

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 1272/2008/EC & GHS Standards SDS Revision: 1.0 SDS Revision Date: 2/22/2021

Classification of the Hazardous Chemical (in accordance with WHS Regulation)

1. PRODUCT & COMPANY IDENTIFICATION

1.1	Product Name:	ProOne® ANTI-GEL
1.2	Chemical Name:	Fuel Additive
1.3	Synonyms:	NA
1.4	Trade Names:	ProOne® Anti-Gel
1.5	Product Uses & Restrictions:	Diesel Fuel Conditioner
1.6	Distributor's Name:	Pro-1-One Lubrication Australia PTY LTD
1.7	Distributor's Address:	6/165 Rookwood Rd, Yagoona NSW 2199, Sydney, Australia
1.8	Emergency Phone:	Poisons Information Centre: Australia: 13 11 26 New Zealand: 0800 764 766
1.9	Business Phone / Fax:	Tel: +61 1300 00 7761

2. HAZARDS IDENTIFICATION

2.1	Hazard Identification:	<p>This product is classified as a HAZARDOUS SUBSTANCE and as DANGEROUS GOODS according to the classification criteria of NOHSC: 1088 (2004) and ADG Code (Australia). In the event of an exposure or medical inquiry involving this product, please contact a physician or local poison control center, who may seek advice from the U.S. manufacturer, and show them this SDS.</p> <p>DANGER! MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. FLAMMABLE LIQUID AND VAPOR. CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE IRRITATION. TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.</p> <p><u>Classification:</u> Asp. Tox. 1; Flam. Liq. 3; Skin Irrit. 2; Eye Irrit. 2; Aquatic Chronic 2</p> <p><u>Hazard Statements (H):</u> H304 – May be fatal if swallowed and enters airways. H226 – Flammable liquid and vapor. H315 – Causes skin Irritation. H319 – Causes serious eye irritation. H411 – Toxic to aquatic life with long lasting effects.</p> <p><u>Precautionary Statements (P):</u> P210 – Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 – Keep container tightly closed. P242 – Use non-sparking tools. P243 – Take action to prevent static discharges. P264 – Wash thoroughly after handling. P273 – Avoid release to the environment. P280 – Wear protective gloves/eye protection. P301+P310 – IF SWALLOWED: Immediately call a POISON CENTER/doctor. P331 – Do NOT induce vomiting. P303+P361+P353 – IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. P332+P313 – If skin irritation occurs: Get medical advice/attention. P362+P364 – Take off contaminated clothing and wash it 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 irritations persist: Get medical advice attention. P370+P378 – In case of fire: Use Water, Foam, CO₂, Dry Chemical, low velocity water fog, Halon (if permitted), to extinguish. P391 – Collect spillage. P403+P235 – Store in a well-ventilated place. Keep cool. P405 – Store locked up. P501 – Dispose of contents/container to an approved waste disposal plant.</p>	
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3. COMPOSITION & INGREDIENT INFORMATION

CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	EXPOSURE LIMITS IN AIR (mg/m ³)									OTHER
					ACGIH		NOHSC			OSHA				
					ppm		ppm			ppm				
					TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH		
SOLVENT NAPHTHA*	64742-95-6	WF3400000	265-199-0	15-30	NA	NA	NF	NF	NF	NA	NA	NA		
	Flam. Liq. 2, Asp. Tox. 1, Skin Irrit. 2, STOT SE 3; Aquatic Chronic 2; H225, H304, H315, H336, H411													
1,2,4-TRIMETHYLBENZENE	95-63-6	DC3325000	202-436-9	15-30	25	NA	25	NF	NF	NA	NA	NA	25 NIOSH	
	Flam. Liq. 3; Acute Tox. 4; Eye Irrit. 2; STOT SE 3; Skin Irrit. 2; Aquatic Chronic 2; H226, H332, H319, H335, H315, H411													
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	108-67-8	OX6825000	203-604-4	0.1-10	25	NA	25	NF	NF	NA	NA	NA	25 NIOSH	
	Flam. Liq. 3; STOT SE 3; Aquatic Chronic 2; H226, H335, H411													
XYLENE	1330-20-7	ZE2100000	215-535-7	0.1-5.0	100	150	80	350	655	100	150	900		
	Flam. Liq. 3; Acute Tox. 4; Skin Irrit. 2; H226, H312+H332, H315													
TRIMETHYLBENZENE	25551-13-7	DC3220000	247-099-9	0.1-5.0	25	NA	25	123	NF	25	NA	NA		
	Flam. Liq. 3; Acute Tox. 4; Acute Tox. 4; Skin Irrit. 2; Eye Irrit. 2; H226, H302, H312, H315, H319													
CUMENE	98-82-8	Gr8575000	202-704-5	0.1-2.0	50	NA	50	125	NF	50	NA	900		
	Flam. Liq. 3, Asp. Tox. 1, STOT SE 3, Aquatic Chronic 2; H226, H304, H335, H411													
ETHYLBENZENE	100-41-4	DA0700000	202-849-4	0.0-1.0	100	150	100	434	543	100	150	800		
	Flam. Liq. 2; Acute Tox. 4*; H225, H332													
POLYVINYL ACETATE	108-05-4	AK0875000	203-545-4	0.0-0.1	35	NA	NF	NF	NF	35	NA	NA		
	Flam. Liq. 2; H225													
ProOne PROPRIETARY	NA	NA	NA	0.0-0.1	NA	NA	NF	NF	NF	NA	NA	NA		

* contains < 0.1% Benzene

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4. FIRST AID MEASURES

4.1	First Aid:	<p><u>Ingestion:</u> DO NOT INDUCE VOMITING. Contact ChemTrec +1 (800) 424-9300 or the nearest Poison Control Center or local emergency telephone number for assistance and instructions. Seek immediate medical attention. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.</p> <p><u>Eyes:</u> If product gets in the eyes, flush eyes thoroughly with copious amounts of water for at least 15 minutes, holding eyelid(s) open to ensure complete flushing. If the eyes or face become swollen during or following use, consult a physician or emergency room immediately.</p> <p><u>Skin:</u> Remove contaminated clothing and wash affected areas with soap and water. If discomfort persists and/or the skin reaction worsens, contact a physician immediately. Do not wear contaminated clothing until after it has been properly cleaned.</p> <p><u>Inhalation:</u> Remove victim to fresh air at once. Under extreme conditions, if breathing stops, perform artificial respiration. Seek immediate medical attention.</p>																
4.2	Effects of Exposure:	<p><u>Eyes:</u> May cause irritation, redness and tearing. Vapors may be irritating to the eyes. Risk of conjunctivitis.</p> <p><u>Skin:</u> May cause irritation, defatting, drying and cracking of skin. Prolonged and repeated contact may lead to dermatitis.</p> <p><u>Ingestion:</u> May cause a burning sensation of the mouth and throat, abdominal pain, gastrointestinal irritation, nausea, vomiting and diarrhea. May also cause kidney damage, cardiac arrhythmia and Central Nervous System effects (see inhalation). Aspiration of material into the lungs may cause chemical pneumonitis, which can be fatal. Can be fatal if inhaled or ingested.</p> <p><u>Inhalation:</u> Vapors may be irritating to nose, throat and respiratory tract. Excessive inhalation of vapors may cause kidney damage, cardiac arrhythmia and Central Nervous System effects including dizziness, weakness, fatigue, nausea, headache and possible unconsciousness.</p>																
4.3	Symptoms of Overexposure:	<p><u>Eyes:</u> Irritation, redness, swelling and tearing.</p> <p><u>Skin:</u> Irritation, defatting, drying and cracking of skin.</p> <p><u>Ingestion:</u> Burning sensation of the mouth and throat, abdominal pain, gastrointestinal irritation, nausea, vomiting and diarrhea.</p> <p><u>Inhalation:</u> Irritation to nose, throat and respiratory tract, dizziness, coughing, wheezing, weakness, fatigue, nausea, headache and possible unconsciousness.</p>																
4.4	Acute Health Effects:	Moderate irritation to eyes. Moderate irritation to skin near affected areas. Vapors may be irritating to nose, throat and respiratory tract.																
4.5	Chronic Health Effects:	Prolonged or repeated skin contact may lead to dermatitis. <u>Xylene</u> has been found to cause cardiac, liver, and kidney effects, anemia and eye damage in laboratory animals.																
4.6	Target Organs:	Blood, Liver, Kidneys, Spleen, Central Nervous System (CNS)																
4.7	Medical Conditions Aggravated by Exposure:	Persons with pre-existing skin disorders, chronic respiratory diseases, or impaired liver or kidney function should avoid exposure.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr style="background-color: #0000FF; color: white;"> <td colspan="2">HEALTH</td> <td style="text-align: center;">2</td> </tr> <tr style="background-color: #FF0000; color: white;"> <td colspan="2">FLAMMABILITY</td> <td style="text-align: center;">2</td> </tr> <tr style="background-color: #FFA500; color: white;"> <td colspan="2">PHYSICAL HAZARDS</td> <td style="text-align: center;">0</td> </tr> <tr style="background-color: #000000; color: white;"> <td colspan="2">PROTECTIVE EQUIPMENT</td> <td style="text-align: center;">B</td> </tr> <tr> <td style="text-align: center;">EYES</td> <td style="text-align: center;">SKIN</td> <td></td> </tr> </table>	HEALTH		2	FLAMMABILITY		2	PHYSICAL HAZARDS		0	PROTECTIVE EQUIPMENT		B	EYES	SKIN	
HEALTH		2																
FLAMMABILITY		2																
PHYSICAL HAZARDS		0																
PROTECTIVE EQUIPMENT		B																
EYES	SKIN																	

5. FIREFIGHTING MEASURES

5.1	Fire & Explosion Hazards:	<p>WARNING! FLAMMABLE LIQUID AND VAPOR. Keep away from heat, hot surface, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Take action to prevent static discharges. If involved in a fire, this product may decompose at high temperatures to form toxic gases (e.g., CO, CO_x Hydrocarbons).</p>	
5.2	Extinguishing Methods:	Water, Foam, CO ₂ , Dry Chemical, low velocity water fog, Halon (if permitted).	
5.3	Firefighting Procedures:	Keep containers cool until well after the fire is out. Fight fires as for surrounding materials. As in any fire, wear MSHA/NIOSH approved self-contained breathing apparatus (pressure-demand) and full protective gear. Keep containers cool until well after the fire is out. Use water spray to cool fire-exposed surfaces and to protect personal. Fight fire upwind. Avoid spraying water directly into storage containers because of danger of boil-over. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies.	

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6. ACCIDENTAL RELEASE MEASURES

6.1	Spills:	<p>Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment.</p> <p>For small spills (e.g., < 1 gallon (3.8 L)) wear appropriate personal protective equipment (e.g., goggles, gloves). Maximize ventilation (open doors and windows) and secure all sources of ignition. Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.</p> <p>For large spills (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g., sand or earth). Use ONLY non-sparking tools for recovery and cleanup. Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of drains, municipal sewers and open bodies of water.</p>
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7. HANDLING & STORAGE INFORMATION

7.1	Work & Hygiene Practices:	Avoid prolonged contact with the product. Avoid breathing vapors of this product. Use in a well-ventilated location (e.g., local exhaust ventilation, fans). After use, wash hands and exposed skin with soap and water. Do not eat, drink or smoke while handling product.
7.2	Storage & Handling:	Keep this material away from heat, sparks and open flame. Open containers slowly on a stable surface. Keep container closed tightly when not in use. Empty container may contain residual amounts of this product; therefore, empty containers should be handled with care. Store containers in a cool, dry location, away from direct sunlight, other light sources, or sources of intense heat. Storage temperature: 32-120 °F (0-49 °C). Take precautionary measures against static discharge. Store away from incompatible materials (see Section 10).
7.3	Special Precautions:	Open containers slowly on a stable surface. Keep container tightly closed when not in use. Empty containers may contain residual amounts of this product; therefore, empty containers should be handled with care.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1	Exposure Limits: ppm (mg/m ³)		ACGIH		NOHSC			OSHA			OTHER
		CHEMICAL NAME(S)	TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH	
		1,2,4-TRIMETHYLBENZENE	25	NA	25	NF	NF	NA	NA	NA	25 NIOSH
		1,3,5-TRIMETHYLBENZENE (MESITYLENE)	25	NA	25	NF	NF	NA	NA	NA	25 NIOSH
		XYLENE	100	150	80	350	655	100	150	900	
		TRIMETHYLBENZENE	25	NA	25	123	NF	25	NA	NA	
		CUMENE	50	NA	50	125	NF	50	NA	900	
		ETHYLBENZENE	100	150	100	434	543	100	150	800	
		POLYVINYL ACETATE	35	NA	NF	NF	NF	35	NA	NA	
8.2	Ventilation & Engineering Controls:	The use of mechanical dilution ventilation is recommended to maintain airborne concentrations below the recommended occupational exposure limits, whenever this material is used in a confined space, is heated above normal temperatures (up to 38 °C) or is agitated.									
8.3	Respiratory Protection:	When working with large quantities of product, provide adequate ventilation (e.g., local exhaust ventilation, fans), to keep exposure below the airborne exposure limits. Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.									
8.4	Eye Protection:	Wear protective eyewear (e.g., safety glasses with side-shield) at all times when handling this product. Always use protective eyewear when cleaning spills or leaks. Contact lenses pose a special hazard; soft lenses may absorb and concentrate irritants.									
8.5	Hand Protection:	Wear protective, chemical-resistant gloves (e.g., neoprene, nitrile, PVC) when using or handling this product. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.									
8.6	Body Protection:	No special body protection is required under typical circumstances of use and handling. Wear appropriate protective clothing to prevent skin contact, (boots, lab coat, apron, coveralls) as needed. If necessary, refer to appropriate standards of Canada, the EU member states, or U.S. OSHA.									

9. PHYSICAL & CHEMICAL PROPERTIES

9.1	Appearance:	Amber liquid
9.2	Odor:	Aromatic odor.
9.3	Odor Threshold:	NA
9.4	pH:	NA
9.5	Melting Point/Freezing Point:	NA
9.6	Initial Boiling Point/Boiling Range:	NA
9.7	Flashpoint:	>42.2 °C (>108 °F)
9.8	Upper/Lower Flammability Limits:	NA
9.9	Vapor Pressure:	< 0.1
9.10	Vapor Density:	Heavier than air



SAFETY DATA SHEET

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SDS Revision: 1.0

SDS Revision Date: 2/22/2021

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9. PHYSICAL & CHEMICAL PROPERTIES – cont'd

9.11	Relative Density:	0.89
9.12	Solubility:	Insoluble
9.13	Partition Coefficient (log P _{ow}):	NA
9.14	Autoignition Temperature:	NA
9.15	Decomposition Temperature:	NA
9.16	Viscosity:	NA
9.17	Other Information:	VOC: 100%

10. STABILITY & REACTIVITY

10.1	Stability:	Stable at normal temperatures.
10.2	Hazardous Decomposition Products:	When heated to decomposition carbon dioxide and carbon monoxide.
10.3	Hazardous Polymerization:	Will not occur.
10.4	Conditions to Avoid:	Open flames, sparks, high heat, and close proximity to incompatible substances.
10.5	Incompatible Substances:	Strong oxidizing agents, acids or alkalis.

11. TOXICOLOGICAL INFORMATION

11.1	Routes of Entry:	Inhalation: NO	Absorption: YES	Ingestion: YES
11.2	Toxicity Data:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product and is not presented in this document.		
11.3	Acute Toxicity:	Moderate irritation to eyes and skin near affected areas. Additionally, high concentrations of vapors can cause drowsiness, dizziness, headaches and nausea.		
11.4	Chronic Toxicity:	This material may aggravate any pre-existing skin condition (e.g., dermatitis).		
11.5	Suspected Carcinogen:	<u>Xylene</u> is listed as IARC Group 3 (Not classifiable as to its carcinogenicity to humans). <u>Cumene</u> is listed as IARC Group 2B (Possible carcinogenic to humans). <u>Ethylbenzene</u> is listed as ACGIH Group A3 (Confirmed animal carcinogen with unknown relevance to human); IARC Group 2B (Possibly carcinogenic to humans); CA65 (cancer).		
11.6	Reproductive Toxicity:	This product is not reported to produce reproductive toxicity in humans.		
	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.		
	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.		
	Teratogenicity:	This product is not reported to produce teratogenic effects in humans.		
	Reproductive Toxicity:	This product is not reported to produce reproductive effects in humans.		
11.7	Irritancy of Product:	See section 4.3		
11.8	Biological Exposure Indices:	NE		
11.9	Physician Recommendations:	Treat symptomatically.		

12. ECOLOGICAL INFORMATION

12.1	Environmental Stability:	There are no specific data available for this product.
12.2	Effects on Plants & Animals:	An environmental fate analysis has not been conducted on this specific product. However, plants and animals may experience harmful or fatal effects when coated with petroleum-based products. □
12.3	Effects on Aquatic Life:	There are no specific data available for this product. However, may cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

13.1	Waste Disposal:	Dispose of in accordance with federal, state, provincial and local hazardous waste laws.
13.2	Special Considerations:	U.S. EPA RCRA Hazardous Waste (Characteristic D001 – Ignitable)

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14. TRANSPORTATION INFORMATION

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.


14.1	49 CFR (GND):	UN1993, FLAMMABLE LIQUIDS, N.O.S. (1,2,4-TRIMETHYLBENZENE, XYLENE), 3, III (LTD QTY, IP VOL ≤ 5.0 L); or CONSUMER COMMODITY, ORM-D – until 01/01/2021	
14.2	IATA (AIR):	ID8000, CONSUMER COMMODITY, 9 (IP VOL ≤ 1.0 L); or UN1993, FLAMMABLE LIQUIDS, N.O.S. (1,2,4-TRIMETHYLBENZENE, XYLENE), 3, III (LTD QTY, IP VOL ≤ 1.0 L)	or
14.3	IMDG (OCN):	UN1993, FLAMMABLE LIQUIDS, N.O.S. (1,2,4-TRIMETHYLBENZENE, XYLENE), 3, III (LTD QTY, IP VOL ≤ 5.0 L)	
14.4	TDGR (Canadian GND):	UN1993, FLAMMABLE LIQUIDS, N.O.S. (1,2,4-TRIMETHYLBENZENE, XYLENE), 3, III (LTD QTY, IP VOL ≤ 5.0 L)	
14.5	ADR/RID (EU):	UN1993, FLAMMABLE LIQUIDS, N.O.S. (1,2,4-TRIMETHYLBENZENE, XYLENE), 3, III (LTD QTY, IP VOL ≤ 5.0 L)	
14.6	SCT (MEXICO):	UN1993, LIQUIDOS, INFLAMABLES, N.E.P. (1,2,4-TRIMETILBENCENO, XILENO), 3, III (CANT. LTDA., IP VOL ≤ 5.0 L)	
14.7	ADGR (AUS):	UN1993, FLAMMABLE LIQUIDS, N.O.S. (1,2,4-TRIMETHYLBENZENE, XYLENE), 3, III (LTD QTY, IP VOL ≤ 5.0 L)	

15. REGULATORY INFORMATION



15.1	SARA Reporting Requirements:	This product contains <u>1,2,4-Trimethylbenzene</u> , <u>Xylene</u> , <u>Cumene</u> and <u>Ethylbenzene</u> substances subject to SARA Title III, Section 313 reporting requirements.
15.2	SARA Threshold Planning Quantity:	NA
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory or are otherwise exempt.
15.4	CERCLA Reportable Quantity (RQ):	<u>Xylene</u> : 45.4 kg (100 lbs.); <u>Cumene</u> : 2,270 kg (5,000 lbs.); <u>Ethylbenzene</u> : 454 kg (1,000 lbs)
15.5	Other Federal Requirements:	<u>Xylene</u> and <u>Ethylbenzene</u> are listed as Hazardous Air Pollutants (HAPs). <u>Ethylbenzene</u> and <u>Xylene</u> are listed as Toxic Pollutants under the Clean Water Act (CWA). None of the ingredients are listed as Priority Pollutants under the CWA.
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. <u>Xylene</u> is listed on the Priorities Substances List. WHMIS Class B2, D2B (Flammable Liquids, Other Toxic Effects).
15.7	State Regulatory Information:	<p><u>1,2,4-Trimethylbenzene</u> is found on the following state criteria list: MA, NJ, and PA.</p> <p><u>Xylene</u> is found on the following state criteria list: FL, MA, MI, MN, NJ, NY, PA, WA and WI.</p> <p><u>1,3,5-Trimethylbenzene (Mesitylene)</u> is found on the following state criteria list: MA.</p> <p><u>Cumene</u> is found on the following state criteria list: FL, MA, MN, NJ, PA, WA and WI.</p> <p><u>Ethylbenzene</u> is found on the following state criteria list: CA, FL, MA, MN, PA and WA.</p> <p>No other ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI).</p> <p>WARNING! This product contains a substance(s) known to the State of California to cause cancer, birth defects or other reproductive harm.</p>

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15. REGULATORY INFORMATION – cont'd

15.8	Other Requirements:	<p>The primary components of this product is listed in Annex I of EU Directive 67/548/EEC:</p> <p>Solvent Naphtha: Toxic (T). Risk Phrases (R): 45-46-65 – May cause cancer. May cause inheritable genetic damage. Harmful: may cause lung damage if swallowed. Safety Phrases (S): 53-45 – Avoid exposure – obtain special instructions before use. In case of accident or if you feel unwell seek medical advice immediately (show the label where possible).</p> <p>1,2,4-Trimethylbenzene: Harmful, Environmental Danger (Xn, N). Risk Phrases (R): 10-20-36/37/38-51/53 – Flammable. Harmful by inhalation. Irritating to eyes, respiratory system and skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Safety Phrases (S): (2)-26-61 – Keep out of reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Avoid release to the environment. Refer to special instructions/safety data sheet.</p> <p>1,3,5-Trimethylbenzene (Mesitylene): Risk Phrases (R): 10-37-51/53 – Flammable. Irritating to respiratory system. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Safety Phrases (S): (2)-61 – Keep out of reach of children. Avoid release to the environment. Refer to special instructions/safety data sheet.</p> <p>Cumene: Harmful, Environmental Danger (Xn, N). Risk Phrases (R): 10-37-65-51/53 - Flammable. Irritating to respiratory system. Harmful: may cause lung damage if swallowed. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Safety Phrases (S): (2)-24-37-61-62 – Keep out of reach of children. Avoid contact with skin. Wear suitable gloves. Avoid release to the environment. Refer to special instructions/safety data sheet.</p> <p>Ethylbenzene: Flammable, Harmful (F, Xn). Risk Phrases (R): 11-20 – Highly flammable. Harmful by inhalation. Safety Phrases (S): 2-16-24/25-29 – Keep out of reach of children. Keep away from sources of ignition. Avoid contact with skin and eyes. Do not empty into drains.</p>	
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16. OTHER INFORMATION

16.1	Other Information:	<p>DANGER! MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. FLAMMABLE LIQUID AND VAPOR. CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE IRRITATION. TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Use non-sparking tools. Take action to prevent static discharges. Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves/eye protection. IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritations persist: Get medical advice attention. In case of fire: Use Water, Foam, CO₂, Dry Chemical, low velocity water fog, Halon (if permitted), to extinguish. Collect spillage. Store in a well-ventilated place. Keep cool. Store locked up. KEEP OUT OF REACH OF CHILDREN.</p> <p>WARNING! This product contains a substance(s) known to the State of California to cause cancer, birth defects or other reproductive harm.</p>	
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.	
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & ProOne, Inc.'s knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.	
16.4	Prepared for:	<p>Pro-1-One Lubrication Australia PTY LTD 6/165 Rookwood Rd, Yagoona NSW 2199, Sydney, Australia Tel: +61 1300 007 761 e-mail: info@pro-one.net.au http://www.pro-one.net.au</p>	
16.5	Prepared by:	<p>ShipMate, Inc. P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 http://www.shipmate.com</p>	

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 1272/2008/EC & GHS Standards

SDS Revision: 1.0

SDS Revision Date: 2/22/2021

Classification of the Hazardous Chemical (in accordance with WHS Regulation)

DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

GENERAL INFORMATION:

CAS No.	Chemical Abstract Service Number
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EXPOSURE LIMITS IN AIR:

ACGIH	American Conference on Governmental Industrial Hygienists
C	Ceiling Limit
ES	Exposure Standard (Australia)
IDLH	Immediately Dangerous to Life and Health
OSHA	U.S. Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
STEL	Short-Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average

FIRST AID MEASURES:

CPR	Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.
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HMIS-III HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard	<div style="background-color: blue; color: white; padding: 2px;">HEALTH</div> <div style="background-color: red; color: white; padding: 2px;">FLAMMABILITY</div> <div style="background-color: yellow; color: black; padding: 2px;">PHYSICAL HAZARDS</div> <div style="background-color: black; color: white; padding: 2px;">PERSONAL PROTECTION</div>
1	Slight Hazard	
2	Moderate Hazard	
3	Severe Hazard	
4	Extreme Hazard	

PERSONAL PROTECTION RATINGS:

A		G	
B		H	
C		I	
D		J	
E		K	
F		X	Consult your supervisor or SOPs for special handling directions.

Safety Glasses	Splash Goggles	Face Shield & Protective Eyewear	Gloves
Boots	Synthetic Apron	Protective Clothing & Full Suit	Dust Respirator
Full Face Respirator	Dust & Vapor Half-Mask Respirator	Full Face Respirator	Airline Hood/Mask or SCBA

OTHER STANDARD ABBREVIATIONS:

ML	Maximum Limit
mg/m3	milligrams per cubic meter
NA	Not Available
ND	Not Determined
NE	Not Established
NF	Not Found
NR	No Results
ppm	parts per million
SCBA	Self-Contained Breathing Apparatus

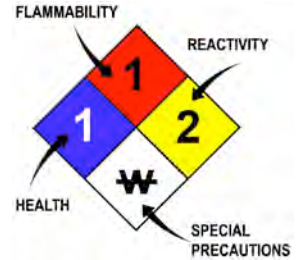
NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:

Autoignition Temperature	Minimum temperature required to initiate combustion in air with no other source of ignition
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
UEL	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

HAZARD RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard
ACD	Acidic
ALK	Alkaline
COR	Corrosive
W	Use No Water
OX	Oxidizer
TREFOIL	Radioactive



TOXICOLOGICAL INFORMATION:

LD₅₀	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
LC₅₀	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD₁₀	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD₁₀, LD₁₀, & LD₅₀ or TC, TC₀, LC₁₀, & LC₅₀	Lowest dose (or concentration) to cause lethal or toxic effects
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TL_m	Median threshold limit
log K_{ow} or log K_{oc}	Coefficient of Oil/Water Distribution

REGULATORY INFORMATION:

WHMIS	Canadian Workplace Hazardous Material Information System
DOT	U.S. Department of Transportation
TC	Transport Canada
EPA	U.S. Environmental Protection Agency
DSL	Canadian Domestic Substance List
NOHSC	National Occupational Health and Safety Commission (Australia)
NDSL	Canadian Non-Domestic Substance List
PSL	Canadian Priority Substances List
TSCA	U.S. Toxic Substance Control Act
EU	European Union (European Union Directive 67/548/EEC)
WGK	Wassergefährdungsklassen (German Water Hazard Class)
HMIS-III	National Paint & Coatings Association Hazardous Materials Identification System

WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

EC (67/548/EEC) INFORMATION:

C	E	F	N	O	T	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

CLP/GHS (1272/2008/EC) PICTOGRAMS:

GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment