### **SAFETY DATA SHEET**



#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product name	TLX Xtra 303
Product code	469846-ZA01
SDS #	469846
Product type	Liquid.
1.2 Relevant identified uses	of the substance or mixture and uses advised against
Use of the substance/ mixture	Marine engine oil For specific application advice see appropriate Technical Data Sheet or consult our company representative.
1.3 Details of the supplier of	the safety data sheet
Supplier	BP Southern Africa (Pty)Ltd 199 Oxford Road Oxford Parks Dunkeld, 2196 South Africa
E-mail address	Product Technical Helpdesk: 0800 111 551 MSDSadvice@bp.com

## 1.4 Emergency telephone numberEMERGENCYTygerberg Poison Centre: 0861 555 777TELEPHONE NUMBERCarechem: +27 21 300 2732 (24/7)

#### **SECTION 2: Hazards identification**

2.1 Classification of the substance or mixture Product definition Mixture

Not classified.

**1.1 Product identifier** 

See sections 11 and 12 for more detailed information on health effects and symptoms and environmental hazards.

2.2 Label elements	
Signal word	No signal word.
Hazard statements	No known significant effects or critical hazards.
Precautionary statements	
Prevention	Not applicable.
Response	Not applicable.
Storage	Not applicable.
Disposal	Not applicable.
Hazardous ingredients	Phenol, dodecyl-, branched
Supplemental label elements	Contains C14-16-18 Alkyl phenol. May produce an allergic reaction. Safety data sheet available on request.
2.3 Other hazards	
Other hazards which do not result in classification	Defatting to the skin. USED ENGINE OILS Used engine oil may contain hazardous components which have the potential to cause skin cancer. See Toxicological Information, section 11 of this Safety Data Sheet. May cause endocrine disruption.

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SECTION 3: Compos	sition/informatio	n on ingr	redients		
3.2 Mixtures					
Product definition	Mixture				
Highly refined base oil (IP 346	DMSO extract < 3%). Pr	oprietary per	formance additives.		
Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Туре
C14-16-18 Alkyl phenol	REACH #:	≤3	Skin Sens. 1B, H317	-	[1]
Phenol, dodecyl-, branched	01-2119498288-19 REACH #: 01-2119513207-49 EC: 310-154-3 CAS: 121158-58-5 Index: 604-092-00-9	<0.3	STOT RE 2, H373 Skin Corr. 1C, H314 Eye Dam. 1, H318 Repr. 1B, H360F Aquatic Acute 1, H400 Aquatic Chronic 1, H410	M [Acute] = 10 M [Chronic] = 10	[1] [2]
[1] Substance classified with a [2] Substance of equivalent co		hazard			
SECTION 4: First aid	measures				
4.1 Description of first aid m	easures				
Eye contact	should be held away contact lenses. Get	from the eye medical atte		g. Check for and remov	
Skin contact		ig and shoes	and water or use recognised sk . Wash clothing before reuse. itation develops.		y before
Inhalation	If inhaled, remove to	fresh air. G	et medical attention if symptom	ns occur.	
Ingestion	Do not induce vomiti symptoms occur.	ng unless dir	ected to do so by medical pers	sonnel. Get medical atte	ention if
Protection of first-aiders	• •	ken involving	g any personal risk or without s	uitable training.	
See Section 11 for more deta <u>Potential acute health effect</u> Inhalation	<u>s</u>		symptoms. conditions is not normally a pro	oblem due to low vapou	r
Ingestion	No known significan	t effects or cr	itical hazards.		
Skin contact	Defatting to the skin.	May cause	skin dryness and irritation.		
Eye contact	No known significan	t effects or cr	itical hazards.		
Delayed and immediate effect	ts as well as chronic e	ffects from s	short and long-term exposure	<u>e</u>	
Inhalation	Overexposure to the i respiratory tract.	nhalation of a	airborne droplets or aerosols m	nay cause irritation of the	e
Ingestion	Ingestion of large qua	ntities may c	ause nausea and diarrhoea.		
Skin contact	Prolonged or repeated	d contact can	defat the skin and lead to irritation	ation and/or dermatitis.	
Eye contact	Potential risk of transi	ent stinging o	or redness if accidental eye co	ntact occurs.	
4.3 Indication of any immedia	te medical attention an	d special tre	eatment needed		
Notes to physician	Treatment should in g	general be sy	mptomatic and directed to relie	eving any effects.	
<b>SECTION 5: Firefight</b>	ting measures				
5.1 Extinguishing media					
Suitable extinguishing media	In case of fire, use fo	oam, dry che	mical or carbon dioxide extingu	iisher or spray.	
Unsuitable extinguishing media	Do not use water jet burning product.	. The use of	a water jet may cause the fire	to spread by splashing t	he
5.2 Special hazards arising fr Hazards from the			ncrease will occur and the cont	ainer may burst.	
substance or mixture	,			-	
Hazardous combustion products	Combustion product carbon oxides (CO, metal oxide/oxides		e the following: ı monoxide, carbon dioxide)		
5.3 Advice for firefighters					

#### 5.3 Advice for firefighters

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# Special precautions for fire-fighters No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. Special protective equipment for fire-fighters Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

#### **SECTION 6: Accidental release measures**

6.1 Personal precautions, pro	tective equipment and emergency procedures
For non-emergency personnel	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Floors may be slippery; use care to avoid falling. Put on appropriate personal protective equipment.
For emergency responders	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
6.2 Environmental precautions	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
6.3 Methods and material for o	containment and cleaning up
Small spill	Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor.
6.4 Reference to other sections	See Section 1 for emergency contact information. See Section 5 for firefighting measures. See Section 8 for information on appropriate personal protective equipment. See Section 12 for environmental precautions. See Section 13 for additional waste treatment information.

#### **SECTION 7: Handling and storage**

#### 7.1 Precautions for safe handling **Protective measures** Put on appropriate personal protective equipment. Advice on general Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash thoroughly after handling. Remove contaminated clothing and occupational hygiene protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. 7.2 Conditions for safe Store in accordance with local regulations. Store in a dry, cool and well-ventilated area, away storage, including any from incompatible materials (see Section 10). Keep away from heat and direct sunlight. Keep container tightly closed and sealed until ready for use. Containers that have been opened must incompatibilities be carefully resealed and kept upright to prevent leakage. Store and use only in equipment/ containers designed for use with this product. Do not store in unlabelled containers. Not suitable Prolonged exposure to elevated temperature 7.3 Specific end use(s) Recommendations See section 1.2 and Exposure scenarios in annex, if applicable.

#### **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

**Occupational exposure limits** 

No exposure limit value known.

Whilst specific OELs for certain components may be shown in this section, other components may be present in any mist, vapour or dust produced. Therefore, the specific OELs may not be applicable to the product as a whole and are provided for guidance only.

Recommended monitoring procedures

Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for

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	the determination of hazardous substances will also be required.
Biological exposure indices	
Product/ingredient	name Exposure indices
No exposure indices known.	
Derived No Effect Level No DNELs/DMELs available.	
Predicted No Effect Concentra	ation
No PNECs available	
8.2 Exposure controls	
Appropriate engineering controls	Provide exhaust ventilation or other engineering controls to keep the relevant airborne concentrations below their respective occupational exposure limits. All activities involving chemicals should be assessed for their risks to health, to ensure exposures are adequately controlled. Personal protective equipment should only be considered after other forms of control measures (e.g. engineering controls) have been suitably evaluated. Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained. Your supplier of personal protective equipment should be consulted for advice on selection and appropriate standards. For further information contact your national organisation for standards. The final choice of protective equipment will depend upon a risk assessment. It is important to ensure that all items of personal protective equipment are compatible.
Individual protection measure	
Hygiene measures	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the workstation location.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment. The correct choice of respiratory protection depends upon the chemicals being handled, the conditions of work and use, and the condition of the respiratory equipment. Safety procedures should be developed for each intended application. Respiratory protection equipment should therefore be chosen in consultation with the supplier/manufacturer and with a full assessment of the working conditions.
Eye/face protection	Safety glasses with side shields.
Skin protection Hand protection	General Information:
	Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. The correct choice of protective gloves depends upon the chemicals being handled, and the conditions of work and use. Most gloves provide protection for only a limited time before they must be discarded and replaced (even the best chemically resistant gloves will break down after repeated chemical exposures).
	Gloves should be chosen in consultation with the supplier / manufacturer and taking account of a full assessment of the working conditions.
	Recommended: Nitrile gloves. Breakthrough time:
	Breakthrough time data are generated by glove manufacturers under laboratory test conditions and represent how long a glove can be expected to provide effective permeation resistance. It is important when following breakthrough time recommendations that actual workplace conditions are taken into account. Always consult with your glove supplier for up-to-date technical information on breakthrough times for the recommended glove type. Our recommendations on the selection of gloves are as follows:
	Continuous contact:
	Gloves with a minimum breakthrough time of 240 minutes, or >480 minutes if suitable gloves can be obtained. If suitable gloves are not available to offer that level of protection, gloves with shorter breakthrough times may be acceptable as long as appropriate glove maintenance and replacement regimes are determined and adhered to.
	Short-term / splash protection:
	Recommended breakthrough times as above. It is recognised that for short-term, transient exposures, gloves with shorter breakthrough times may commonly be used. Therefore, appropriate maintenance and replacement regimes must be determined and rigorously followed.
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## **SECTION 8: Exposure controls/personal protection**

#### Glove Thickness:

For general applications, we recommend gloves with a thickness typically greater than 0.35 mm.

	For general applications, we recommend gloves with a thickness typically greater than 0.35 mm.
	It should be emphasised that glove thickness is not necessarily a good predictor of glove resistance to a specific chemical, as the permeation efficiency of the glove will be dependent on the exact composition of the glove material. Therefore, glove selection should also be based on consideration of the task requirements and knowledge of breakthrough times. Glove thickness may also vary depending on the glove manufacturer, the glove type and the glove model. Therefore, the manufacturers' technical data should always be taken into account to ensure selection of the most appropriate glove for the task.
	Note: Depending on the activity being conducted, gloves of varying thickness may be required for specific tasks. For example:
	• Thinner gloves (down to 0.1 mm or less) may be required where a high degree of manual dexterity is needed. However, these gloves are only likely to give short duration protection and would normally be just for single use applications, then disposed of.
	• Thicker gloves (up to 3 mm or more) may be required where there is a mechanical (as well as a chemical) risk i.e. where there is abrasion or puncture potential.
Skin and body	Use of protective clothing is good industrial practice. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Cotton or polyester/cotton overalls will only provide protection against light superficial contamination that will not soak through to the skin. Overalls should be laundered on a regular basis. When the risk of skin exposure is high (e.g. when cleaning up spillages or if there is a risk of splashing) then chemical resistant aprons and/or impervious chemical suits and boots will be required.
<u>Refer to standards:</u>	Respiratory protection: EN 529 Gloves: EN 420, EN 374 Eye protection: EN 166 Filtering half-mask: EN 149 Filtering half-mask with valve: EN 405 Half-mask: EN 140 plus filter Full-face mask: EN 136 plus filter Particulate filters: EN 143 Gas/combined filters: EN 14387
Environmental exposure controls	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## **SECTION 9: Physical and chemical properties**

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

#### 9.1 Information on basic physical and chemical properties

Physical state	Liquid.
Colour	Amber.
Odour	Not available.
Odour threshold	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flammability	Not available.
Lower and upper explosion limit	Not available.
Flash point	Closed cup: >200°C (>392°F) [Pensky-Martens]
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
рН	Not applicable.
Kinematic viscosity	Kinematic: 98.31 mm²/s (98.31 cSt) at 40°C Kinematic: 11 to 12 mm²/s (11 to 12 cSt) at 100°C

#### Solubility

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<b>SECTION 9: Physical a</b>	nd chemical pro	pert	ies	;				
	Media		Re	sult				
	water	1	Not	soluble				
Partition coefficient n-octanol/ water (log value)	Not applicable.							
Vapour pressure		Vap	our	Pressu	re at 20°C	Vapo	our pres	sure at 50°C
	Ingredient name	mm ł	i i		Method	mm Hg	kPa	Method
	Distillates (petroleum), hydrotreated heavy paraffinic	<0.08	<	<0.011	ASTM D 5191			
	Distillates (petroleum), solvent-dewaxed heavy paraffinic	<0.08	<	<0.011	ASTM D 5191			
	Benzoic acid, 2-hydroxy-, mono- C14-18-alkyl derivs., calcium salts (2:1)	0.0000	065 0	0.0000087	OECD 104			
Density and/or Relative density	<1000 kg/m <sup>3</sup> (<1 g/	cm³) at	20°	°C				
Relative vapour density	Not available.							
Particle characteristics								
Median particle size	Not applicable.							
9.2 Other information								
Evaporation rate	Not available.							
Explosive properties	Not available.							
Oxidising properties	Not available.							
Pour point	-13 °C							
SECTION 10: Stability a	and reactivity							
10.1 Reactivity	No specific test data av materials for additional				duct. Refer	to Cond	itions to	avoid and Incompati
10.2 Chemical stability	The product is stable.							
10.3 Possibility of hazardous reactions	Under normal condition Under normal condition							
10.4 Conditions to avoid	Avoid all possible source	ces of i	gniti	ion (spa	rk or flame).			
10.5 Incompatible materials	Reactive or incompatib	le with	the	following	g materials:	oxidisinę	g materia	als.
10.6 Hazardous decomposition products	Under normal condition produced.	is of sto	orag	je and u	se, hazardoi	us decoi	mpositio	n products should no

#### **SECTION 11: Toxicological information**

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity estimates

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
Long chain alkyl phenol	2500	N/A	N/A	N/A	N/A

Information on likely routes of exposure

Routes of entry anticipated: Dermal, Inhalation, Eyes.

## Potential acute health effects

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Inhalation	Vapour inhalation under ambient conditions is not normally a problem due to low vapour pressure.
Ingestion	No known significant effects or critical hazards.
Skin contact	Defatting to the skin. May cause skin dryness and irritation.
Eye contact	No known significant effects or critical hazards.
Symptoms related to the physical	sical, chemical and toxicological characteristics

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## **SECTION 11: Toxicological information**

	-
Ingestion	No specific data.
Skin contact	Adverse symptoms may include the following: irritation dryness cracking
Eye contact	No specific data.
Delayed and immediate effect	cts as well as chronic effects from short and long-term exposure
Inhalation	Overexposure to the inhalation of airborne droplets or aerosols may cause irritation of the respiratory tract.
Ingestion	Ingestion of large quantities may cause nausea and diarrhoea.
Skin contact	Prolonged or repeated contact can defat the skin and lead to irritation and/or dermatitis.
Eye contact	Potential risk of transient stinging or redness if accidental eye contact occurs.
Potential chronic health effe	<u>cts</u>
General	USED ENGINE OILS Combustion products resulting from the operation of internal combustion engines contaminate engine oils during use. Used engine oil may contain hazardous components which have the potential to cause skin cancer. Frequent or prolonged contact with all types and makes of used engine oil must therefore be avoided and a high standard of personal hygiene maintained.
Carcinogenicity	No known significant effects or critical hazards.
Mutagenicity	No known significant effects or critical hazards.
Developmental effects	No known significant effects or critical hazards.
Fertility effects	No known significant effects or critical hazards.

#### 11.2 Information on other hazards

11.2.2 Other information

Not available.

#### **SECTION 12: Ecological information**

12.1 Toxicity

Environmental hazards Not classified as dangerous

#### 12.2 Persistence and degradability

Expected to be biodegradable.

#### 12.3 Bioaccumulative potential

This product is not expected to bioaccumulate through food chains in the environment.

12.4 Mobility in soil	
Soil/water partition coefficient (Koc)	Not available.
Mobility	Spillages may penetrate the soil causing ground water contamination.

#### 12.5 Results of PBT and vPvB assessment

Product does not meet the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII.

Other ecological information	Spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired.
12.7 Other adverse effects	No known significant effects or critical hazards.

## **SECTION 13: Disposal considerations**

13.1 Waste treatment method	S
Product	
Methods of disposal	Where possible, arrange for product to be recycled. Dispose of via an authorised person/ licensed waste disposal contractor in accordance with local regulations.
Hazardous waste	Yes.
Packaging	
Methods of disposal	Where possible, arrange for product to be recycled. Dispose of via an authorised person/ licensed waste disposal contractor in accordance with local regulations.
Special precautions	This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
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#### **SECTION 13: Disposal considerations**

Other information

References

At sea, used or unwanted product should be stored for eventual discharge into port approved waste oil disposal facilities. Commission 2014/955/EU Directive 2008/98/EC

#### **SECTION 14: Transport information**

	ADR/RID	ADN	IMDG	IATA
14.1 UN number or ID number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-	-
14.3 Transport hazard class(es)	-	-	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No.	No.	No.	No.
Additional information	-	-	-	-

14.6 Special precautions for Not available. user

14.7 Maritime transport in<br/>bulk according to IMO<br/>instrumentsNot available.

#### **SECTION 15: Regulatory information**

# 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Other regulations REACH Status For the REACH status of this product please consult your company contact, as identified in

REAGIN Status	Section 1.
United States inventory (TSCA 8b)	All components are active or exempted.
Australia inventory (AIIC)	All components are listed or exempted.
Canada inventory	All components are listed or exempted.
China inventory (IECSC)	Not determined.
Japan inventory (CSCL)	All components are listed or exempted.
Korea inventory (KECI)	All components are listed or exempted.
Philippines inventory (PICCS)	All components are listed or exempted.
Taiwan Chemical Substances Inventory (TCSI)	Not determined.

15.2 Chemical safety	A Chemical Safety Assessment has been carried out for one or more of the substances within			
assessment	this mixture. A Chemical Safety Assessment has not been carried out for the mixture itself.			

#### **SECTION 16: Other information**

Abbreviations and acronyms	ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
	ADR = The European Agreement concerning the International Carriage of Dangerous Goods by
	Road
	ATE = Acute Toxicity Estimate
	BCF = Bioconcentration Factor
	CAS = Chemical Abstracts Service
	CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

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#### **SECTION 16: Other information**

	CSA - Chemical Safety Assessment
	CSA = Chemical Safety Assessment
	CSR = Chemical Safety Report
	DMEL = Derived Minimal Effect Level
	DNEL = Derived No Effect Level
	EINECS = European Inventory of Existing Commercial chemical Substances
	ES = Exposure Scenario
	EUH statement = CLP-specific Hazard statement
	EWC = European Waste Catalogue
	GHS = Globally Harmonized System of Classification and Labelling of Chemicals
	IATA = International Air Transport Association
	IBC = Intermediate Bulk Container
	IMDG = International Maritime Dangerous Goods
	LogPow = logarithm of the octanol/water partition coefficient
	MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as
	modified by the Protocol of 1978. ("Marpol" = marine pollution)
	OECD = Organisation for Economic Co-operation and Development
	PBT = Persistent, Bioaccumulative and Toxic
	PNEC = Predicted No Effect Concentration
	REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation
	[Regulation (EC) No. 1907/2006]
	RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
	RRN = REACH Registration Number
	SADT = Self-Accelerating Decomposition Temperature
	SVHC = Substances of Very High Concern
	STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
	STOT-SE = Specific Target Organ Toxicity - Single Exposure
	TWA = Time weighted average
	UN = United Nations
	UVCB = Complex hydrocarbon substance
	VOC = Volatile Organic Compound
	vPvB = Very Persistent and Very Bioaccumulative
	Varies = may contain one or more of the following 64741-88-4 / RRN 01-2119488706-23,
	64741-89-5 / RRN 01-2119487067-30, 64741-95-3 / RRN 01-2119487081-40, 64741-96-4/ RRN
	01-2119483621-38, 64742-01-4 / RRN 01-2119488707-21, 64742-44-5 / RRN
	01-2119985177-24, 64742-45-6, 64742-52-5 / RRN 01-2119467170-45, 64742-53-6 / RRN
	01-2119480375-34, 64742-54-7 / RRN 01-2119484627-25, 64742-55-8 / RRN
	01-2119487077-29, 64742-56-9 / RRN 01-2119480132-48, 64742-57-0 / RRN
	01-2119489287-22, 64742-58-1, 64742-62-7 / RRN 01-2119480472-38, 64742-63-8,
	64742-65-0 / RRN 01-2119471299-27, 64742-70-7 / RRN 01-2119487080-42, 72623-85-9 /
	RRN 01-2119555262-43, 72623-86-0 / RRN 01-2119474878-16, 72623-87-1 / RRN
	01-2119474889-13
History	
Date of issue/ Date of	07/12/2023.
revision	
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Prepared by Product Stewardship

Indicates information that has changed from previously issued version.

#### Notice to reader

All reasonably practicable steps have been taken to ensure this data sheet and the health, safety and environmental information contained in it is accurate as of the date specified below. No warranty or representation, express or implied is made as to the accuracy or completeness of the data and information in this data sheet.

The data and advice given apply when the product is sold for the stated application or applications. You should not use the product other than for the stated application or applications without seeking advice from BP Group.

It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The BP Group shall not be responsible for any damage or injury resulting from use, other than the stated product use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material. Purchasers of the product for supply to a third party for use at work, have a duty to take all necessary steps to ensure that any person handling or using the product is provided with the information in this sheet. Employers have a duty to tell employees and others who may be affected of any hazards described in this sheet and of any precautions that should be taken. You can contact the BP Group to ensure that this document is the most current available. Alteration of this document is strictly prohibited.

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