According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

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SECTION 1. IDENTIFICATION		
Product name	: Shell GadusRail S2 Wheel Flange Gro	ease 1
Product code	: 001D8469	
Manufacturer or supplier's	letails	
Manufacturer/Supplier	: Shell Oil Products US PO Box 4427 Houston TX 77210-4427 USA	
SDS Request	: (+1) 877-276-7285	
Customer Service	:	
•	ber : 877-504-9351 : 877-242-7400	
Recommended use of the c Recommended use	hemical and restrictions on use : Automotive and industrial grease.	

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Not a hazardous substance or mixture.

GHS label elements

Hazard pictograms	: No Hazard Symbol required
Signal word	: No signal word
Hazard statements	 PHYSICAL HAZARDS: Not classified as a physical hazard under GHS criteria. HEALTH HAZARDS: Not classified as a health hazard under GHS criteria. ENVIRONMENTAL HAZARDS: Not classified as an environmental hazard under GHS criteria.
Precautionary statements	 Prevention: No precautionary phrases. Response: No precautionary phrases. Storage: No precautionary phrases. Disposal: No precautionary phrases.

Other hazards which do not result in classification

Prolonged or repeated skin contact without proper cleaning can clog the pores of the skin resulting in disorders such as oil acne/folliculitis.

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Used grease may contain harmful impurities.

High-pressure injection under the skin may cause serious damage including local necrosis. Not classified as flammable but will burn.

The classification of this material is based on OSHA HCS 2012 criteria.

Under normal conditions of use or in a foreseeable emergency, this product does not meet the definition of a hazardous chemical when evaluated according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature	:	A lubricating grease containing highly-refined mineral oils and
		additives. The highly refined mineral oil contains <3% (w/w) DMSO-
		extract, according to IP346.

Hazardous components

Chemical name	Synonyms	CAS-No.	Concentration (%)
Zinc dialkyldithiophosphate	Phosphorodithioic acid, O,O-di-C1-14- alkyl esters, zinc salts	68649-42-3	1 - 2.4

SECTION 4. FIRST-AID MEASURES

General advice	: Not expected to be a health hazard when used under normal conditions.	1
If inhaled	: No treatment necessary under normal conditions of use. If symptoms persist, obtain medical advice.	
In case of skin contact	: Remove contaminated clothing. Flush exposed area with wa- ter and follow by washing with soap if available. If persistent irritation occurs, obtain medical attention.	-
	When using high pressure equipment, injection of product under the skin can occur. If high pressure injuries occur, the casualty should be sent immediately to a hospital. Do not wa for symptoms to develop. Obtain medical attention even in the absence of apparent wounds.	iit
In case of eye contact	: Flush eye with copious quantities of water. If persistent irritation occurs, obtain medical attention.	
If swallowed	: In general no treatment is necessary unless large quantities are swallowed, however, get medical advice.	
Most important symptoms and effects, both acute and delayed	: Oil acne/folliculitis signs and symptoms may include formatio of black pustules and spots on the skin of exposed areas. Ingestion may result in nausea, vomiting and/or diarrhoea. Local necrosis is evidenced by delayed onset of pain and	
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	tissue damage a few hours follow	ving injection.
Protection of first-aiders	: When administering first aid, ensu- appropriate personal protective e incident, injury and surroundings.	quipment according to the
Immediate medical attention, special treatment	: Treat symptomatically.	
	High pressure injection injuries require prompt surgical inter- vention an d possibly steroid therapy, to minimise tissue dam- age and loss of function. Because entry wounds are small and do not reflect the seri- ousness of the underlying damage, surgical exploration to determine the extent of involvement may be necessary. Local anaesthetics or hot soaks should be avoided because they can contribute to swelling, vasospasm and ischaemia. Prompt surgical decompression, debridement and evacuation of for- eign material should be performed under general anaesthet- ics, and wide exploration is essential.	

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	Foam, water spray or fog. Dry chemical powder, carbon diox- ide, sand or earth may be used for small fires only.
Unsuitable extinguishing media	:	Do not use water in a jet.
Specific hazards during fire- fighting	:	Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon monoxide may be evolved if incomplete combustion occurs. Unidentified organic and inorganic compounds.
Specific extinguishing meth- ods	:	Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment.
Special protective equipment for firefighters	:	Proper protective equipment including chemical resistant gloves are to be worn; chemical resistant suit is indicated if large contact with spilled product is expected. Self-Contained Breathing Apparatus must be worn when approaching a fire in a confined space. Select fire fighter's clothing approved to relevant Standards (e.g. Europe: EN469).

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- tive equipment and emer- gency procedures	:	Avoid contact with skin and eyes.
Environmental precautions	:	Use appropriate containment to avoid environmental contami- nation. Prevent from spreading or entering drains, ditches or
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Methods and materials for containment and cleaning up	rivers by using sand, earth, or otPrevent from spreading or enteriers by using sand, earth, or othe	ng into drains, ditches or riv-
Additional advice	 For guidance on selection of per see Chapter 8 of this Safety Data For guidance on disposal of spill this Safety Data Sheet. 	a Sheet.

SECTION 7. HANDLING AND STORAGE

Technical measures	:	Use local exhaust ventilation if there is risk of inhalation of vapours, mists or aerosols. Use the information in this data sheet as input to a risk assessment of local circumstances to help determine appropriate controls for safe handling, storage and disposal of this material.
Precautions for safe handling	:	Avoid prolonged or repeated contact with skin. Avoid inhaling vapour and/or mists. When handling product in drums, safety footwear should be worn and proper handling equipment should be used. Properly dispose of any contaminated rags or cleaning mate- rials in order to prevent fires.
Avoidance of contact	:	Strong oxidising agents.
Storage		
Other data	:	Keep container tightly closed and in a cool, well-ventilated place. Use properly labeled and closable containers.
		Store at ambient temperature.
Packaging material	:	Suitable material: For containers or container linings, use mild steel or high density polyethylene. Unsuitable material: PVC.
Container Advice	:	Polyethylene containers should not be exposed to high tem- peratures because of possible risk of distortion.

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
Oil mist, mineral	Not Assigned	TWA ((inhal-	5 mg/m3	US. ACGIH

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able frac- tion))		Threshold Limit Values
(Mist)	5 mg/m3	OSHA_TRA NS

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Biological occupational exposure limits

No biological limit allocated.

Monitoring Methods

Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls. For some substances biological monitoring may also be appropriate.

Validated exposure measurement methods should be applied by a competent person and samples analysed by an accredited laboratory.

Examples of sources of recommended exposure measurement methods are given below or contact the supplier. Further national methods may be available.

National Institute of Occupational Safety and Health (NIOSH), USA: Manual of Analytical Methods http://www.cdc.gov/niosh/

Occupational Safety and Health Administration (OSHA), USA: Sampling and Analytical Methods http://www.osha.gov/

Health and Safety Executive (HSE), UK: Methods for the Determination of Hazardous Substances http://www.hse.gov.uk/

Institut für Arbeitsschutz Deutschen Gesetzlichen Unfallversicherung (IFA), Germany http://www.dguv.de/inhalt/index.jsp

L'Institut National de Recherche et de Securité, (INRS), France http://www.inrs.fr/accueil

Engineering measures

 The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Select controls based on a risk assessment of local circumstances. Appropriate measures include: Adequate ventilation to control airborne concentrations.

Where material is heated, sprayed or mist formed, there is greater potential for airborne concentrations to be generated.

General Information:

Define procedures for safe handling and maintenance of controls.

Educate and train workers in the hazards and control measures relevant to normal activities associated with this product.

Ensure appropriate selection, testing and maintenance of equipment used to control exposure, e.g. personal protective equipment, local exhaust ventilation.

Drain down system prior to equipment break-in or maintenance.

Retain drain downs in sealed storage pending disposal or subsequent recycle.

Always observe good personal hygiene measures, such as washing hands after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.

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	Due to the product's semi-solid mists and dusts is unlikely to or	
Personal protective equip	ment	
Respiratory protection	 No respiratory protection is ord conditions of use. In accordance with good indust tions should be taken to avoid I If engineering controls do not n tions to a level which is adequa select respiratory protection eq cific conditions of use and mee Check with respiratory protective Where air-filtering respirators a priate combination of mask and Select a filter suitable for the co and vapours [Type A/Type P b 	trial hygiene practices, precau- breathing of material. naintain airborne concentra- ate to protect worker health, uipment suitable for the spe- ting relevant legislation. ve equipment suppliers. are suitable, select an appro- d filter. combination of organic gases
Hand protection Remarks	: Where hand contact with the pr gloves approved to relevant sta US: F739) made from the follow suitable chemical protection. P' gloves Suitability and durability usage, e.g. frequency and dura sistance of glove material, dext glove suppliers. Contaminated Personal hygiene is a key elem Gloves must only be worn on c gloves, hands should be washe cation of a non-perfumed moist For continuous contact we reco through time of more than 240 480 minutes where suitable gloves short-term/splash protection we recognize that suitable gloves of may not be available and in this time maybe acceptable so long and replacement regimes are fr a good predictor of glove resist dependent on the exact compo Glove thickness should be typic depending on the glove make a	andards (e.g. Europe: EN374, wing materials may provide VC, neoprene or nitrile rubber of a glove is dependent on ation of contact, chemical re- terity. Always seek advice from gloves should be replaced. nent of effective hand care. clean hands. After using ed and dried thoroughly. Appli- turizer is recommended. commend gloves with break- minutes with preference for > oves can be identified. For e recommend the same, but offering this level of protection s case a lower breakthrough g as appropriate maintenance followed. Glove thickness is not tance to a chemical as it is osition of the glove material. cally greater than 0.35 mm
Eye protection	: If material is handled such that protective eyewear is recomme	
Skin and body protection	: Skin protection is not ordinarily work clothes. It is good practice to wear cher	
Protective measures	: Personal protective equipment mended national standards. Ch	

Environmental exposure controls

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General advice	 Take appropriate measures to furvant environmental protection legorithm of the environment by following a necessary, prevent undissolved charged to waste water. Waste water industrial waste water discharge to surface water. Local guidelines on emission limmust be observed for the discharge vapour. 	gislation. Avoid contamination advice given in Chapter 6. If material from being dis- water should be treated in a ter treatment plant before its for volatile substances

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Semi-solid at ambient temperature.	
Colour	: dark grey	
Odour	: Slight hydrocarbon	
Odour Threshold	: Data not available	
рН	: Not applicable	
Drop point	: 177 °C / 350 °FMethod: IP 396	
Initial boiling point and boiling range	: Data not available	
Flash point	: Not applicable	
Evaporation rate	: Data not available	
Flammability (solid, gas)	: Data not available	
Upper explosion limit	: Typical 10 %(V)	
Lower explosion limit	: Typical 1 %(V)	
Vapour pressure	: < 0.5 Pa (20 °C / 68 °F) estimated value(s)	
Relative vapour density	: > 1estimated value(s)	
Relative density	: 0.900 (15 °C / 59 °F)	
Density	: 900 kg/m3 (15.0 °C / 59.0 °F) Method: Unspecified	
Solubility(ies) Water solubility	: negligible	
Solubility in other solvents	: Data not available	
Partition coefficient: n-	: Pow: > 6(based on information on similar products)	
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octanol/water		
Auto-ignition temperature	: > 320 °C / 608 °F	
Viscosity		
Viscosity, dynamic	: Data not available	
Viscosity, kinematic	: 168 mm2/s (40.0 °C / 104.0 °F) Method: ASTM D445	
	15.6 mm2/s (100 °C / 212 °F) Method: ASTM D445	
Explosive properties	: Not classified	
Oxidizing properties	: Data not available	
Conductivity	: This material is not expected to be a	static accumulator.
Decomposition temperature	: Data not available	

SECTION 10. STABILITY AND REACTIVITY

Chemical stability	: Stable.	
Possibility of hazardous reac- tions	: Reacts with strong oxidising agents.	
Conditions to avoid	: Extremes of temperature and direct sunlight.	
Incompatible materials	: Strong oxidising agents.	
Hazardous decomposition products	: Hazardous decomposition products are not expected to form during normal storage.	

SECTION 11. TOXICOLOGICAL INFORMATION

Basis for assessment : Information given is based on data on the components and the toxicology of similar products.Unless indicated otherwise, the data presented is representative of the product as a whole, rather than for individual component(s).

Information on likely routes of exposure

Skin and eye contact are the primary routes of exposure although exposure may occur following accidental ingestion.

Acute toxicity

Product:

Acute oral toxicity : LD50 (rat): > 5,000 mg/kg

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	Remarks: Expected to be of low	toxicity:
Acute inhalation toxicity	: Remarks: Not considered to be normal conditions of use.	an inhalation hazard under
Acute dermal toxicity	: LD50 (Rabbit): > 5,000 mg/kg Remarks: Expected to be of low	toxicity:

Skin corrosion/irritation

Product:

Remarks: Expected to be slightly irritating., Prolonged or repeated skin contact without proper cleaning can clog the pores of the skin resulting in disorders such as oil acne/folliculitis.

Serious eye damage/eye irritation

Product:

Remarks: Expected to be slightly irritating.

Components:

Zinc dialkyldithiophosphate:

Remarks: Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Product:

Remarks: Not expected to be a skin sensitiser.

Germ cell mutagenicity

Product:

: Remarks: Not considered a mutagenic hazard.

Carcinogenicity

Product:

Remarks: Not expected to be carcinogenic.

Remarks: Product contains mineral oils of types shown to be non-carcinogenic in animal skinpainting studies., Highly refined mineral oils are not classified as carcinogenic by the International Agency for Research on Cancer (IARC).

IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcino-
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NTP	gen by OSHA. No component of this product present a equal to 0.1% is identified as a known by NTP.	
Reproductive toxicity <u>Product:</u>	: Remarks: Not expected to impair fer a developmental toxicant.	rtility., Not expected to be

STOT - single exposure

Product:

Remarks: Not expected to be a hazard.

STOT - repeated exposure

Product:

Remarks: Not expected to be a hazard.

Aspiration toxicity

Product:

Not considered an aspiration hazard.

Further information

Product:

Remarks: Used grease may contain harmful impurities that have accumulated during use. The concentration of such harmful impurities will depend on use and they may present risks to health and the environment on disposal., ALL used grease should be handled with caution and skin contact avoided as far as possible.

Remarks: High pressure injection of product into the skin may lead to local necrosis if the product is not surgically removed.

Remarks: Slightly irritating to respiratory system.

SECTION 12. ECOLOGICAL INFORMATION

Basis for assessment	 Ecotoxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the ecotoxicology of similar products.
	Unless indicated otherwise, the data presented is representa- tive of the product as a whole, rather than for individual com- ponent(s).(LL/EL/IL50 expressed as the nominal amount of product required to prepare aqueous test extract).

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Ecotoxicity			
Product:			
Toxicity to fish (Acute toxici-	:		
ty)		Remarks: Expected to be practically	non toxic:
		LL/EL/IL50 > 100 mg/l	
Toxicity to daphnia and other	:		
aquatic invertebrates (Acute		Remarks: Expected to be practically	non toxic:
toxicity)		LL/EL/IL50 > 100 mg/l	
Toxicity to algae (Acute tox-	:		
icity)		Remarks: Expected to be practically	non toxic:
		LL/EL/IL50 > 100 mg/l	
Toxicity to fish (Chronic tox-	:	Remarks: Data not available	
icity)			
Toxicity to daphnia and other	:	Remarks: Data not available	
aquatic invertebrates (Chron-			
ic toxicity)			
Toxicity to bacteria (Acute	:	Remarks: Data not available	
toxicity)			
Develotorio and de svedebili			
Persistence and degradabilit	IJ		
Product:			
Biodegradability	:	Remarks: Expected to be not readily	
		Major constituents are expected to be ble, but contains components that m	
		ment.	
Bioaccumulative potential			
-			
Product:		Remarks: Contains components with	h the notential to bioac-
Bioaccumulative potential <u>Product:</u> Bioaccumulation	:	Remarks: Contains components witl cumulate.	h the potential to bioac-
Product:	:		h the potential to bioac-
Product:	:		h the potential to bioac-
Product: Bioaccumulation	:		h the potential to bioac-
Product: Bioaccumulation Mobility in soil	:	cumulate. Remarks: Semi-solid under most en	vironmental conditions.
Product: Bioaccumulation Mobility in soil Product:	:	cumulate. Remarks: Semi-solid under most en If it enters soil, it will adsorb to soil p	vironmental conditions.
Product: Bioaccumulation Mobility in soil Product:	:	cumulate. Remarks: Semi-solid under most en	vironmental conditions.
Product: Bioaccumulation Mobility in soil Product:	:	cumulate. Remarks: Semi-solid under most en If it enters soil, it will adsorb to soil p	vironmental conditions.
Product: Bioaccumulation Mobility in soil <u>Product:</u> Mobility	:	cumulate. Remarks: Semi-solid under most en If it enters soil, it will adsorb to soil p mobile.	vironmental conditions.
Product: Bioaccumulation Mobility in soil Product: Mobility Other adverse effects	: :	cumulate. Remarks: Semi-solid under most en If it enters soil, it will adsorb to soil p mobile.	vironmental conditions.
Product: Bioaccumulation Mobility in soil Product: Mobility Other adverse effects no data available	:	cumulate. Remarks: Semi-solid under most en If it enters soil, it will adsorb to soil p mobile.	vironmental conditions.
Product: Bioaccumulation Mobility in soil Product: Mobility Other adverse effects no data available Product:	:	cumulate. Remarks: Semi-solid under most en If it enters soil, it will adsorb to soil p mobile. Remarks: Floats on water.	vironmental conditions. articles and will not be
Product: Bioaccumulation Mobility in soil Product: Mobility Other adverse effects no data available	:	cumulate. Remarks: Semi-solid under most en If it enters soil, it will adsorb to soil p mobile.	vironmental conditions articles and will not be

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	Not expected to have ozone deple cal ozone creation potential or glo	• • •
	Poorly soluble mixture. May cause physical fouling of aqu	uatic organisms.
	Mineral oil is not expected to cause aquatic organisms at concentratic	,
SECTION 13. DISPOSAL CONSIDERATIONS		

Disposal methods	
Waste from residues	 Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations. Do not dispose into the environment, in drains or in water courses
Contaminated packaging	: Dispose in accordance with prevailing regulations, preferably to a recognized collector or contractor. The competence of the collector or contractor should be established beforehand. Disposal should be in accordance with applicable regional, national, and local laws and regulations.
Local legislation Remarks	 Disposal should be in accordance with applicable regional, national, and local laws and regulations.

SECTION 14. TRANSPORT INFORMATION

National Regulations

US Department of Transportation Classification (49 CFR Parts 171-180)

Not regulated as a dangerous good

International Regulation

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Pollution category	: Not applicable
Ship type	: Not applicable
Product name	: Not applicable
Special precautions	: Not applicable

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Special precautions for user		
Remarks	: Special Precautions: Refer to Chapter 7, Handling & Storage, for special precautions which a user needs to be aware of or needs to comply with in connection with transport.	
Additional Information	: MARPOL Annex 1 rules apply f	or bulk shipments by sea.

SECTION 15. REGULATORY INFORMATION

OSHA Hazards	: No OSHA Hazards
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EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ., Shell classifies this material as an "oil" under the CERCLA Petroleum Exclusion, therefore releases to the environment are not reportable under CERCLA.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards	No SARA Hazards
SARA 302	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313	The following components are subject to reporting levels es- tablished by SARA Title III, Section 313:
	Zinc dialkyldithiophosphate 68649-42-3 1.932 %

Clean Water Act

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

New Jersey Right To Know		
Zinc dialkyldit	hiophosphate	68649-42-3
California Prop 65		ain any chemicals known to State er, birth defects, or any other re-
The components of this proc	luct are reported in the follow	ing inventories:
EINECS	: All components listed or po	ymer exempt.
TSCA	: All components listed.	
DSL	: All components listed.	

SECTION 16. OTHER INFORMATION

Further information

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NFPA Rating (Healt tivity)	h, Fire, Reac- 0, 1, 0	
A vertical bar () in the Abbreviations and A	ne left margin indicates an amendment from th cronyms : The standard abbreviations and ment can be looked up in refere dictionaries) and/or websites.	acronyms used in this docu-
	ACGIH = American Conference	of Covernmental Industrial
	Hygienists	or Governmental moustnar
	ADR = European Agreement co	
	Carriage of Dangerous Goods b	
	AICS = Australian Inventory of C	
	ASTM = American Society for T	
	BEL = Biological exposure limits	
	BTEX = Benzene, Toluene, Eth CAS = Chemical Abstracts Serv	
	CEFIC = European Chemical In	
	CLP = Classification Packaging	
	COC = Cleveland Open-Cup	
	DIN = Deutsches Institut fur Nor	mung
	DMEL = Derived Minimal Effect	
	DNEL = Derived No Effect Leve	1
	DSL = Canada Domestic Substa	ance List
	EC = European Commission	
	EC50 = Effective Concentration	
	ECETOC = European Center or	n Ecotoxicology and Toxicolo
	gy Of Chemicals	
	ECHA = European Chemicals A	
	EINECS = The European Invent Chemical Substances	lory of Existing Commercial
	EL50 = Effective Loading fifty	
	ENCS = Japanese Existing and	New Chemical Substances
	Inventory	
	EWC = European Waste Code	
	GHS = Globally Harmonised Sy	stem of Classification and
	Labelling of Chemicals	
	IARC = International Agency for	
	IATA = International Air Transpo	
	IC50 = Inhibitory Concentration	fifty
	IL50 = Inhibitory Level fifty	Dangaraya Caada
	IMDG = International Maritime I INV = Chinese Chemicals Inven	
	IP346 = Institute of Petroleum	
	determination of polycyclic aron	
	KECI = Korea Existing Chemica	
	LC50 = Lethal Concentration fift	
	LD50 = Lethal Dose fifty per cer	
	LL/EL/IL = Lethal Loading/Effec	
	LL50 = Lethal Loading fifty	-
	MARPOL = International Conve	ntion for the Prevention of
	Pollution From Ships	
	NOEC/NOEL = No Observed Ef	ttect Concentration / No Ob-
	served Effect Level	une Llink Dreduction Maker
	OE_HPV = Occupational Expos	ure - High Production Volum

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	PBT = Persistent, Bioaccumulat PICCS = Philippine Inventory of Substances PNEC = Predicted No Effect Co REACH = Registration Evaluatio Chemicals RID = Regulations Relating to In gerous Goods by Rail SKIN_DES = Skin Designation STEL = Short term exposure lim TRA = Targeted Risk Assessme TSCA = US Toxic Substances O TWA = Time-Weighted Average vPvB = very Persistent and very	Chemicals and Chemical ncentration on And Authorisation Of nternational Carriage of Dan- nit ent Control Act
Revision Date	: 02/29/2016	

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.