Shell Gadinia S3 40

Version 1.5	Revision Date 01.07.2024	Print Date 02.07.2024			
SECTION 1. PRODUCT AND COMPANY IDENTIFICATION					
Product name :	Shell Gadinia S3 40				
Product code :	001G1523				
Telephone Telefax	Viva Energy Australia Pty Ltd (Formerly: The Shell Company of 7 (ABN 46 004 610 459) 720 Bourke Street Docklands Victoria 3008 Australia : +61 (0)3 8823 4444 : +61 (0)3 8823 4800	Australia)			
Emergency telephone number	: 1800 651 818 (Australia). ; POISONS INFORMATION CENT	ΓRE: 13 11 26 (Australia).			
Recommended use of the che Recommended use :	mical and restrictions on use Engine oil.				
Restrictions on use :	This product must not be used in a listed in Section 1 without first seel supplier.				

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Based on available data this substance / mixture does not meet the classification criteria.

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

:

Shell Gadinia S3 40

 Version 1.5
 Revision Date 01.07.2024
 Print Date 02.07.2024

 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.Used oil may contain harmful impurities.Not classified as flammable but will burn.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture	:	Mixture
Chemical nature		Highly refined mineral oils and additives. The highly refined mineral oil contains <3% (w/w) DMSO- extract, according to IP346. Classification based on DMSO extract content < 3% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note L). * contains one or more of the following CAS-numbers: 64742- 53-6, 64742-54-7, 64742-55-8, 64742-56-9, 64742-65-0,
		53-6, 64742-34-7, 64742-35-8, 64742-35-9, 64742-65-0, 68037-01-4, 72623-86-0, 72623-87-1, 8042-47-5, 848301-69- 9, 68649-12-7, 151006-60-9, 163149-28-8, 64741-88-4, 64741-89-5.

Hazardous components

Chemical name	CAS-No.	Classification	Concentration (% w/w)
Interchangeable low viscosity base oil (<20,5 cSt @40°C) *	Not Assigned	Asp. Tox.1; H304	0 - 90

For explanation of abbreviations see section 16.

SECTION 4. FIRST-AID MEASURES

lf 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

Shell Gadinia S3 40

Version 1.5		Revision Date 01.07.2024	Print Date 02.07.2024			
		water 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. Remove contact lenses, if present and easy to do. Continue rinsing. 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 sympto of black pustules and spots on the s Ingestion may result in nausea, vom	kin of exposed areas.			
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.				
Notes to physician	:	: Treat symptomatically.				
SECTION 5. FIRE-FIGHTING MEASURES						
Suitable extinguishing media	:	Foam, water spray or fog. Dry chem dioxide, sand or earth may be used				
Unsuitable extinguishing media	:	Do not use water in a jet.				

Specific hazards during firefighting	:	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 methods	:	Use extinguishing measures that are appropriate to local circumstances 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).
Hazchem Code	:	NONE

SECTION 6. ACCIDENTAL RELEASE MEASURES

Shell Gadinia S3 40

Version 1.5	Revision Date 01.07.2024	Print Date 02.07.2024
Personal precautions, protective equipment and emergency procedures	: Avoid contact with skin and eyes.	
Environmental precautions	: Use appropriate containment to avoid environmental contamination. Prevent from spreading or entering dra ditches or rivers by using sand, earth, or other appropr barriers.	
	Local authorities should be advised cannot be contained.	I if significant spillages
Methods and materials for containment and cleaning up	 Slippery when spilt. Avoid accidents, clean up immediate Prevent from spreading by making a barrier with sand, easier or other containment material. Reclaim liquid directly or in an absorbent. Soak up residue with an absorbent such as clay, sand of suitable material and dispose of properly. 	
Additional advice	: For guidance on selection of perso see Section 8 of this Safety Data S For guidance on disposal of spilled this Safety Data Sheet.	heet.

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	:	Proper grounding and bonding procedures should be used during all bulk transfer operations to avoid static accumulation.
Storage		
Other data	:	Keep container tightly closed and in a cool, well-ventilated place. Use properly labeled and closable containers. Store at ambient temperature.

Shell Gadinia S3 40

Version 1.5	Revision Date 01.07.2024	Print Date 02.07.2024
Packaging material	: Suitable material: For containers or steel or high density polyethylene. Unsuitable material: PVC.	container linings, use mild
Container Advice	: Polyethylene containers should not temperatures because of possible r	

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Oil mist, mineral	Not Assigned	TWA (Mist)	5 mg/m3	AU OEL
Oil mist, mineral	Not Assigned	TWA (Mist)	5 mg/m3	Australia. Workplace Exposure Standards for Airborne Contaminant s.
Oil mist, mineral	Not Assigned	TWA (Mist)	5 mg/m3	OSHA Z-1
Oil mist, mineral	Not Assigned	TWA (Inhalable particulate matter)	5 mg/m3	ACGIH

Components with workplace control parameters

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

Shell Gadinia S3 40

rsion 1.5	Revision Date 01.07.2024	Print Date 02.07.2024
	vary depending upon potential exp controls based on a risk assessm Appropriate measures include:	posure conditions. Select ent of local circumstances.
	Adequate ventilation to control airborne concentrations.	
	Where material is heated, sprayed greater potential for airborne conc	
	General Information:	
	Define procedures for safe handlin controls.	ng and maintenance of
	Educate and train workers in the h	
	measures relevant to normal activ product.	vities associated with this
	Ensure appropriate selection, test	
	equipment used to control exposu equipment, local exhaust ventilation	
	Drain down system prior to equipr	
	maintenance. Retain drain downs in sealed stor	age pending dispessel or
	subsequent recycle.	age pending disposal of
	Always observe good personal hy washing hands after handling the drinking, and/or smoking. Routine protective equipment to remove c contaminated clothing and footwe Practice good housekeeping.	material and before eating, ely wash work clothing and ontaminants. Discard
Personal protective equipment		
Protective measures		
Personal protective equipment (F	PPE) should meet recommended na	ational standards. Check with

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 and particles [Type A/Type P boiling point >65°C (149°F)].
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

Shell Gadinia S3 40

Version 1.5	Revision Date 01.07.2024 Print Date 02.07.2024
	 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	 Skin protection is not ordinarily required beyond standard work clothes. It is good practice to wear chemical resistant gloves.
Thermal hazards	: Not applicable
Environmental exposure c	ontrols
General advice	 Take appropriate measures to fulfill the requirements of relevant environmental protection legislation. Avoid contamination of the environment by following advice given in Section 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.
ECTION 9. PHYSICAL AND CH	IEMICAL PROPERTIES
Appearance	: liquid
Colour	: amber
Odour	: Data not available
Odour Threshold	: Data not available

Shell Gadinia S3 40

sion 1.5 pH	Revision Date 01.07.2024 : Not applicable	Print Date 02.07.2
pour point	: <= -18 °C / <= -0.40 °F	
	Method: ASTM D97	
Melting / freezing point	Data not available	
Initial boiling point and boiling range	: > 280 °C / 536 °Festimated val	ue(s)
Flash point	: 270 °C / 518 °F Method: ASTM D92 (COC)	
Evaporation rate	: Data not available	
Flammability (solid, gas)	: Not applicable	
Flammability (liquids)	: Not classified as flammable but	t will burn.
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	: >5	
Relative density	: 0.890 (15 °C / 59 °F)	
Density	: 890 kg/m3 (15.0 °C / 59.0 °F) Method: ASTM D4052	
Solubility(ies)		
Water solubility	: negligible	
Solubility in other solvents	: Data not available	
Partition coefficient: n- octanol/water	: log Pow: > 6 (based on information on simila	ar products)
Auto-ignition temperature	: > 320 °C / 608 °F	
Decomposition temperature	: Data not available	
Viscosity		
Viscosity, dynamic	: Data not available	
Viscosity, kinematic	: 13 - 14.4 mm2/s (100 °C / 212 Method: ASTM D445	°F)
	128 mm2/s (40.0 °C / 104.0 °F) Method: ASTM D445)

Shell Gadinia S3 40

Version 1.5	Revision Date 01.07.2024	Print Date 02.07.2024
Particle characteristics Particle size	: Data not available	
Explosive properties	: Classification Code: Not classified	
Oxidizing properties	: Data not available	
Conductivity	: This material is not expected to be a	static accumulator.

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.

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

Shell Gadinia S3 40

Version 1.5	Revision Date 01.07.2024	Print Date 02.07.2024
Acute dermal toxicity	LD50 Rabbit: > 5,000 mg/kg Remarks: Low toxicity Based on available data, the classificat	ion criteria are not met.

Skin corrosion/irritation

Product:

Remarks: Slightly irritating to skin., Prolonged or repeated skin contact without proper cleaning can clog the pores of the skin resulting in disorders such as oil acne/folliculitis., Based on available data, the classification criteria are not met.

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 skinpainting 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:

10/16

Shell Gadinia S3 40

Version 1.5	Revision Date 01.07.2024	Print Date 02.07.2024
	: Remarks: Not a developmental tox fertility., Based on available data, t not met.	· ·

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: Continuous contact with used engine oils has caused skin cancer in animal tests.

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 representative of the product as a whole, rather than for individual component(s).
Ecotoxicity	
Product:	
Toxicity to fish (Acute toxicity)	: Remarks: Based on available data, the classification criteria

Shell Gadinia S3 40

rsion 1.5	Revision Date 01.07.2024	Print Date 02.07.2024
	are not met. Practically non toxic: LL/EL/IL50 > 100 mg/l	
Toxicity to crustacean (Acute toxicity)	: Remarks: Based on available data are not met. Practically non toxic: LL/EL/IL50 > 100 mg/l	a, the classification criteria
Toxicity to algae/aquatic plants (Acute toxicity)	: Remarks: Based on available data are not met. Practically non toxic: LL/EL/IL50 > 100 mg/l	a, the classification criteria
Toxicity to fish (Chronic toxicity)	: Remarks: Based on available data are not met.	a, the classification criteria
Toxicity to crustacean (Chronic toxicity)	: Remarks: Based on available data are not met.	a, the classification criteria
Toxicity to microorganisms (Acute toxicity)	: Remarks: Based on available data are not met.	a, the classification criteria
sistence and degradability		
Product:		
	: Remarks: Not readily biodegradable inherently biodegradable, but cont persist in the environment., Persis International Oil Pollution Comper definition: "A non-persistent oil is of shipment, consists of hydrocarbor of which, by volume, distills at a te and (b) at least 95% of which, by v temperature of 370°C (700°F) whe Method D-86/78 or any subsequent	tains components that may stent per IMO criteria., insation (IOPC) Fund oil, which, at the time of in fractions, (a) at least 50% emperature of 340°C (645°F) volume, distils at a en tested by the ASTM
Product:	inherently biodegradable, but cont persist in the environment., Persis International Oil Pollution Comper definition: "A non-persistent oil is of shipment, consists of hydrocarbor of which, by volume, distills at a te and (b) at least 95% of which, by v temperature of 370°C (700°F) whe	tains components that may stent per IMO criteria., hsation (IOPC) Fund bil, which, at the time of h fractions, (a) at least 50% emperature of 340°C (645°F volume, distils at a en tested by the ASTM
Product: Biodegradability	inherently biodegradable, but cont persist in the environment., Persis International Oil Pollution Comper definition: "A non-persistent oil is of shipment, consists of hydrocarbor of which, by volume, distills at a te and (b) at least 95% of which, by v temperature of 370°C (700°F) whe	tains components that may stent per IMO criteria., hsation (IOPC) Fund bil, which, at the time of h fractions, (a) at least 50% emperature of 340°C (645°F volume, distils at a en tested by the ASTM
Product: Biodegradability	inherently biodegradable, but cont persist in the environment., Persis International Oil Pollution Comper definition: "A non-persistent oil is of shipment, consists of hydrocarbor of which, by volume, distills at a te and (b) at least 95% of which, by v temperature of 370°C (700°F) whe	tains components that may stent per IMO criteria., hsation (IOPC) Fund bil, which, at the time of h fractions, (a) at least 50% emperature of 340°C (645°F volume, distils at a en tested by the ASTM nt revision thereof."
Product: Biodegradability	 inherently biodegradable, but cont persist in the environment., Persis International Oil Pollution Comper definition: "A non-persistent oil is of shipment, consists of hydrocarbor of which, by volume, distills at a te and (b) at least 95% of which, by v temperature of 370°C (700°F) whe Method D-86/78 or any subsequent : Remarks: Contains components w 	tains components that may stent per IMO criteria., hsation (IOPC) Fund oil, which, at the time of n fractions, (a) at least 50% emperature of 340°C (645°F volume, distils at a en tested by the ASTM nt revision thereof."
Product: Biodegradability Paccumulative potential Product: Bioaccumulation Partition coefficient: n-	 inherently biodegradable, but cont persist in the environment., Persis International Oil Pollution Comper definition: "A non-persistent oil is of shipment, consists of hydrocarbor of which, by volume, distills at a te and (b) at least 95% of which, by v temperature of 370°C (700°F) whe Method D-86/78 or any subsequent Remarks: Contains components w bioaccumulate. log Pow: > 6Remarks: (based on it 	tains components that may stent per IMO criteria., hsation (IOPC) Fund oil, which, at the time of n fractions, (a) at least 50% emperature of 340°C (645°F volume, distils at a en tested by the ASTM nt revision thereof."
Product: Biodegradability Paccumulative potential Product: Bioaccumulation Partition coefficient: n- octanol/water	 inherently biodegradable, but cont persist in the environment., Persis International Oil Pollution Comper definition: "A non-persistent oil is of shipment, consists of hydrocarbor of which, by volume, distills at a te and (b) at least 95% of which, by v temperature of 370°C (700°F) whe Method D-86/78 or any subsequent Remarks: Contains components w bioaccumulate. log Pow: > 6Remarks: (based on it 	tains components that may stent per IMO criteria., hsation (IOPC) Fund oil, which, at the time of n fractions, (a) at least 50% emperature of 340°C (645°F volume, distils at a en tested by the ASTM nt revision thereof."

Shell Gadinia S3 40

Version 1.5	Revision Date 01.07.2024	Print Date 02.07.2024
	Remarks: Floats on water.	
Other adverse effects		
no data available <u>Product:</u>		
Additional ecological information	 Does not have ozone depletion por ozone creation potential or global v is a mixture of non-volatile compor released to air in any significant qu conditions of use. Poorly soluble mixture., Causes ph organisms. Mineral oil does not cause chronic organisms at concentrations less th 	warming potential., Product nents, which will not be lantities under normal hysical fouling of aquatic toxicity to aquatic

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. Waste product should not be allowed to contaminate soil or ground water, or be disposed of into the environment. Do not dispose into the environment, in drains or in water courses. Do not dispose of tank water bottoms by allowing them to drain into the ground. This will result in soil and groundwate contamination. Waste arising from a spillage or tank cleaning should be disposed of in accordance with prevailing regulations, preferably to a recognised collector or contractor. The competence of the collector or contractor should be established beforehand.	
		MARPOL - see International Convention for the Prevention of Pollution from Ships (MARPOL 73/78) which provides technical aspects at controlling pollutions from ships.	
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.	

AU

Shell Gadinia S3 40

Version 1.5

Revision Date 01.07.2024

Print Date 02.07.2024

SECTION 14. TRANSPORT INFORMATION

National Regulations

ADG

Not regulated as a dangerous good

International Regulations

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Maritime transport in bulk according to IMO instruments

MARPOL Annex 1 rules apply for bulk shipments by sea.

Special precautions for user

Remarks

: Special Precautions: Refer to Section 7, Handling & Storage, for special precautions which a user needs to be aware of or needs to comply with in connection with transport.

SECTION 15. REGULATORY INFORMATION

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

Therapeutic Goods (Poisons : No poison schedule number allocated Standard) Instrument

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

Product classified as per Work Health Safety Regulations – Implementation of the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) 2012 and SDS prepared as per national model code of practice for preparation of safety data sheet for Hazardous chemicals 2020 based on Globally Harmonized Classification version 7.

National Model Code of Practice for the Labelling of Workplace Hazardous Chemicals (2011). Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG code). Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Other international regulations

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

TSCA	:	All components listed.
AIIC	:	Listed introduction

Shell Gadinia S3 40

Version 1.5

Revision Date 01.07.2024

Print Date 02.07.2024

SECTION 16. OTHER INFORMATION

Full text of H-Statements

H304 May be fatal if swallowed and enters airways. Full text of other abbreviations

Asp. Tox. Aspiration hazard

Abbreviations and Acronyms

AIIC - Australian Inventory of Industrial Chemicals; 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; 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; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic 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

Date of preparation or review : 01.07.2024

Further information

Training advice	: Provide adequate information, instruction and training for operators.
Other information	: A vertical bar () in the left margin indicates an amendment from the previous version.
Sources of key data used to	: The guoted data are from, but not limited to, one or more

Shell Gadinia S3 40

Version 1.5	Revision Date 01.07.2024	Print Date 02.07.2024
compile the Safety Data Sheet	sources of information (e.g. toxicological data from Shell Health Services, material suppliers' data, CONCAWE, EU IUCLID date base, EC 1272 regulation, etc).	

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.

AU / EN