Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2015/830

SAFETY DATA SHEET



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

	cation of the substance/mature and of the company/anacraking
1.1 Product identifier	
Product name	Castrol GTX 10W-40 A3/B4
Product code	466846-BE02
SDS no.	466846
Product type	Liquid.
1.2 Relevant identified uses	s of the substance or mixture and uses advised against
Use of the substance/ mixture	Automotive engine crankcase lubricant. For specific application advice see appropriate Technical Data Sheet or consult our company representative.
1.3 Details of the supplier of	of the safety data sheet
Supplier	Castrol (UK) Limited
	PO Box 354,
	Chertsey Road,
	Sunbury On Thames, Middlesex,
	TW16 9AW
	Orders/Enquiries: 0845 6008125
	Technical Enquiries: 0845 082 1719
	BP (Ireland) Ireland Orders/Enquiries: 1850 930 3942
	Ireland Technical Enquiries: 1800 509 353
E-mail address	MSDSadvice@bp.com
1.4 Emergency telephone n	umber
EMERGENCY	Carechem: +44 (0) 1235 239 670 (24/7)
TELEPHONE NUMBER	
SECTION 2: Hazards	s identification
2.1 Classification of the sub	stance or mixture
Product definition	Mixture
Classification according to Not classified.	D Regulation (EC) No. 1272/2008 [CLP/GHS]
See sections 11 and 12 for r	nore 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.
•	

EU Regulation (EC) No. 1907/2006 (REACH)

Not applicable.

Supplemental label

elements

SECTION 2: Hazards identification

Annex XVII - Restrictions on the manufacture,	Not a	applicable.			
placing on the market and use of certain					
dangerous substances,					
mixtures and articles					
Special packaging requireme Containers to be fitted		applicable.			
with child-resistant fastenings	NOLE				
Tactile warning of danger	Not a	applicable.			
2.3 Other hazards					
Other hazards which do not result in classification	USE Usec canc			which have the potential to caus	se skin
SECTION 3: Composi		C		.,	
Substance/mixture	Mixtu				
Highly refined base oil (IP 346			erformance additive	S.	
Product/ingredient name		Identifiers	%	Regulation (EC) No. 1272/2008 [CLP]	Туре
Base oil - unspecified		Varies - See Key to abbreviations	≤0.3	Asp. Tox. 1, H304	[1] [2]
Lubricating oils (petroleum), C2 hydrotreated neutral oil-based	0-50,	REACH #: 01-2119474889 EC: 276-738-4 CAS: 72623-87-1 Index: 649-483-00-5	-13 ≥10 - ≤25	Asp. Tox. 1, H304	[1]
Alkaryl amine		Proprietary	≤3	Aquatic Chronic 4, H413	[1]
See Section 16 for the full tex	t of the	H statements declared abo	ove.		
Туре					
 Substance classified with a h Substance with a workplace Substance meets the criteria Substance meets the criteria Substance meets the criteria Substance of equivalent con 	exposu i for PB i for vPv	re limit Γ according to Regulation (Ει			
Occupational exposure limits, if		le, are listed in Section 8.			
SECTION 4: First aid	meas	ures			
4.1 Description of first aid mea	asures				
Eye contact	shou		ball to ensure thoro	of water for at least 15 minutes ugh rinsing. Check for and remo	
Skin contact	Wash skin thoroughly with soap and water or use recognised skin cleanser. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if irritation develops.				
Inhalation	If inhaled, remove to fresh air. Get medical attention if symptoms appear.				
Ingestion		ot induce vomiting unless dir otoms occur.	ected to do so by m	edical personnel. Get medical a	attention if
Protection of first-aiders	No a	ction shall be taken involving) any personal risk c	or without suitable training.	
1.2 Most important symptoms See Section 11 for more detai					

Notes to physician Treatment should in general be symptomatic and directed to relieving any effects.

Product name	Castrol GTX 10W-40 A3/B4		Product code 466846-	3E02	Page: 2/10
Version 7.01	Date of issue 10 February 2017	Format	United Kingdom (UK) (United Kingdom)	Language	ENGLISH

SECTION 5: Firefighting measures

5.1 Extinguishing media	
Suitable extinguishing media	In case of fire, use foam, dry chemical or carbon dioxide extinguisher or spray.
Unsuitable extinguishing media	Do not use water jet.
5.2 Special hazards arising fro	m the substance or mixture
Hazards from the substance or mixture	In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous combustion products	Combustion products may include the following: carbon oxides (CO, CO ₂) (carbon monoxide, carbon dioxide)
5.3 Advice for firefighters	
Special precautions for fire-fighters	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
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, prote	ctive 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 co	ntainment 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 handli	ng
Protective measures	Put on appropriate personal protective equipment.
Advice on general occupational hygiene	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 protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

SECTION 7: Handling and storage

7.2 Conditions for safe storage, including any incompatibilities	Store in accordance with local regulations. Store in a dry, cool and well-ventilated area, away 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 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	e controls/personal protection					
8.1 Control parameters						
Occupational exposure limits						
Product/ingredie	ent name Exposure limit values					
Base oil - unspecified	ACGIH TLV (United States). TWA: 5 mg/m ³ 8 hours. Issued/Revised: 11/2009 Form: Inhalable fractior					
	n components may be shown in this section, other components may be present in any mist, efore, the specific OELs may not be applicable to the product as a whole and are provided for					
Recommended monitoring procedures	If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. 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 the determination of hazardous substances will also be required.					
Derived No Effect Level No DNELs/DMELs available.						
Predicted No Effect Concentr	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						

SECTION 8: Exposure controls/personal protection

Hand protection

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.

Glove Thickness:

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.

Product name	Castrol GTX 10W-40 A3/B4		Product code 466846-	BE02	Page: 5/10
Version 7.01	Date of issue 10 February 2017	Format	United Kingdom (UK) (United Kingdom)	Language	ENGLISH

SECTION 8: Exposure controls/personal protection

•	
Refer to standards:	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

9.1 Information on basic physical and chemical properties

Appearance	
Physical state	Liquid.
Colour	Amber. [Light]
Odour	Not available.
Odour threshold	Not available.
рН	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Pour point	-36 °C
Flash point	Closed cup: 204°C (399.2°F) [Pensky-Martens.]
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	Not available.
Density	869 kg/m³ (0.869 g/cm³) at 15°C
Solubility(ies)	insoluble in water.
Partition coefficient: n-octanol/ water	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Kinematic: 98.7 mm²/s (98.7 cSt) at 40°C Kinematic: 14.3 mm²/s (14.3 cSt) at 100°C
Explosive properties	Not available.
Oxidising properties	Not available.

9.2 Other information

No additional information.

SECTION 10: Stability and reactivity					
10.1 Reactivity	No specific test data available for this product. Refer to Conditions to avoid and Incompatible materials for additional information.				
10.2 Chemical stability	The product is stable.				
10.3 Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous polymerisation will not occur.				
10.4 Conditions to avoid	Avoid all possible sources	s of ignition (spark o	or flame).		
Product name Castrol GTX 1	0W-40 A3/B4		Product code 46	6846-BE02	Page: 6/10
Version 7.01 Date of issue	e 10 February 2017	Format	United Kingdom (UK) (United Kingdom)	Language	ENGLISH

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2015/830

SECTION 10: Stability and reactivity

10.5 Incompatible materials Reactive or incompatible with the following materials: oxidising materials.

10.6 HazardousUnder normal conditions of storage and use, hazardous decomposition products should not be
produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity estimates

	Route	ATE value	
Not available.			
Information on likely routes of exposure	Routes of entry anticipated: Dermal, Inhalation	n.	
Potential acute health effect	<u>xts</u>		
Inhalation	Vapour inhalation under ambient conditions is pressure.	Vapour inhalation under ambient conditions is not normally a problem due to low vapour pressure.	
Ingestion	No known significant effects or critical hazards	5.	
Skin contact	Defatting to the skin. May cause skin dryness	and irritation.	
Eye contact	No known significant effects or critical hazards	5.	
Symptoms related to the pl	hysical, chemical and toxicological characterist	<u>ics</u>	
Inhalation	No specific data.		
Ingestion	No specific data.		
Skin contact	Adverse symptoms may include the following: irritation dryness cracking		
Eye contact	No specific data.		
Delayed and immediate effe	ects as well as chronic effects from short and lo	ong-term exposure	
Inhalation	Overexposure to the inhalation of airborne dro respiratory tract.	pplets or aerosols may cause irritation of the	
Ingestion	Ingestion of large quantities may cause nause	a and diarrhoea.	
Skin contact	Prolonged or repeated contact can defat the s	kin and lead to irritation and/or dermatitis.	
Eye contact	Potential risk of transient stinging or redness i	f accidental eye contact occurs.	
Potential chronic health eff	iects		
General	engine oils during use. Used engine oil may o	tion of internal combustion engines contaminate contain hazardous components which have the rolonged contact with all types and makes of used gh standard of personal hygiene maintained.	
Carcinogenicity	No known significant effects or critical hazards	3.	
Mutagenicity	No known significant effects or critical hazards	5.	
Developmental effects	No known significant effects or critical hazards.		
Fertility effects	No known significant effects or critical hazards.		

SECTION 12: Ecological information

12.1 Toxicity Environmental hazards

I 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

Product name Castrol GTX 10W-40 A3/B4		Product code 466846-	BE02	Page: 7/10
Version 7.01	Date of issue 10 February 2017	United Kingdom (UK) (United Kingdom)	Language	ENGLISH

SECTION 12: Ecological information

Soil/water partition coefficient (K _{oc})	Not available.
Mobility	Spillages may penetrate the soil causing ground water contamination.

12.5 Results of PBT and vPvB assessment

PBT	Not applicable
vPvB	Not applicable.

12.6 Other adverse effects

Other ecological information Spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired.

SECTION 13: Disposal considerations

Yes

13.1 Waste treatment methods

Product

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

Methods of disposal

European waste catalogue (EWC)

Waste code	Waste designation
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils

However, deviation from the intended use and/or the presence of any potential contaminants may require an alternative waste disposal code to be assigned by the end user.

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.

SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
14.1 UN 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 Transport in bulk according to Annex II of Marpol and the IBC Code Not available.

7

Product name	Castrol GTX 10W-40 A3/B4
Version 7.01	Date of issue 10 February 201

	Product code	466846-BE02	Page: 8/10
Format	United Kingdom (UK) (United Kingdo	Language	ENGLISH
	· · · · · · · · · · · · · · · · · · ·	,	

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2015/830

SECTION 15: Regulatory information 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture EU Regulation (EC) No. 1907/2006 (REACH) Annex XIV - List of substances subject to authorisation Substances of very high concern None of the components are listed. **Other regulations REACH Status** The company, as identified in Section 1, sells this product in the EU in compliance with the current requirements of REACH. **United States inventory** All components are listed or exempted. (TSCA 8b) Australia inventory (AICS) All components are listed or exempted. **Canada inventory** All components are listed or exempted. China inventory (IECSC) All components are listed or exempted. Japan inventory (ENCS) All components are listed or exempted. Korea inventory (KECI) All components are listed or exempted. **Philippines inventory** All components are listed or exempted. (PICCS) **Taiwan Chemical** All components are listed or exempted. Substances Inventory

(TCSI)

15.2 Chemical safety	This product contains substances for which Chemical Safety Assessments are still required.
assessment	

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]			
	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			
	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			
Broduct name Costrol CTX 10				

Product name Castrol GTX 10W-40 A3/B4		Product code 46684	6-BE02	Page: 9/10	
Version 7.01	Date of issue 10 February 2017	Format	United Kingdom (UK) (United Kingdom)	Language	ENGLISH

SECTION 16: Other information

	,	r more of the following 101316-69-2 / RRN 01-2119486948-13, 101316-72-7 / RRN 01-2119489969-06, 64741-88-4 / RRN		
		89-5 / RRN 01-2119487067-30, 64741-95-3 / RRN		
	, , , , , , ,	96-4/ RRN 01-2119483621-38, 64741-97-5 / RRN		
	01-2119480374-36, 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-				
	01-2119480375-34, 64742-54-7 / RRN 01-2119484627-25, 64742-55-8 / RRN			
		56-9 / RRN 01-2119480132-48, 64742-57-0 / RRN		
		58-1, 64742-62-7 / RRN 01-2119480472-38, 64742-63-8,		
	,	RN 01-2119471299-27, 64742-70-7 / RRN 01-2119487080-42,		
		555262-43, 72623-86-0 / RRN 01-2119474878-16, 72623-87-1 /		
	RRN 01-2119474889-13, 74869-22-0 / RRN 01-2119495601-36, 90669-74-2 / RRN			
	01-2119970171-43			
Full text of abbreviated H	H304	May be fatal if swallowed and enters airways.		
statements	H413	May cause long lasting harmful effects to aquatic life.		
Full text of classifications	Aquatic Chronic 4, H413	LONG-TERM AQUATIC HAZARD - Category 4		
[CLP/GHS]	Asp. Tox. 1, H304	ASPIRATION HAZARD - Category 1		
<u>History</u>				
Date of issue/ Date of revision	10/02/2017.			
	04/40/0040			
Date of previous issue	31/10/2016.			
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.