

# SAFETY DATA SHEET

Classified as hazardous

The content and format of this SDS is in accordance with HSNO Approved Code of Practice (No. HSNO CoP 8-1 09-06): Preparation of Safety Data Sheets.

## Shell Tellus S4 VX 32

Version 2.4

Revision Date 24.04.2018

Print Date 25.04.2018

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Shell Tellus S4 VX 32

Product code : 001D7769

#### Manufacturer or supplier's details

Supplier : Tyreline Distributors Limited  
(NZBN – 9429039316608)  
87 Kahikatea Drive,  
Hamilton 3206,  
New Zealand

Telephone : 0800 673 375

Telefax : +64 7 843 3582

Emergency telephone number : 0800 734 607 (ALL HOURS)

#### Recommended use of the chemical and restrictions on use

Recommended use : Hydraulic oil

### SECTION 2. HAZARDS IDENTIFICATION

HAZARDOUS SUBSTANCE. DANGEROUS GOODS.

Classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001., Classified as Dangerous Goods for transport, according to NZS 5433:2012 Transport of Dangerous Goods on Land.

#### Hazard classification

Hazardous Substances Classification : 6.1D, 6.3A, 9.1B

#### GHS Classification

Acute toxicity (Inhalation) : Acute Tox.4

Skin irritation : Skin Irrit.2

Chronic aquatic toxicity : Aquatic Chronic2

Acute toxicity (Dermal) : Acute Tox.5

#### GHS label elements

Hazard pictograms :



Signal word : Warning

Hazard statements : PHYSICAL HAZARDS:  
Not classified as a physical hazard under GHS criteria.  
HEALTH HAZARDS:  
H332 Harmful if inhaled.

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H315 Causes skin irritation.  
H313 May be harmful in contact with skin.  
ENVIRONMENTAL HAZARDS:  
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements :

**Prevention:**

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

**Response:**

P312 Call a POISON CENTER/doctor if you feel unwell.  
P332 + P313 If skin irritation occurs: Get medical advice/ attention.

**Storage:**

No precautionary phrases.

**Disposal:**

P501 Dispose of contents/ container to an approved waste disposal plant.

Hazardous components which must be listed on the label:  
Contains Gas oils (petroleum), hydrodesulphurised.

**Other hazards which do not result in classification**

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

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

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

**Hazardous components**

Chemical name	CAS-No.	Classification	Concentration [%]
Gas oils (petroleum), hydrodesulfurized	64742-79-6	Asp. Tox.1; H304 Acute Tox.4; H332 Skin Irrit.2; H315 Aquatic Chronic2; H411	60 - 80
Butylated hydroxytoluene	128-37-0	Aquatic Chronic1; H410 Aquatic Acute1; H400	0.1 - 0.24

For explanation of abbreviations see section 16.

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### SECTION 4. FIRST-AID MEASURES

- If inhaled : Call emergency number for your location / facility.
- Remove to fresh air. Do not attempt to rescue the victim unless proper respiratory protection is worn. If the victim has difficulty breathing or tightness of the chest, is dizzy, vomiting, or unresponsive, give 100% oxygen with rescue breathing or Cardio-Pulmonary Resuscitation as required and transport to the nearest medical facility.
- In case of skin contact : Remove contaminated clothing. Immediately flush skin with large amounts of water for at least 15 minutes, and follow by washing with soap and water if available. If redness, swelling, pain and/or blisters occur, transport to the nearest medical facility for additional treatment.
- 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 wait for symptoms to develop.  
Obtain medical attention even in the absence of apparent wounds.
- In case of eye contact : Flush eye with copious quantities of water. Remove contact lenses, if present and easy to do. Continue rinsing.  
If persistent irritation occurs, obtain medical attention.
- If swallowed : Call emergency number for your location / facility.  
If swallowed, do not induce vomiting: transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. If any of the following delayed signs and symptoms appear within the next 6 hours, transport to the nearest medical facility: fever greater than 101° F (38.3°C), shortness of breath, chest congestion or continued coughing or wheezing.
- Most important symptoms and effects, both acute and delayed : If material enters lungs, signs and symptoms may include coughing, choking, wheezing, difficulty in breathing, chest congestion, shortness of breath, and/or fever.  
The onset of respiratory symptoms may be delayed for several hours after exposure.  
Skin irritation signs and symptoms may include a burning sensation, redness, swelling, and/or blisters.  
Defatting dermatitis signs and symptoms may include a burning sensation and/or a dried/cracked appearance.  
Ingestion may result in nausea, vomiting and/or diarrhoea.
- Local necrosis is evidenced by delayed onset of pain and tissue damage a few hours following injection.



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emergency procedures

Environmental precautions

: Use appropriate containment to avoid environmental contamination. 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.

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## SECTION 7. HANDLING AND STORAGE

General Precautions

: 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.

Advice on 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 materials 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. Must be stored in a diked (bunded) area.

Store at ambient temperature.

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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 temperatures 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 parameters / Permissible concentration	Basis
Oil mist, mineral	Not Assigned	WES-TWA (Mist)	5 mg/m <sup>3</sup>	NZ OEL
	Further information: Sampled by a method that does not collect vapour.			
Oil mist, mineral	Not Assigned	WES-STEL (Mist)	10 mg/m <sup>3</sup>	NZ OEL
Oil mist, mineral	Not Assigned	TWA (Mist)	5 mg/m <sup>3</sup>	OSHA Z-1
Oil mist, mineral	Not Assigned	TWA (Inhalable fraction)	5 mg/m <sup>3</sup>	ACGIH
Butylated hydroxytoluene	128-37-0	WES-TWA	10 mg/m <sup>3</sup>	NZ OEL
Butylated hydroxytoluene	128-37-0	TWA (Inhalable fraction and vapor)	2 mg/m <sup>3</sup>	ACGIH

#### 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/>

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

L'Institut National de Recherche et de Sécurité, (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.

### Personal protective equipment

#### Protective measures

Personal protective equipment (PPE) should meet recommended national standards. Check with PPE suppliers.

#### Respiratory protection

: No respiratory protection is ordinarily required under normal conditions of use.  
In accordance with good industrial hygiene practices, precautions should be taken to avoid breathing of material. If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, select respiratory protection equipment suitable for the specific conditions of use and meeting relevant legislation. Check with respiratory protective equipment suppliers. Where air-filtering respirators are suitable, select an appropriate combination of mask and filter. Select a filter suitable for the combination of organic gases and vapours [Type A/Type P boiling point >65°C (149°F)].

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Hand protection  
Remarks

: 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 breakthrough 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 not 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 it could be splashed into eyes, protective eyewear is recommended.

Skin and body protection

: Wear chemical resistant gloves/gauntlets and boots. Where risk of splashing, also wear an apron.

Thermal hazards

: Not applicable

### Environmental exposure controls

General advice

: Take appropriate measures to fulfill the requirements of relevant environmental protection legislation. Avoid contamination of the environment by following advice given in Chapter 6. If necessary, prevent undissolved material from being discharged to waste water. Waste water should be treated in a municipal or industrial waste water treatment plant before discharge to surface water. Local guidelines on emission limits for volatile substances must be observed for the discharge of exhaust air containing vapour.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES



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Appearance	: Liquid at room temperature.	
Colour	: colourless	
Odour	: Slight hydrocarbon	
Odour Threshold	: Data not available	
pH	: Not applicable	
pour point	: -60 °C / -76 °F Method: ISO 3016	
Initial boiling point and boiling range	: > 280 °C / 536 °F estimated value(s)	
Flash point	: >= 100 °C / 212 °F Method: ISO 2592	
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	: > 1 estimated value(s)	
Relative density	: 0.880 (15 °C / 59 °F)	
Density	: 880 kg/m <sup>3</sup> (15.0 °C / 59.0 °F) Method: ISO 12185	
Solubility(ies)		
Water solubility	: negligible	
Solubility in other solvents	: Data not available	
Partition coefficient: n-octanol/water	: Pow: > 6 (based on information on similar products)	
Auto-ignition temperature	: > 320 °C / 608 °F	
Decomposition temperature	: Data not available	
Viscosity		
Viscosity, dynamic	: Data not available	
Viscosity, kinematic	: 33.8 mm <sup>2</sup> /s (40.0 °C / 104.0 °F) Method: ASTM D445	

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9.93 mm<sup>2</sup>/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.

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### SECTION 10. STABILITY AND REACTIVITY

- Reactivity : The product does not pose any further reactivity hazards in addition to those listed in the following sub-paragraph.
- Chemical stability : Stable.
- Possibility of hazardous reactions : Reacts with strong oxidising agents.
- Conditions to avoid : Extremes of temperature and direct sunlight.
- Incompatible materials : Strong oxidising agents.
- Hazardous decomposition products : No decomposition if stored and applied as directed.

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### 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  
Remarks: Low toxicity:  
Based on available data, the classification criteria are not met.
- Acute inhalation toxicity : LC 50 Rat: > 1 - < 5 mg/l  
Exposure time: 4 h  
Remarks: Harmful if inhaled.
- Acute dermal toxicity : LD 50 Rabbit: > 2,000 - < 5,000 mg/kg

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Remarks: May be harmful in contact with skin.

### Skin corrosion/irritation

**Product:**

Remarks: Causes skin irritation.

### Serious eye damage/eye irritation

**Product:**

Remarks: Slightly irritating to the eye., Based on available data, the classification criteria are not met.

### Respiratory or skin sensitisation

**Product:**

Remarks: Not a skin sensitiser.  
Based on available data, the classification criteria are not met.

### Chronic toxicity

#### Germ cell mutagenicity

**Product:**

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

#### Carcinogenicity

**Product:**

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

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

Material	GHS/CLP Carcinogenicity Classification
Highly refined mineral oil	No carcinogenicity classification.

### Reproductive toxicity

**Product:**

: Remarks: Not a developmental toxicant., Does not impair fertility., Based on available data, the classification criteria are not met.

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### STOT - single exposure

**Product:**

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

### STOT - repeated exposure

**Product:**

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

### Aspiration toxicity

**Product:**

Not 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: 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.

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## 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 representative of the product as a whole, rather than for individual component(s). (LL/EL/IL50 expressed as the nominal amount of product required to prepare aqueous test extract).

### Ecotoxicity

**Product:**

Toxicity to fish (Acute toxicity)

: Remarks: LL/EL/IL50 > 1 <= 10 mg/l  
Toxic

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Toxicity to crustacean (Acute toxicity) :  
Remarks: LL/EL/IL50 > 1 <= 10 mg/l  
Toxic

Toxicity to algae/aquatic plants (Acute toxicity) :  
Remarks: LL/EL/IL50 > 1 <= 10 mg/l  
Toxic

Toxicity to fish (Chronic toxicity) : Remarks: Data not available

Toxicity to crustacean (Chronic toxicity) : Remarks: Data not available

Toxicity to microorganisms (Acute toxicity) : Remarks: Data not available

### Components:

#### Butylated hydroxytoluene :

M-Factor : 1

### **Persistence and degradability**

#### Product:

Biodegradability : Remarks: Not readily biodegradable., Major constituents are inherently biodegradable, but contains components that may persist in the environment.

### **Bioaccumulative potential**

#### Product:

Bioaccumulation : Remarks: Contains constituents with the potential to bioaccumulate.

Partition coefficient: n-octanol/water : Pow: > 6Remarks: (based on information on similar products)

### **Mobility in soil**

#### Product:

Mobility : Remarks: Liquid under most environmental conditions., If it enters soil, it will adsorb to soil particles and will not be mobile.  
Remarks: Floats on water.

### **Other adverse effects**

no data available

#### Product:

Additional ecological information : Does not have ozone depletion potential, photochemical ozone creation potential or global warming potential., Product is a mixture of non-volatile components, which will not be released to air in any significant quantities under normal conditions of use.  
Poorly soluble mixture., Causes physical fouling of aquatic organisms.  
Mineral oil does not cause chronic toxicity to aquatic

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organisms at concentrations less than 1 mg/l.

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### 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  
  
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 the New Zealand Hazardous Substances Disposal Regulations 2001. Treat the substance using a method that changes the characteristics or composition of the substance so that the substance is no longer a hazardous substance.

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### SECTION 14. TRANSPORT INFORMATION

#### Land Transport Rule: Dangerous Goods 2012 - NZS 5433

- UN number : 3082  
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(Gas oils, (petroleum), hydrodesulphurised)  
Class : 9  
Packing group : III  
Labels : 9

#### International Regulations

- IATA-DGR**  
UN/ID No. : UN 3082  
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

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	N.O.S. (Gas oils, (petroleum), hydrodesulphurised)
Class	: 9
Packing group	: III
Labels	: 9
<b>IMDG-Code</b>	
UN number	: UN 3082
Proper shipping name	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Gas oils, (petroleum), hydrodesulphurised)
Class	: 9
Packing group	: III
Labels	: 9
Marine pollutant	: yes

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

Not applicable for product as supplied. MARPOL Annex 1 rules apply for bulk shipments by sea.

### 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.
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## SECTION 15. REGULATORY INFORMATION

### Safety, health and environmental regulations/legislation specific for the substance or mixture

R-phrases(s)	: R20 R38 R51/53	Harmful by inhalation. Irritating to skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S-phrases(s)	: S23 S24 S37 S61 S62	Do not breathe gas/fumes/vapour/spray. Avoid contact with skin. Wear suitable gloves. Avoid release to the environment. Refer to special instructions/ Safety data sheets. If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

### HSNO Approval Number

HSR002606

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New Zealand Workplace Exposure Limits 2002 (WES). New Zealand Standard 5433:2012 Transport of Dangerous Goods on Land.

### Other international regulations

**The components of this product are reported in the following inventories:**

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

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## SECTION 16. OTHER INFORMATION

### Full text of H-Statements

H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H332 Harmful if inhaled.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H411 Toxic to aquatic life with long lasting effects.

### Full text of other abbreviations

Acute Tox. Acute toxicity  
Aquatic Acute Acute aquatic toxicity  
Aquatic Chronic Chronic aquatic toxicity  
Asp. Tox. Aspiration hazard  
Skin Irrit. Skin irritation

AICS - Australian Inventory of Chemical Substances; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; CPR - Controlled Products Regulations; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TSCA - Toxic



# SAFETY DATA SHEET

Classified as hazardous

The content and format of this SDS is in accordance with HSNO Approved Code of Practice (No. HSNO CoP 8-1 09-06): Preparation of Safety Data Sheets.

## Shell Tellus S4 VX 32

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Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

### Further information

Other information : A vertical bar (|) in the left margin indicates an amendment from the previous version.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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