According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Version 2.0	Revision Date: 05/26/2015	Print Date: 05/27/2015
SECTION 1. IDENTIFICATION		
Product name	: Pennzoil Platinum ATF+4	
Product code	: 001F1403	
Manufacturer or supplier	's details	
Manufacturer/Supplier	: Shell Oil Products US P.O. Box 4427 Houston TX 77210-4427 USA	
SDS Request Customer Service	: (+1) 877-276-7285 :	
Emergency telephone nu	mber	
Spill Information	: 877-504-9351	
Health Information	: 877-242-7400	
Recommended use of the	e chemical and restrictions on use	
Recommended use	: Transmission oil.	

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification Chronic aquatic toxicity	: Category 3
GHS Label element Hazard pictograms	: No symbol
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: H412 Harmful to aquatic life with long lasting effects.
Precautionary statements	 Prevention: P273 Avoid release to the environment. Response: No precautionary phrases. Storage: No precautionary phrases. Disposal: P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards which do not result in classification

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Version 2.0 Revision Date: 05/26/2015 Print Date: 05/27/2015

Prolonged or repeated skin contact without proper cleaning can clog the pores of the skin resulting in disorders such as oil acne/folliculitis. Used oil may contain harmful impurities. Not classified as flammable but will burn.

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

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Highly refined mineral oils and additives. The highly refined mineral oil contains <3% (w/w) DMSOextract, according to IP346.

Hazardous components

Chemical Name	Synonyms	CAS-No.	Concentration (%)
Distillates (petroleum), hydrotreated light paraffin- ic	Distillates (petro- leum), hydrotreated light paraffinic	64742-55-8	50 - 60
Substituted hydrocarbyl sulphide		67124-09-8	0.25 - 2.5
Calcium alkaryl sulphonate		75975-85-8	0.1 - 0.9
Borated ester		Not Assigned	0.1 - 0.9

SECTION 4. FIRST-AID MEASURES

General advice	:	Not expected to be a health hazard when used under normal conditions.
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.
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 formation of black pustules and spots on the skin of exposed areas. Ingestion may result in nausea, vomiting and/or diarrhoea.
Protection of first-aiders	:	When administering first aid, ensure that you are wearing the appropriate personal protective equipment according to the incident, injury and surroundings.
Immediate medical attention, special treatment	:	Treat symptomatically.

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Version 2.0Revision Date: 05/26/2015Print Date: 05/27/2015

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	Foam, water spray or fog. Dry chemical powder, carbon dio- xide, 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 me- thods	:	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 rivers by using sand, earth, or other appropriate barriers. Local authorities should be advised if significant spillages
		cannot be contained.
Methods and materials for containment and cleaning up	:	Slippery when spilt. Avoid accidents, clean up immediately. Prevent from spreading by making a barrier with sand, earth or other containment material. Reclaim liquid directly or in an absorbent. Soak up residue with an absorbent such as clay, sand or other suitable material and dispose of properly.
Additional advice	:	For guidance on selection of personal protective equipment see Chapter 8 of this Safety Data Sheet. For guidance on disposal of spilled material see Chapter 13 of this Safety Data Sheet.

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Version 2.0	Revision Date: 05/26/2015	Print Date: 05/27/2015

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.
Product Transfer	:	This material has the potential to be a static accumulator. Proper grounding and bonding procedures should be used during all bulk transfer operations.
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	Control parame- ters / Permissible	Basis
		exposure)	concentration	
Oil mist, mineral	Not Assigned	TWA ((inhal- able frac- tion))	5 mg/m3	US. ACGIH Threshold Limit Values
		(Mist)	5 mg/m3	OSHA_TRA NS

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

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

	D	
rsion 2.0	Revision Date: 05/26/2015	Print Date: 05/27/201
trols. For some substance Validated exposure meas ples analysed by an accre Examples of sources of re tact the supplier. Further National Institute of Occu http://www.cdc.gov/niosh/ Occupational Safety and http://www.osha.gov/ Health and Safety Execut http://www.hse.gov.uk/ Institut für Arbeitsschutz I http://www.dguv.de/inhalt	ecommended exposure measurement me national methods may be available. pational Safety and Health (NIOSH), US/ Health Administration (OSHA), USA: Sar ive (HSE), UK: Methods for the Determin Deutschen Gesetzlichen Unfallversicheru	ropriate. a competent person and sam- ethods are given below or con- A: Manual of Analytical Methods npling and Analytical Methods nation of Hazardous Substance ng (IFA), Germany
Engineering measures	: The level of protection and type	-
	vary depending upon potential e controls based on a risk assess Appropriate measures include: Adequate ventilation to control a	exposure conditions. Select ment of local circumstances.
	Where material is heated, spray greater potential for airborne co	
	General Information: Define procedures for safe hand controls. Educate and train workers in the ures relevant to normal activities Ensure appropriate selection, te equipment used to control expo equipment, local exhaust ventila Drain down system prior to equi ance.	e hazards and control meas- s associated with this product. esting and maintenance of sure, e.g. personal protective ation.
	Retain drain downs in sealed st subsequent recycle. Always observe good personal washing hands after handling th drinking, and/or smoking. Routi protective equipment to remove taminated clothing and footwear Practice good housekeeping.	hygiene measures, such as ne material and before eating, inely wash work clothing and contaminants. Discard con-
Personal protective equ	ipment	
Respiratory protection	: No respiratory protection is ordi conditions of use. In accordance with good industri tions should be taken to avoid b If engineering controls do not m tions to a level which is adequat select respiratory protection equ cific conditions of use and meet Check with respiratory protectiv Where air-filtering respirators ar	rial hygiene practices, precau- preathing of material. aintain airborne concentra- te to protect worker health, upment suitable for the spe- ing relevant legislation. e equipment suppliers.

Where air-filtering respirators are suitable, select an appro-

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

sion 2.0	Revision Date: 05/26/2015	Print Date: 05/27/2	
	priate combination of mask an Select a filter suitable for the c and vapours [Type A/Type P I	combination of organic gases	
Hand protection			
Remarks	gloves approved to relevant st US: F739) made from the follo suitable chemical protection. F gloves Suitability and durability usage, e.g. frequency and dura sistance of glove material, dex glove suppliers. Contaminated Personal hygiene is a key eler Gloves must only be worn on of gloves, hands should be wash cation of a non-perfumed mois For continuous contact we rec through time of more than 240 480 minutes where suitable gloves may not be available and in th time maybe acceptable so long and replacement regimes are a good predictor of glove resis dependent on the exact compo Glove thickness should be typ	: Where hand contact with the product may occur the use of gloves approved to relevant standards (e.g. Europe: EN374, US: F739) made from the following materials may provide suitable chemical protection. PVC, neoprene or nitrile rubber gloves Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Personal hygiene is a key element of effective hand care. Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly. Application of a non-perfumed moisturizer is recommended. For continuous contact we recommend gloves with break-through time of more than 240 minutes with preference for > 480 minutes where suitable gloves can be identified. For short-term/splash protection we recommend the same, but recognize that suitable gloves offering this level of protection may not be available and in this case a lower breakthrough time maybe acceptable so long as appropriate maintenance and replacement regimes are followed. Glove thickness is no a good predictor of glove resistance to a chemical as it is dependent on the exact composition of the glove material. Glove thickness should be typically greater than 0.35 mm depending on the glove make and model.	
Eye protection	: If material is handled such that protective eyewear is recomm		
Skin and body protection	: Skin protection is not ordinarily work clothes.		
	It is good practice to wear che	mical resistant gloves.	
Protective measures	: Personal protective equipment mended national standards. C	· · · ·	
Environmental exposure of	controls		
General advice	: Take appropriate measures to vant environmental protection of the environment by following necessary, prevent undissolve charged to waste water. Waste municipal or industrial waste w discharge to surface water. Local guidelines on emission li must be observed for the disch vapour.	legislation. Avoid contaminat g advice given in Chapter 6. ed material from being dis- e water should be treated in a vater treatment plant before imits for volatile substances	

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

: Liquid at room temperature.

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

lorgion 2.0	Devision Date: 05/00/0045	Drint Date: 05/07/0045
/ersion 2.0	Revision Date: 05/26/2015	Print Date: 05/27/2015
Colour	: red	
Odour	: Slight hydrocarbon	
Odour Threshold	: Data not available	
рН	: Not applicable	
pour point	: -48 °C / -54 °FMethod: ASTM D97	
Initial boiling point and boiling range	: > 280 °C / 536 °Festimated value(s)
Flash point	: 184 °C / 363 °F Method: ASTM D92	
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	: 0.875 (15 °C / 59 °F)	
Density	: 875 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- octanol/water	: Pow: > 6(based on information on s	imilar products)
Auto-ignition temperature	: > 320 °C / 608 °F	
Viscosity Viscosity, dynamic	: Data not available	
Viscosity, kinematic	: 35.13 mm2/s (40.0 °C / 104.0 °F) Method: ASTM D445	

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Version 2.0	Revision Date: 05/26/2015 Print					
	7.71 mm2/s (100 °C / 212 °F) Method: ASTM D445					
Conductivity	: This material is not expected to b	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 ar the toxicology of similar products.Unless indicated otherw 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

Pr	odu	ct:
-		

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

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Version 2.0

Revision Date: 05/26/2015

Print Date: 05/27/2015

Serious eye damage/eye irritation

Product:

Remarks: Expected to be slightly irritating.

Respiratory or skin sensitisation

Product:

Remarks: Not expected to be a skin sensitiser.

Components:

Substituted hydrocarbyl sulphide:

Remarks: Experimental data has shown that the concentration of potentially sensitising components present in this product does not induce skin sensitisation. May cause an allergic skin reaction in sensitive individuals.

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).

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.
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.
No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

:

Product:

Remarks: Not expected to impair fertility., Not expected to be

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Version 2.0

Revision Date: 05/26/2015

Print Date: 05/27/2015

a developmental toxicant.

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

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 compone and the ecotoxicology of similar products. Unless indicated otherwise, the data presented is represen 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).	ents ta- n-
Ecotoxicity		
Product:		
Toxicity to fish (Acute toxic- ity)	Remarks: Expected to be harmful: LL/EL/IL50 10-100 mg/l	
Toxicity to daphnia and other aquatic invertebrates (Acute toxicity)	Remarks: Expected to be harmful: LL/EL/IL50 10-100 mg/l	
Toxicity to algae (Acute toxic- ity)	Remarks: Expected to be harmful: LL/EL/IL50 10-100 mg/l	

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

sion 2.0	R	evision Date: 05/26/2015	Print Date: 05/27/20
Toxicity to fish (Chronic toxic- ity)	:	Remarks: Data not available	
Toxicity to daphnia and other aquatic invertebrates (Chron- ic toxicity)	:	Remarks: Data not available	
Toxicity to bacteria (Acute toxicity)	:	Remarks: Data not available	
Components:			
Substituted hydrocarbyl sul M-Factor (Acute aquatic tox- icity)			
Persistence and degradabili	ty		
Product:			
Biodegradability	:	Remarks: Expected to be not rea Major constituents are expected ble, but contains components the ment.	to be inherently biodegrada
Bioaccumulative potential			
Product:			
Bioaccumulation	:	Remarks: Contains components cumulate.	with the potential to bioac-
Mobility in soil			
Product:			
Mobility	:	Remarks: Liquid under most env If it enters soil, it will adsorb to so mobile.	
		Remarks: Floats on water.	
Other adverse effects no data available			
Product:			
Additional ecological informa- tion	:	Product is a mixture of non-volat expected to be released to air in Not expected to have ozone dep cal ozone creation potential or g	any significant quantities. letion potential, photochem
		Poorly soluble mixture. May cause physical fouling of ac	quatic organisms.
		Mineral oil is not expected to cau aquatic organisms at concentration	

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Print Date: 05/27/2015

Version 2.0

Revision Date: 05/26/2015

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods Waste from residues	: Waste product should not be allowed to contaminate soil or ground water, or be disposed of into the environment. Waste, spills or used product is dangerous waste.
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

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 for bulk shipments by sea.

SECTION 15. REGULATORY INFORMATION

OSHA Hazards

: No OSHA Hazards

EPCRA - Emergency Planning and Community Right-to-Know Act

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Version 2.0

Revision Date: 05/26/2015

Print Date: 05/27/2015

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ	Calculated product RQ
		(lbs)	(lbs)
Xylene, Mixed Isomers	1330-20-7	100	*

*: Calculated RQ exceeds reasonably attainable upper limit.

CERCLA Reportable Quantity

Calculated RQ exceeds reasonably attainable upper limit., Shell classifies this material as an "oil" under the CERCLA Petroleum Exclusion, therefore releases to the environment are not reportable under CERCLA., The components with RQs are given for information.

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	:	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Water Act

The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

Xylene, mixed isomers	1330-20-7	0.0068 %
-----------------------	-----------	----------

Pennsylvania Right To Know

Sylvania Right To Rhow	
Distillates (petroleum), hydrotreated light paraffinic	64742-55-8
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7
diphenylamine	122-39-4

California Prop 65	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other re- productive harm.		
The components of this product are reported in the following inventories:			

EINECS	:	All components listed or polymer exempt.
TSCA	:	All components listed.
DSL	:	All components listed.

SECTION 16. OTHER INFORMATION

Further information

NFPA Rating (Health, Fire, Reac- 0, 1, 0 tivity)

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Version 2.0	Revision Date: 05/26/2015	Print Date: 05/27/2015
significant change to the natur	product to GHS classification and la re of the information presented in c rgin indicates an amendment from : The standard abbreviations ar ment can be looked up in refe dictionaries) and/or websites.	chapter 2. the previous version. nd acronyms used in this docu-
	dictionaries) and/or websites. ACGIH = American Conference Hygienists ADR = European Agreement of Carriage of Dangerous Goods AICS = Australian Inventory of ASTM = American Society for BEL = Biological exposure lim BTEX = Benzene, Toluene, E CAS = Chemical Abstracts Se CEFIC = European Chemical CLP = Classification Packagin COC = Cleveland Open-Cup DIN = Deutsches Institut fur N DMEL = Derived No Effect Lev DSL = Canada Domestic Subs EC = European Commission EC50 = Effective Concentration	ce of Governmental Industrial concerning the International s by Road f Chemical Substances Testing and Materials its Thylbenzene, Xylenes ervice Industry Council ng and Labelling lormung ct Level vel stance List on fifty on Ecotoxicology and Toxicolo- s Agency entory of Existing Commercial and New Chemical Substances e System of Classification and for Research on Cancer sport Association on fifty e Dangerous Goods entory n test method N° 346 for the omatics DMSO-extractables
	LC50 = Lethal Concentration f LD50 = Lethal Dose fifty per c LL/EL/IL = Lethal Loading/Effe LL50 = Lethal Loading fifty MARPOL = International Conv Pollution From Ships NOEC/NOEL = No Observed served Effect Level	fifty cent. ective Loading/Inhibitory loading vention for the Prevention of Effect Concentration / No Ob-
	OE_HPV = Occupational Expo PBT = Persistent, Bioaccumul PICCS = Philippine Inventory	

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Version 2.0	Revision Date: 05/26/2015	Print Date: 05/27/2015
	Substances PNEC = Predicted No Effect Con REACH = Registration Evaluation Chemicals RID = Regulations Relating to Int gerous Goods by Rail SKIN_DES = Skin Designation STEL = Short term exposure limit TRA = Targeted Risk Assessmer TSCA = US Toxic Substances Co TWA = Time-Weighted Average vPvB = very Persistent and very	n And Authorisation Of ernational Carriage of Dan- t nt ontrol Act
Revision Date	: 05/26/2015	

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.