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

SDS Revision: 2.0

SDS Revision Date: 06, Mar.24

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

1	PRODUCT	& COMPANY	IDENTIFICATION
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1.1	Product Name:	ProOne® XPL-101 PENETRATING LUBRICANT
1.2	Chemical Name:	Mineral Oil with Additives
1.3	Synonyms:	NA NA
1.4	Trade Names:	ProOne® XPL-101 Penetrating Lubricant
1.5	Product Uses & Restrictions:	Lubricating Oil
1.6	Distributor's Name:	Pro-1-One Lubricant Australia PTY LTD
1.7	Distributor's Address:	Unit 2, 198 Walters Rd, Arndell Park, NSW, 2148, 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:

This product is classified as a HAZARDOUS SUBSTANCE but not 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. DANGER! MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. CAUSES DAMAGE TO CENTRAL NERVOUS SYSTEM THROUGH PROLONGED OR REPEATED EXPOSURE. CAUSES SKIN IRRITATION. CAUSES EYE IRRITATION.

Classification: Asp. Tox. 1, STOT RE 1

<u>Hazard Statements</u> (H): H304 – May be fatal if swallowed and enters airways. H315 – Causes skin irritation. H319 – Causes serious eye irritation. H372 – Causes damage to central nervous system (CNS) through prolonged or repeated exposure.

Precautionary Statements (P): P260 – Do not breathe fumes/mist/vapors/spray. P264 – Wash hands and exposed skin areas with soap and warm water thoroughly after handling. P270 – Do not eat, drink or smoke when using this product. P280 – Wear protective gloves/protective clothing/eye protection/ face protection. P301+P310 – IF SWALLOWED: Immediately call a POISON CENTER/doctor. P331 – Do NOT induce vomiting. P308+P313 – IF exposed or concerned: Get medical advice/attention. P314 – Get medical advice/attention if you feel unwell. 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 irritation persists: Get medical advice/attention. P405 – Store locked up. P501 – Dispose of contents/container to licenses treatment, storage and disposal facility (TSDF).



3. COMPOSITION & INGREDIENT INFORMATION

								EXPO	SURE L	IMITS II	N AIR (m	ıg/m³)	
					AC	GIH		NOHSC			OSHA		
					pp	om		ppm			ppm		
CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	TLV	STEL	ES- TWA	ES- STEL	ES- PEAK	PEL	STEL	IDLH	OTHER
DISTILLATES (PETROLEUM),	64742-58-1	NA	265-156-6	40-70	(5)	(10)	(5)	NA	NA	(5)	NA	NA	OIL MIST
HYDROTREATED SPENT*	Asp. Tox 1; H304												
SYNTHETIC FLUIDS &	NA	NA	NA	5-15	NA	NA	NA	NA	NA	NA	NA	NA	
POLYMERS													
ODODI ECO MINEDAL ODIDITOSS	8052-41-3	WJ8925000	232-489-3	5-10	100	NA	NF	790	NF	500	NA	20000	(350) NIOSH
ODORLESS MINERAL SPIRITS**	Flam. Liq. 2, A	sp. Tox. 1, STOT	RE 1; H226, H3	04, H372									
ProOne® PROPRIETARY	NA	NA	NA	5-10	NA	NA	NF	NF	NF	NA	NA	NA	
ADDITIVES		-	-										
* contains < 3.0% DMSO (DIMETHY)	SUI FOXIDE) r	per IP 346 ** con	tains < 0.1% BF	NZENE									

contains ≤ 3.0% DMSO (DIMETHYLSULFOXIDE) per IP 346. ** contains ≤ 0.1% BENZENE.

4. FIRST AID MEASURES

				4. TINOT AID MEASURES
Ī	4.1	First Aid:	Ingestion:	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.
			Eyes:	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.
			Skin:	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.
			Inhalation:	Remove victim to fresh air at once. Under extreme conditions, if breathing stops, perform artificial respiration. Seek immediate medical attention.
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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 1272/2008/EC & GHS Standards SDS Revision: 2.0 SDS Revision Date: 06. Mar.24 Classification of the Hazardous Chemical (in accordance with WHS Regulation) 4. FIRST AID MEASURES - cont'd Effects of Exposure: If product is swallowed, may cause gastrointestinal disturbance. Ingestion: Exposure to mists/fumes/vapors/spray may cause eye irritation. Symptoms of overexposure may include Eyes: redness, itching, irritation and watering. May be irritating to skin. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in Skin: some sensitive individuals. Inhalation: Coughing, wheezing, shortness of breath, impaired pulmonary function. Irritation or soreness in throat, nose and respiratory tract. Drowsiness, dizziness, headaches and nausea. 4.3 Symptoms of Ingestion: If product is swallowed, may cause gastrointestinal disturbance. Overexposure: Exposure to mists/fumes/vapors/spray may cause eye irritation. Symptoms of overexposure may include Eyes: redness, itching, irritation and watering. May be irritating to skin. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in Skin: some sensitive individuals. Inhalation: Coughing, wheezing, shortness of breath, impaired pulmonary function. Irritation or soreness in throat, nose and respiratory tract. Additionally, high concentrations of vapors can cause drowsiness, dizziness, headaches and nausea. Acute Health Effects: Non-irritating when used as directed. Moderate irritation to eyes and skin near affected areas. Additionally, high 4.4 concentrations of fumes/vapors can cause coughing, wheezing, shortness of breath, impaired pulmonary function. Irritation or soreness in throat, nose and respiratory tract. 4.5 Chronic Health Effects: Contains a petroleum-based mineral oil. Prolonged or repeated skin contact can cause mild irritation and inflammation characterized by drying, cracking, (dermatitis) or oil acne. Repeated or prolonged inhalation of petroleum-based mineral oil mists at concentrations above applicable workplace exposure levels can cause respiratory irritation or other pulmonary Eyes, Skin, Respiratory System, Central Nervous System (CNS) 4.6 Target Organs: 4.7 Medical Conditions Pre-existing dermatitis, other skin conditions, and disorders of the target **HEALTH** 1 Aggravated by Exposure: organs (eyes, skin, CNS) may be more susceptible to the effects of this 1 **FLAMMABILITY** substance. 0 PHYSICAL HAZARDS В PROTECTIVE EQUIPMENT SKIN 5. FIREFIGHTING MEASURES Fire & Explosion Hazards: This material can burn but will not readily ignite. This material will release vapors when heated above the flash point temperature that can ignite when exposed to a source of ignition. In enclosed spaces, heated vapor can ignite with explosive force. Mists or sprays may burn at temperatures below the flash point. Carbon dioxide, carbon monoxide, smoke, fumes, unburned hydrocarbons and trace oxides of sulfur, phosphorus and nitrogen. Also, depending upon the conditions of use, low concentrations of hydrogen sulfide can be released. Extinguishing Methods: Dry chemical, foam, carbon dioxide, and water fog. 5.2 5.3 Firefighting Procedures: Keep containers cool until well after the fire is out. Use water spray to cool fire-exposed surfaces and to protect personal. 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. 6. ACCIDENTAL RELEASE MEASURES Spills: Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment. 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. 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 municipal sewers and open bodies of



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15. REGULATORY INFORMATION

	13. REGULATORT IN ORMATION				
15.1	SARA Reporting Requirements:	This product does not contain any substances subject to SARA Title III, section 313 reporting requirements.			
15.2	SARA Threshold Planning Quantity:	There are no specific Threshold Planning Quantities for the components of this product.			
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.			
15.4	CERCLA Reportable Quantity (RQ):	NA NA			
15.5	Other Federal Requirements:	This material does not contain any hazardous air pollutants. None of the components in this product are listed as priority pollutants under the CWA. None of the components in this product are listed as toxic 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. None of the components of this product are listed on the Priorities Substances List. WHMIS D2B (Other Toxic Effects)			
15.7	State Regulatory Information:	Odorless Mineral Spirits is found on the following state criteria list(s): Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), Pennsylvania Right-to-Know List (PA) and Washington Permissible Exposures List (WA). 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).			
15.8	Other Requirements:	The primary components of this product are not listed in Annex I of EU Directive 67/548/EEC: Distillates (Petroleum), Hydrotreated Spent: Toxic (T). Risk Phrases (R): 45 – May cause cancer. 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). Odorless Mineral Spirits: Flammable (F). Risk Phrases (R): 12-65 – Highly flammable. 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).			

16. OTHER INFORMATION

16.1	Other Information:	DANGER! MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. CAUSES DAMAGE TO CENTRAL NERVOUS SYSTEM THROUGH PROLONGED OR REPEATED EXPOSURE. CAUSES SKIN IRRITATION. CAUSES EYE IRRITATION. Do not breathe fumes/mist/vapors/spray. Wash hands and exposed skin areas with soap and warm water thoroughly after handling. Do not eat, drink or smoke when using this product. IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. IF exposed or concerned: Get medical advice/attention. Get medical advice/attention if you feel unwell. 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 irritation persists: Get medical advice/attention. Store locked up. KEEP OUT OF REACH OF CHILDREN.
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:	Pro-1-One Lubricant Australia PTY LTD 6/165 Rookwood Rd, Yagoona NSW 2199, Sydney, Australia Tel: +61 1300 00 7761 e-mail: info@pro-one.net.au http://www.pro-one.net.au
16.5	Prepared by:	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



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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		
EXPOSURE	LIMITS IN AIR:		
ACGIH	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.

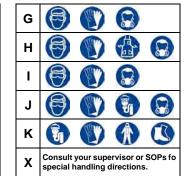
HMIS-III HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard



PERSONAL PROTECTION RATINGS:

PERSONAL PROTECTION RATINGS:				
Α				
В				
С				
D	6			
Е				
F				





plash Goggle















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:

HAZARD RATINGO:				
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			
ох	Oxidizer			
TREFOIL	Radioactive			



TOXICOLOGICAL INFORMATION:

LD ₅₀	Lethal Dose (solids & liquids) which kills 50% of the exposed animals s
LC ₅₀	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD _{lo}	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD _{io} , LD _{io} , & LD _o or TC, TC _o , LC _{io} , & LC _o	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	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	IS-III National Paint & Coatings Association Hazardous Materials Identification System		

WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

0	֎	(A)	②	(T)	®		ĸ
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:

THE		M	*		*	×	×
С	Е	F	N	0	Т	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

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

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