshold</b>	Not available
<b>pH @20°C</b>	Not available
<b>Boiling Point</b>	88°C

<b>Melting Point</b>	Not available
<b>Freezing Point</b>	Not available
<b>Flash Point</b>	-12°C DIN 51755
<b>Flammability</b>	Flammable Liquid
<b>Upper and Lower Explosive Limits</b>	0.8 Vol% - 7.7 Vol %
<b>Vapour Pressure @20°C</b>	85 hPa
<b>Density@ 20°C</b>	1.02 – 1.06 g/cm <sup>3</sup> ISO 2811
<b>Specific Gravity</b>	Not available
<b>Water Solubility</b>	Insoluble in water.
<b>Partition Coefficient:</b>	Not available
<b>Auto-Ignition Temperature</b>	>200°C
<b>Decomposition Temperature</b>	Not available
<b>Dynamic / Viscosity @20°C</b>	400-600 mPa·s
<b>Particle Characteristics</b>	Not available
<b>Solvent content</b>	51,80 %, water: 0,02 %
<b>Solids content</b>	46-50 %

### Section 10. Stability and Reactivity

<b>Stability of Substance</b>	The product is stable under storage at normal ambient temperatures.
<b>Possibility of hazardous reactions</b>	No hazardous reaction when handled and stored according to provisions.
<b>Conditions to Avoid</b>	Keep away from heat and sources of ignition.
<b>Incompatible Materials</b>	None known.
<b>Hazardous Decomposition Products</b>	Carbon monoxide.

### Section 11 Toxicological Information

#### Acute Effects:

<b>Swallowed</b>	Not applicable. ATE (oral) 2282,2 mg/kg
<b>Dermal</b>	Not applicable. ATE (dermal) 17157,5 mg/kg
<b>Inhalation</b>	Not applicable. ATE (inhalation vapour) 94,37 mg/l; ATE (inhalation dust/mist) 12,868 mg/l
<b>Eye</b>	Causes serious eye irritation.
<b>Skin</b>	Causes skin irritation. May cause an allergic skin reaction.

#### Chronic Effects:

<b>Carcinogenicity</b>	Not applicable.
<b>Reproductive Toxicity</b>	Not applicable.
<b>Germ Cell Mutagenicity</b>	Not applicable.
<b>Aspiration</b>	Not applicable.
<b>STOT/SE</b>	Not applicable.
<b>STOT/RE</b>	May cause drowsiness or dizziness. May cause damage to organs through repeated or prolonged exposure.

#### Acute Toxicity for components:

CAS No	Chemical name	Exposure route	Dose	Species	Source	Method

64742-49-0	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane					
	oral	LD50 mg/kg	> 5840	Rat		
	dermal	LD50 mg/kg	>2920	Rabbit		
	inhalation (4 h) vapour	LC50	> 25 mg/l	Rat		
1330-20-7	xylene					
	oral	LD50 mg/kg	8700	Rat		
	dermal	LD50 mg/kg	2000	Rabbit		
	inhalation (4 h) vapour	LC50 mg/l	10-20	Rat		
	inhalation dust/mist	ATE	1,5 mg/l			
8050-09-7	Rosin, colophony					
	oral	LD50 mg/kg	2800	Rat		
	dermal	LD50 mg/kg	>2000	Rat		
141-78-6	ethyl acetate					
	oral	LD50 mg/kg	> 2000	Rabbit		
	dermal	LD50 mg/kg	>20000	Rabbit		
	inhalation (4 h) vapour	LC50	30 mg/l	Rat		
64742-49-0	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics					
	oral	LD50 mg/kg	4951	Rat		
	dermal	LD50 mg/kg	5000	Rabbit		
	inhalation (4 h) vapour	LC50	4951 mg/l	Rat		
64742-95-6	Hydrocarbons, C9, aromatics					
	oral	LD50 mg/kg	3492	Rat		
	dermal	LD50 mg/kg	>3160	Rabbit		
64-17-5	Ethanol					
	oral	LD50 mg/kg	10470	Rat		
	dermal	LD50 mg/kg	> 2000	Rabbit		
	inhalation (4 h) vapour	LC50	> 50 mg/l	Rat		
7779-90-0	trizinc bis(orthophosphate)					
	oral	LD50 mg/kg	> 5000	Rat		
	inhalation (4 h) dust/mist	LC50 mg/l	> 5,7	Rat		

## Section 12. Ecotoxicological Information

Toxic to aquatic life with long lasting effects.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
64742-49-0	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane					
	Acute fish toxicity	LC50 mg/l	10-100	96 h	Pimephales promelas (fathead minnow)	
	Acute algae toxicity	ErC50 mg/l	30-100	72 h	Pseudokirchneriella subcapitata	



	Acute crustacea toxicity	EC50 mg/l	> 1 - 10	48 h	Daphnia magna (Big water flea)		
	Fish toxicity	NOEC mg/l	2,045	28 d	Oncorhynchus mykiss (Rainbow trout)		
	Crustacea toxicity	NOEC	1 mg/l	21 d	Daphnia magna (Big water flea)		
1330-20-7	xylene						
	Acute fish toxicity	LC50	86 mg/l	96 h	Leuciscus idus (golden orfe)		
	Acute algae toxicity	ErC50	2-8 mg/l		Selenastrum capricornutum		
	Acute crustacea toxicity	EC50 mg/l	1-10	48 h			
8050-09-7	Rosin, colophony						
	Acute algae toxicity	ErC50 mg/l	400-410	72 h	Scenedesmus subspicatus		
	Fish toxicity	NOEC	>1 mg/l	4 d	Danio rerio (zebrafish)		
	Acute bacteria toxicity	(EC50 mg/l)	>10000	3 h	Activated sludge		
141-78-6	ethyl acetate						
	Acute fish toxicity	LC50	230 mg/l	96 h	Pimephales promelas (fathead minnow)		
	Acute algae toxicity	ErC50 mg/l	3300		Desmodesmus subspicatus	48 h	
	Acute crustacea toxicity	EC50	717 mg/l	48 h	Daphnia magna (Big water flea)		
	Acute bacteria toxicity	(EC50 mg/l)	2900		Pseudomonas putida	16 h	
64742-95-6	Hydrocarbons, C9, aromatics						
	Acute fish toxicity	LC50	9,2 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)		
	Acute algae toxicity	ErC50	2,9 mg/l	72 h	Pseudokirchneriella subcapitata		
	Acute crustacea toxicity	EC50	3,2 mg/l	48 h	Daphnia magna (Big water flea)		
64-17-5	Ethanol						
	Acute algae toxicity	ErC50	275 mg/l	72 h	Chlorella vulgaris		
	Acute crustacea toxicity	EC50 mg/l	> 10000	48 h	Daphnia magna (Big water flea)		

### **Persistence and Degradability:**

There are no data available on the mixture itself.

CAS No	Chemical name	Method	Value	d	Source
		Evaluation			
64742-49-0	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	OECD 301F	98%	28	
	Readily biodegradable (according to OECD criteria).				
141-78-6	ethyl acetate	OECD 301D/ EEC 92/69/V, C.4-E	100 %	28	
	Readily biodegradable (according to OECD criteria).				

### **Bioaccumulative Potential:**

There are no data available on the mixture itself.

CAS No	Chemical name	Log Pow
64742-49-0	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	3,4-5,2
141-78-6	ethyl acetate	0,73

### **Mobility in Soil:**

There are no data available on the mixture itself.

Do not allow to enter waterways.

### Section 13. Disposal Considerations

#### Disposal Method:

Spent media that has removed toxic chemicals should be examined for specific hazards. Spilled product may be recovered for use if it has not come in contact with liquids or been exposed to significant amounts of gaseous contaminants. Dispose of according to Local Regulations.

Ensure any container holding waste product or contaminated spill media is labelled "Hazardous Waste – "Flammable Liquid, Ecotoxic" and that the label also has the Flammable and Ecotoxic Pictogram, and the business name, address, and phone number.

**Precautions or methods to avoid:** Do not allow to enter waterways.

### Section 14 Transport Information

**This product is classified as a Dangerous Good for transport in NZ ; NZS 5433:2020 and SNZ HB 5433:2021**



#### Road, Rail, Sea and Air Transport

<b>UN No</b>	1139
<b>Class - Primary</b>	3
<b>Packing Group</b>	II
<b>Proper Shipping Name</b>	COATING SOLUTIONS
<b>Marine Pollutant</b>	YES
<b>Special Provisions</b>	If the product's individual container is below 5L, it can be transported as a non-DG as long as the product packaging is still labelled as per DG requirements and the driver is given safety information in accordance with Chapter 3.4 of the UNRTDG.

### Section 15 Regulatory Information

#### New Zealand:

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval Code: Corrosive Inhibitor (Flammable) – HSR002548

<b>HSW (HS) Regulations 2017 and EPA Notices</b>	<b>Trigger Quantity</b>
Certified Handler	Not required
Location Certificate	100L (>5L), 250L(<5L), 50L open
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	250L
Emergency Response Plan	1000L
Secondary Containment	1000L
Fire Extinguishers	250L - require 2X
Restriction of Use	Only use for the intended purpose.

### Section 16 Other Information

#### Glossary

EC<sub>50</sub>

Median effective concentration.

EEL

Environmental Exposure Limit.

EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC <sub>50</sub>	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD <sub>50</sub>	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices April 2022 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2020
5. HSW (Hazardous Substances) Regulations 2017

Disclaimer

This document has been prepared by TCC (NZ) Ltd and serves as the suppliers Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to TCC (NZ) Ltd or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While TCC (NZ) have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, TCC (NZ) Ltd accept no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS

The information herein is given in good faith, but no warranty, express or implied is made.

Please contact Auto Body Equipment, if further information is required.

Issue Date: 28 April 2023                      Review Date: 28 April 2028