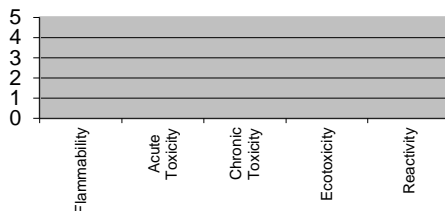




1. Identification of Substance and Company		
Product Name:	STP Oil Treatment	
Other Names:	Not applicable	
HSNO Approval:	Non hazardous	
UN Number:	Not applicable	
Hazchem Code:	1T (recommended)	
Uses:	Automotive maintenance product	
<i>Company Details</i>		
Company:	Spectrum Brands New Zealand Limited	
Address:	Level one, 8 Hugo Johnson Drive, Penrose, 1061, Auckland, New Zealand	
Telephone Number:	+64-9-571-7700	
Emergency Telephone Number:	0800 764 766	
2. Hazard Identification		
<i>Hazard Classifications</i>		
This product is not considered to be a hazardous substance to the Hazardous Substances and New Organisms Act (HSNO).	Degree of hazard:	
Classes NA		
Symbols: none		
<i>Other classifications</i>		
Not considered hazardous under other New Zealand or international legislation.		
<i>Hazard and Precautionary Statements</i>		
Hazard Statements	Not applicable – non hazardous	
Precautionary Statements	Not applicable	
3. Composition/Information on Ingredients		
Component	CAS No	Proportion
Mineral oil	Mixture	60-100%
Calcium long-chain alkylphenate sulfide	Proprietary	< 5%
This is a commercial product whose exact ratio of components may vary. Trace quantities of impurities are also likely.		
4. First Aid		
<i>General Information</i>		
You should call the National Poisons Centre if you feel that you may have been harmed or irritated by this product. The number is 0800 764 766 (24 hr emergency service).		
Recommended first aid facilities	Accessible eyewash is recommended.	
<i>Exposure</i>		
Swallowed:	Do NOT induce vomiting. Give a glass of water to drink. Contact a doctor.	
Eye contact:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.	
Skin contact:	This product is non-irritating to skin. No further measures should be required.	
Inhaled:	Generally, inhalation of fumes is unlikely to result in adverse health effects. If coughing, dizziness or shortness of breath is experienced, remove the patient to fresh air immediately. If patient is unconscious, place in the recovery position (on the side) for transport and contact a doctor.	
<i>Advice to Doctor</i>		
No significant risk factors have been identified for this product.		



5. Firefighting Measures

Fire and explosion hazards	There are no specific risks for fire/explosion for this chemical. It is classed as non-flammable. Flashpoint: 135°C (PMCC)
Suitable Extinguishing Substances	Use water fog, foam, carbon dioxide or dry chemical. Cool fire exposed containers with water.
Unsuitable extinguishing substances	Unknown.
Protective Equipment	No special measures are required.
Products of combustion	Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Nitrogen, and under some circumstances, oxides of nitrogen. Oxides of sulfur (sulfur dioxide is a respiratory hazard). Oxides of phosphorus. Water, aldehydes, alkyl mercaptans.
Hazchem Code	1T (note: not a dangerous good)

6. Accidental Release Measures

Containment	There is no current legal requirement for secondary containment of this product. Prevent product from entering environment.
Emergency procedures	If a significant spill occurs: Stop leak if safe/necessary; Isolate area. Collect spill – see below; Transfer to container for disposal. Dispose of according to guidelines below (Section 13).
Clean-up method	This product is not considered flammable or ecotoxic. Small spills do not require any special clean up method. Larger spills should be mopped up and collected.
Disposal	Mop up and collect recoverable material into labelled containers for recycling or salvage. Recycle containers wherever possible. This material may be suitable for approved landfill. Dispose of only in accord with all regulations.
Precautions	No special protective clothing is normally necessary. Caution: Slip hazard.

7. Handling and Storage

Storage	Avoid storage of harmful substances with food. Store out of reach of children. Containers should be kept closed in order to minimise contamination. Keep from extreme heat and open flames. Avoid contact with incompatible substances as listed in Section 10.
Handling	Keep exposure to a minimum, and minimise the quantities kept in work areas. See section 8 with regard to personal protective equipment requirements.

8. Exposure Controls/Personal Protection Equipment

Workplace Exposure Standards
A workplace exposure standard (WES) has not been established by WorkSafe NZ for this product. There is a general limit of 10mg/m³ for dusts and mists when limits have not otherwise been established.

NZ Workplace Exposure Standards (OSH, 2016).	Ingredient	WES- TWA	WES- STEL
	Oil, mist	5mg/m ³	

Engineering Controls
In industrial situations, it is expected that employee exposure to hazardous substances will be controlled to a level as far below the WES as practicable by applying the hierarchy of control required by the Health and Safety at Work Act (2015) and the Health and Safety at Work (General Risk and Workplace Management) Regulations 2016. Exposure can be reduced by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods. If you believe air borne concentrations of mists, dusts or vapours are high, you are advised to modify processes or increase ventilation.

Personal Protective Equipment

Eyes	Safety glasses are not required for normal use - use eye protection when using this product in bulk and splashes are possible. .
Skin	Impermeable protective gloves, e.g. nitrile or neoprene gloves should be worn when you are using this product, to prevent irritation. This product is essentially safe to use without special protective clothing. However, its use is recommended as a good industrial practice. Clean overalls or protective clothing should be worn, preferably with an apron.
Respiratory	Respirator is not required under normal use. If product is being used in confined conditions, the use of a respirator with an organic vapour cartridge with a s/dust/mist filter may be preferred.



9. Physical and Chemical Properties	
Appearance	Dark brown liquid
Odour	Light petroleum odour
pH	7.5-9.0
Vapour pressure	No data. Is expected to be low
Boiling point	No data
Viscosity	3700 cSt at 40°C, 300cSt at 100°C
Softening/melting point	No data
Solubility	Insoluble in water
Specific gravity or density	0.88
Flash point	135°C (PMCC)
Upper & lower flammable limits	Not explosive
Auto ignition temperature	Non flammable
Corrosiveness	Non corrosive
10. Stability and Reactivity	
Stability	This product is unlikely to react or decompose under normal storage conditions. This product will not undergo polymerisation reactions.
Conditions to be avoided	Containers should be kept closed in order to avoid contamination. Keep from extreme heat and open flames.
Incompatible materials	Strong oxidising and reducing agents.
Hazardous decomposition products	Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Nitrogen, and under some circumstances, oxides of nitrogen. Oxides of sulfur (sulfur dioxide is a respiratory hazard). Oxides of phosphorus. Water, aldehydes, alkyl mercaptans.
Hazardous reactions	No specific hazards.
11. Toxicological Information	
<i>Summary</i>	
Mild eye irritant. Mild skin irritant, prolonged or repeated contact may cause defatting and drying of the skin, with non allergic dermatitis. Inhalation of mists or vapors generated at elevated temperatures may cause respiratory irritation. Swallowing may cause gastrointestinal irritation with nausea, vomiting and diarrhea.	
<i>Supporting Data</i>	
Acute:	
Oral:	The LD ₅₀ of this mixture is expected to be >5000mg/kg, no evidence of toxicity in the ingredients.
Dermal:	No evidence of dermal toxicity.
Inhaled:	No evidence of inhalation toxicity, low volatility.
Eye:	The mixture is not considered to be an eye irritant under GHS. Mild irritation is transient.
Skin:	This mixture does not trigger classification for skin irritation under GHS, however it may be a mild skin irritant.
Chronic:	
Sensitisation:	No ingredient present at concentrations > 0.1% is considered a sensitizer.
Mutagenicity:	ingredient present at concentrations > 0.1% is considered a mutagen.
Carcinogenicity:	No ingredient present at concentrations > 0.1% is considered a carcinogen, byt EPA, IARC, NTP, ACGIH or OSHA.
Reproductive / Developmental:	No ingredient present at concentrations > 0.1% is considered a reproductive or developmental toxicant or have any effects on or via lactation.
Systemic:	No ingredient present at concentrations > 1% is considered a target organ toxicant.
Aggravation of Existing Conditions:	None known.
12. Ecological Data	
<i>Summary</i>	
Limited data available on the mixture. This product is unlikely to be ecotoxic in water. However, this product should not be discharged into the sewer or waterways.	
<i>Supporting Data</i>	
Aquatic	No evidence of toxicity in the aquatic environment. The estimated EC ₅₀ >100mg/L
Bioaccumulation	No data available.
Degradability	This product contains components which may be persistent in the environment.
Soil	No evidence of soil toxicity.
Terrestrial Vertebrate	This product is not considered harmful to terrestrial vertebrates. No LC ₅₀ (diet) data for ingredients are available and the classification is based on the LD ₅₀ (oral) – see section 11 – oral toxicity.
Terrestrial Invertebrate	No evidence of toxicity towards terrestrial invertebrates.
Biocidal	Not designed as a biocide.



13. Disposal Considerations			
Restrictions	There are no product-specific restrictions, however, local council and resource consent conditions may apply, including requirements of trade waste consents.		
Disposal method	This product may be recycle if unused. Dispose of contaminated product and/or empty container to landfill.		
Contaminated Packaging	Rinse containers with water before disposal. Preferably re-cycle container, otherwise send to landfill or similar.		
14. Transport Information			
Transport according to NZS 5433 (Transport of Hazardous Substances on Land). There are no specific restrictions for this product (not a dangerous good).			
UN Number	Not applicable	Proper Shipping Name	Not applicable
Class(es)	Not applicable	Packing group	Not applicable
Precautions	Not applicable	HAZCHEM code	1[T] (not a dangerous good)
15. Regulatory Information			
This product is not considered to be a hazardous substance to the Hazardous Substances and New Organisms Act (HSNO).			
<i>Specific Workplace Controls (as per HSNO approval referenced to Controls Matrix)</i>			
No workplace controls apply to this product (non hazardous).			
<i>Other Legislation</i>			
In New Zealand, the use of this product may come under the Resource Management Act and Regulations, the Health and Safety at Work Act 2015 and the Health and Safety at Work (General Risk and Workplace Management) Regulations 2016, local Council Rules and Regional Council Plans.			
16. Other Information			
<i>Abbreviations</i>			
Approval Code	NA – non hazardous. Controls, EPA. www.epa.govt.nz		
CAS Number	Unique Chemical Abstracts Service Registry Number		
Ceiling	Ceiling Exposure Value: The maximum airborne concentration of a biological or chemical agent to which a worker may be exposed at any time.		
Controls Matrix	List of default controls linking regulation numbers to Matrix code (e.g. T1, I16).		
EC₅₀	Ecotoxic Concentration 50% – concentration in water which is fatal to 50% of a test population (e.g. daphnia, fish species)		
EPA	Environmental Protection Authority (New Zealand)		
HAZCHEM Code	Emergency action code of numbers and letters that provide information to emergency services, especially fire fighters		
HSNO	Hazardous Substances and New Organisms (Act and Regulations)		
IARC	International Agency for Research on Cancer		
LEL	Lower Explosive Limit		
LD₅₀	Lethal Dose 50% – dose which is fatal to 50% of a test population (usually rats).		
LC₅₀	Lethal Concentration 50% – concentration in air which is fatal to 50% of a test population (usually rats)		
MSDS/SDS	Material Safety Data Sheet (or Safety Data Sheet)		
PES	Prescribed Exposure Standard means a WES or a biological exposure standard that is prescribed in a regulation, a safe work instrument or an approval under HSNO (including group standards).		
STEL	Short Term Exposure Limit - The maximum airborne concentration of a chemical or biological agent to which a worker may be exposed in any 15 minute period, provided the TWA is not exceeded		
TWA	Time Weighted Average – generally referred to WES averaged over typical work day (usually 8 hours)		
UEL	Upper Explosive Limit		
UN Number	United Nations Number		
WES	Workplace Exposure Standard - The airborne concentration of a biological or chemical agent to which a worker may be exposed during work hours (usually 8 hours, 5 days a week). The WES relates to exposure that has been measured by personal monitoring using procedures that gather air samples in the worker's breathing zone.		



<i>References</i>	
Data	Unless otherwise stated comes from the EPA HSNO chemical classification information database (CCID).
WES 2016	The NZ Workplace Exposure Standards Effective from 2016, published by WorkSafe NZ and available on their web site – www.worksafe.govt.nz .
WES 2002	Workplace Exposure Standards published by the Occupational Safety and Health Service, Department of Labour, January 2002, ISBN 0-477-03660-0. These are the WES referred to under the Group Standard (HSNO approval) and may constitute a PES.
Other References	Suppliers MSDS
<i>Review</i>	
Date	Reason for Review
November 2016	New SDS
<i>Disclaimer</i>	
<p>This SDS was prepared by Datachem LTD and is based on our current state of knowledge, including information obtained from suppliers. The SDS is given in good faith and constitutes a guideline (not a guarantee of safety). The level of risk each substance poses is relevant to its properties (as summarised in the SDS) AND HOW THE SUBSTANCE IS USED. While guidelines are given for personal protective equipment, such precautions must be relevant to the use. The likely HSNO classifications, are based on our experience, EPA Guidelines and international classifications. This SDS is copyright Datachem and must not be copied, edited or used for other than intended purpose. To contact the SDS author, email info@datachem.co.nz or phone: (09) 940 30 80.</p>	
