



## SAFETY DATA SHEET

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

Product: **Dinitrol 447 Spray**  
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: Aerosols (Flammable) – HSR002515**

#### Pictograms:



Flammable



Irritant



Chronic

Signal Word: **DANGER**

GHS Classification and Category	Hazard Code	Hazard Statement
Aerosol Cat. 1	H222	Extremely flammable aerosol.
	H229	Pressurised container: May burst if heated
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. 3	H412	Harmful to aquatic life with long lasting effects.

<b>Prevention Code</b>	<b>Prevention Statement</b>
P103	Read carefully and follow all instructions.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P260	Do not breathe 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.

<b>Response Code</b>	<b>Response Statement</b>
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P314	Get medical advice/attention if you feel unwell.
P362	Take off contaminated clothing and wash it before reuse.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
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.

<b>Storage Code</b>	<b>Storage Statement</b>
P405	Store locked up.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P410 + P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

<b>Disposal Code</b>	<b>Disposal Statement</b>
P501	Dispose of according to Local Regulations or Authorities

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

<b>Ingredients</b>	<b>Wt%</b>	<b>CAS NUMBER.</b>
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics	10-<20	64742-49-0
Xylene	10-<20	1330-20-7
Ethyl acetate	10-<15	141-78-6
Ethanol	1-<5	64-17-5
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	1-<5	EC No: 927-241-2
Formaldehyde, polymer with 4-(1,1-dimethylethyl)phenol	1-<5	25085-50-1
Rosin, colophony	<1	8050-09-7
Ethylbenzene	<1	100-41-4

### **Section 4. First Aid Measures**

Routes of Exposure:

If in Eyes                      Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice or 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 Aerosol
<b>Hazards from products</b>	Danger of serious damage to health by prolonged exposure. Do not inhale explosion and combustion gases. Use appropriate respiratory protection.
<b>Suitable Extinguishing media</b>	Alcohol resistant foam, Carbon dioxide (CO2), Extinguishing powder. Water fog. Do not use high power water jet.
<b>Precautions for firefighters and special protective clothing</b>	In case of fire: Wear self-contained breathing apparatus. 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>None allocated</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.
- Do not spray on an open flame or other ignition source.
- Do not pierce or burn, even after use.
- Do not breathe fumes, gas, mist, vapours or spray.
- Heating causes rise in pressure with risk of bursting.
- 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 incompatible materials listed in Section 10.
- Store locked up.
- Store in a well-ventilated place. Keep container tightly closed.
- Protect from sunlight. Do not expose to temperatures exceeding 50 °C.
- Keep in a cool, away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### 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	-	-
Ethyl benzene [100-41-4]	20	88	40	176

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
1330-20-7 xylene				
	worker DNEL, long-term	dermal	systemic	108 mg/kg bw/day
	worker DNEL, acute	inhalation	systemic	289 mg/m <sup>3</sup>
	worker DNEL, acute	inhalation	local	174 mg/m <sup>3</sup>
	worker DNEL, long-term	inhalation	systemic	77 mg/m <sup>3</sup>
	Consumer DNEL, long-term	oral	systemic	1,6 mg/kg bw/day
	Consumer DNEL, long-term	dermal	systemic	108 mg/kg bw/day
	Consumer DNEL, acute	inhalation	systemic	174 mg/m <sup>3</sup>
	Consumer DNEL, acute	inhalation	local	174 mg/m <sup>3</sup>
	Consumer DNEL, long-term	inhalation	systemic	14,8 mg/m <sup>3</sup>
64742-49-0Hydrocarbons, 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
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
64742-49-0Hydrocarbons, 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
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>
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)			
Worker DNEL, long-term	inhalation	systemic	330 mg/m <sup>3</sup>
Worker DNEL, long-term	dermal	systemic	44 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	71 mg/m <sup>3</sup>
Consumer DNEL, long-term	dermal	systemic	26 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	26 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>
8050-09-7Rosin, 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
1333-86-4Carbon Black			
Worker DNEL, long-term	inhalation	systemic	2 mg/m <sup>3</sup>
Worker DNEL, long-term	inhalation	local	2 mg/m <sup>3</sup>
100-41-4 ethylbenzene			
Worker DNEL, long-term	inhalation	systemic	77 mg/m <sup>3</sup>
Worker DNEL, acute	inhalation	local	293 mg/m <sup>3</sup>
Worker DNEL, long-term	dermal	systemic	180 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	15 mg/m <sup>3</sup>
Consumer DNEL, long-term	oral	systemic	1,6 mg/kg bw/day

## PNEC values

CAS No	Substance	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
141-78-6 ethyl acetate		
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
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
1333-86-4 Carbon Black		
Freshwater		5 mg/l
Marine water		5 mg/l
100-41-4 ethylbenzene		
Freshwater		0,1 mg/l
Marine water		0,01 mg/l
Freshwater sediment		13,7 mg/kg
Marine sediment		1,37 mg/kg
Secondary poisoning		0,02 mg/kg
Micro-organisms in sewage treatment plants (STP)		9,6 mg/l
Soil		2,68 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): PVA (Polyvinyl alcohol), Breakthrough time: 480 min. NBR (Nitrile rubber), Breakthrough time: 30 min. Butyl caoutchouc (butyl rubber) Breakthrough time: 60 min. 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: A/P2

## Section 9 Physical and Chemical Properties

<b>Form</b>	Aerosol
<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>	-11.7°C
<b>Melting Point</b>	Not available
<b>Freezing Point</b>	Not available
<b>Flash Point</b>	-80°C
<b>Flammability</b>	Flammable Aerosol
<b>Upper and Lower Explosive Limits</b>	0.6 Vol% - 15 Vol %
<b>Vapour Pressure @20°C</b>	Not available
<b>Density@ 20°C</b>	0,96 g/cm <sup>3</sup> DIN 51757
<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>Kinematic Viscosity @20°C</b>	Not available
<b>Particle Characteristics</b>	Not available
<b>Solvent content</b>	68.8%
<b>Solids content</b>	31.2%

## 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. Ignition hazard.
<b>Incompatible Materials</b>	None known.
<b>Hazardous Decomposition Products</b>	Carbon monoxide.

## Section 11 Toxicological Information

### Acute Effects:

<b>Swallowed</b>	Not applicable.
<b>Dermal</b>	Not applicable. ATE (dermal) 6408,7 mg/kg
<b>Inhalation</b>	Not applicable. ATE (inhalation gas) 24578,2 ppm
<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 damage to organs through prolonged or repeated exposure. May cause drowsiness or dizziness.

**Acute Toxicity for components:**

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
1330-20-7	xylene				
	oral	LD50 mg/kg	4300	Rat	GESTIS
	dermal	LD50 mg/kg	>1700	Rabbit	GESTIS
	inhalation gas	ATE ppm	4500		
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	
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	
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	
	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)				
	oral	LD50 mg/kg	>15000	Rat	
	dermal	LD50 mg/kg	>3400	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 gas	ATE ppm	4500		
8050-09-7	Rosin, colophony				



	oral	LD50 mg/kg	2800	Rat		
	dermal	LD50 mg/kg	>2000	Rat		
100-41-4	ethylbenzene					
	oral	LD50 mg/kg	3500	Rat	GESTIS	
	dermal	LD50 mg/kg	15400	Rabbit	GESTIS	
	inhalation (4 h) vapour	LC50	17,2 mg/l	Rat		
	inhalation gas	ATE ppm	4500			

## Section 12. Ecotoxicological Information

Harmful to aquatic life with long lasting effects.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
1330-20-7	xylene					
	Acute fish toxicity	LC50	780 mg/l	96 h		
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)	
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
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)	
	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)					
	Acute fish toxicity	LL50 mg/l	10-30	96 h	Oncorhynchus mykiss (Rainbow trout)	
	Acute algae toxicity	ErC50	4,6 mg/l	72 h	Pseudokirchneriella subcapitata	
	Acute crustacea toxicity	EL50 mg/l	10-22	48 h	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	

Product Name: Dinitrol 447 Spray  
Date of SDS: 28 April 2023

SDS Prepared by: Technical Compliance Consultants (NZ) Ltd  
Tel: 64 9 475 5240 www.techcomp.co.nz

	Fish toxicity	NOEC	>1 mg/l	4 d	Danio rerio (zebrafish)		
	Acute bacteria toxicity	(EC50 mg/l)	>10000	3 h	Activated sludge		
100-41-4	ethylbenzene						
	Acute fish toxicity	LC50	80 mg/l	96 h	fish	GESTIS	
	Acute algae toxicity	ErC50	5 mg/l	72 h	alga	GESTIS	
	Acute crustacea toxicity	EC50 mg/l	4,75	48 h		GESTIS	

### **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).				
	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)				
			74,7 %		28
	Leicht biologisch abbaubar				

### **Bioaccumulative Potential:**

There are no data available on the mixture itself.

#### **Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
1330-20-7	xylene	3
64742-49-0	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	3,4-5,2
141-78-6	ethyl acetate	0,73
1330-20-7	xylene	3
100-41-4	ethylbenzene	3,15

#### **BCF**

CAS No	Chemical name	BCF	Species	Source
1330-20-7	xylene	25,9	Oncorhynchus mykiss (Rainbow trout)	
1330-20-7	xylene	25,9	Oncorhynchus mykiss (Rainbow trout)	

### **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 Aerosol, Ecotoxic" and that the label also has the Flammable 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>	1950
<b>Class - Primary</b>	2
<b>Proper Shipping Name</b>	AEROSOLS
<b>Marine Pollutant</b>	No
<b>Special Provisions</b>	If the product's individual container is below 1L/kg, 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: Aerosols (Flammable) – HSR002515

<b>HSW (HS) Regulations 2017 and EPA Notices</b>	<b>Trigger Quantity</b>
Certified Handler	Not required
Location Certificate	3000L (AWC)
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	1000L
Emergency Response Plan	1000L
Secondary Containment	1000L
Fire Extinguishers	3000L (AWC) - require 1X
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

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

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