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1. PRODUCT AND COMPANY IDENTIFICATION				
Chemical product name	:	Heat Transfer Oil S4 X		
Product code	:	001G4895		
Manufacturer or supplier's of Supplier's company name, address and phone number	deta :	ails Shell Lubricants Japan K.K. Pacific Century Place Marunouchi 12F 1-11-1, Marunouchi Chiyoda-ku Tokyo 100-6212		
Telephone Telefax	:	Japan (+81) 03-3218-1780 (+81) 03-3218-1781		
Emergency telephone number	:	[Important notice for customer support] If you need support for product, please service centre. Lub Customer Service Centre (Lub CS Tel. 0120-064-315 / Fax. 0120-264-315 E-mail. Inquiries-Lubes-JP@shell.com (Available for Japanese office hours on	contact our customer C) 5 (JP Toll free)	
Contact for Safety Data Sheet	:	If you have any enquiries about the c please email lubricantSDS@shell.com		
Recommended use of the c	hen	nical and restrictions on use		
Recommended use	:	Heat transfer oil.		
Restrictions on use	:	This substance may not be used for an recommended without expert advice	y purpose other than	

2. HAZARDS IDENTIFICATION

GHS classification of chemical product 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.

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ENVIRONMENTAL HAZARDS: Not classified as an environmental hazard under GHS criteria. Precautionary statements :	Version 1.1	Revision Date 2024.07.16	Print Date 2024.11.04
		ENVIRONMENTAL HAZARDS:	
Precautionary statements		Not classified as an environmental	hazard under GHS criteria.
Precautionary statements			
Prevention:	Precautionary statements	Brovention:	
No precautionary phrases.		No precautionary phrases.	
Response:		Response:	
No precautionary phrases.		No precautionary phrases.	
Storage:		Storage:	
No precautionary phrases.		No precautionary phrases.	
Disposal:		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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Chemical nature : Synthetic base oil and additives.

Hazardous components

Substance name	CAS-No.	Classification	Concentration (% w/w)
Distillates (Fischer - Tropsch), heavy, C18- 50 – branched, cyclic and linear	848301-69-9	Asp. Tox.1; H304	20 - 35

For explanation of abbreviations see section 16.

4. FIRST-AID MEASURES	
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 water and follow by washing with soap if available. If persistent irritation occurs, obtain medical attention.

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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 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.
Notes to physician	: Treat symptomatically.
FIRE-FIGHTING MEASURES	
Suitable extinguishing media	: Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.
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).

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and	: Avoid contact with skin and eyes.
emergency procedures Environmental precautions	: Use appropriate containment to avoid environmental

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	contamination. Prevent from spreading or entering drains, ditches or rivers by using sand, earth, or other appropriate 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 acciden Prevent from spreading by making or other containment material. Reclaim liquid directly or in an abs Soak up residue with an absorbent suitable material and dispose of pre-	a barrier with sand, earth orbent. such as clay, sand or other
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.	Sheet.

7. HANDLING AND STORAGE

Handling		
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.
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.
Facial protective equipment	:	If material is handled such that it could be splashed into eyes, protective eyewear is recommended.
Describe contact avoidance, etc	:	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.

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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 l temperatures because of possible ris	

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Threshold limit value and permissible exposure limits for each component in the work environment

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

労働者の健康障害を防止するため化学物質の濃度基準値とその適用方法などを定めました (mhlw.go.jp)

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

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	product.	
	Ensure appropriate selection, testing ar	
	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 p	ending disposal or
	subsequent recycle. Always observe good personal hygiene measures, such washing hands after handling the material and before e drinking, and/or smoking. Routinely wash work clothing protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be clear 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 norm 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 work health, select respiratory protection equipment suitable for 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 >6 (149°F)].	ker the s
Hand protection		
Remarks	Where hand contact with the product may occur the use of gloves approved to relevant standards (e.g. Europe: EN37 US: F739) made from the following materials may provide suitable chemical protection. PVC, neoprene or nitrile rubb 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 h care. Gloves must only be worn on clean hands. After usin gloves, hands should be washed and dried thoroughly. Application of a non-perfumed moisturizer is recommended	z4, per n nand
	For continuous contact we recommend gloves with breakthrough time of more than 240 minutes with preferen for > 480 minutes where suitable gloves can be identified.	

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	short-term/splash protection we recom- recognize that suitable gloves offering may not be available and in this case time maybe acceptable so long as ap- and replacement regimes are followed a good predictor of glove resistance to dependent on the exact composition of Glove thickness should be typically go depending on the glove make and more	this level of protection a lower breakthrough propriate maintenance d. Glove thickness is not o a chemical as it is of the glove material. reater than 0.35 mm
Eye and face protection	If material is handled such that it coul- protective eyewear is recommended.	d be splashed into eyes,
Skin and body protection	 Skin protection is not ordinarily require work clothes. It is good practice to wear chemical re 	·
Thermal hazards	Not applicable	
Environmental exposure contr	ols	
General advice	 Take appropriate measures to fulfill the relevant environmental protection legic contamination of the environment by Section 6. If necessary, prevent undis being discharged to waste water. Way treated in a municipal or industrial way before discharge to surface water. Local guidelines on emission limits for must be observed for the discharge of vapour. 	islation. Avoid following advice given in ssolved material from ste water should be ste water treatment plant r volatile substances

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Clear, bright liquid.
Colour	: clear
Odour	: Data not available
Odour Threshold	: Data not available
рН	: Not applicable
pour point	: -30 °C / -22 °F Method: ISO 3016
Boiling point, initial boiling point and boiling range	: > 280 °C / 536 °Festimated value(s)
Flash point	: 260 °C / 500 °F Method: ISO 2592
Evaporation rate	: Data not available

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Flammability		
Flammability (solid, gas)	: Not applicable	
Flammability (liquids)	: Not classified as flammable but	will burn.
Lower explosion limit and upp	er explosion limit / flammability limit	
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	
Density and / or relative dens	ity	
Relative density	: 0.826 (15.0 °C / 59.0 °F)	
Density	: 826 kg/m3 (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	: log Pow: > 6 (based on information on similar	r products)
Auto-ignition point	: > 320 °C / 608 °F	
Decomposition temperature	: Data not available	
Viscosity		
Viscosity (Dynamic)	: Data not available	
Viscosity, kinematic	: 6.4 mm2/s (100 °C / 212 °F) Method: ISO 3104	
	34.3 mm2/s (40.0 °C / 104.0 °F) Method: ISO 3104)
	1.7 mm2/s (200 °C / 392 °F) Method: ISO 3104	
	290 mm2/s (0 °C / 32 °F) Method: ISO 3104	

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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.
10. STABILITY AND REACTIVIT	Y	
Reactivity	: The product does not pose any further addition to those listed in the following	•
Chemical stability	: Stable.	
Possibility of hazardous reactions	: Reacts with strong oxidising agents.	
Conditions to avoid	: Extremes of temperature and direct s	sunlight.
Incompatible materials	: Strong oxidising agents.	
Hazardous decomposition products	: No decomposition if stored and appli	ed as directed.
11. TOXICOLOGICAL INFORMA	TION	
Basis for assessment	: Information given is based on data o the toxicology of similar products.Unl the data presented is representative whole, rather than for individual comp	ess indicated otherwise, of the product as a

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:

<u>i loddot.</u>		
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.	

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Acute dermal toxicity	: LD50 Rabbit: > 5,000 mg/kg	
	Remarks: Low toxicity	
	Based on available data, the classif	ication 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.

:

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.

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.

STOT - single exposure

Product:

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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: Slightly irritating to respiratory system.

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 are not met. Practically non toxic: LL/EL/IL50 > 100 mg/I
Toxicity to crustacean (Acute toxicity)	: Remarks: Based on available data, the classification criteria are not met. Practically non toxic: LL/EL/IL50 > 100 mg/I
Toxicity to algae/aquatic plants (Acute toxicity)	: Remarks: Based on available data, the classification criteria
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	are not met. Practically non toxic: LL/EL/IL50 > 100 mg/l	
Toxicity to fish (Chronic toxicity)	: Remarks: Based on available data, the classification criteriar are not met.	ia
Toxicity to crustacean (Chronic toxicity)	: Remarks: Based on available data, the classification criteriar are not met.	ia
Toxicity to microorganisms (Acute toxicity)	: Remarks: Based on available data, the classification criteriare not met.	ia
Persistence and degradability		
Product:		
Biodegradability	: Remarks: Not readily biodegradable., Major constituents a inherently biodegradable, but contains components that m persist in the environment., Persistent per IMO criteria., International Oil Pollution Compensation (IOPC) Fund definition: "A non-persistent oil is oil, which, at the time of shipment, consists of hydrocarbon fractions, (a) at least 50 of which, by volume, distills at a temperature of 340°C (645 and (b) at least 95% of which, by volume, distils at a temperature of 370°C (700°F) when tested by the ASTM Method D-86/78 or any subsequent revision thereof."	nay 0%
Bioaccumulation		
Product:		
Bioaccumulation	: Remarks: Contains components with the potential to bioaccumulate.	
Partition coefficient: n- octanol/water	: log Pow: > 6Remarks: (based on information on similar products)	
Mobility in soil		
Product:		
Mobility	 Remarks: Liquid under most environmental conditions., If i enters soil, it will adsorb to soil particles and will not be mobile. Remarks: Floats on water. 	it
Other adverse effects		
no data available <u>Product:</u>		
Additional ecological information	 Does not have ozone depletion potential, photochemical ozone creation potential or global warming potential., Prod 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 	

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	organisms. Mineral oil does not cause chronic toxic organisms at concentrations less than f	
Hazardous to the ozone layer		
Not applicable		
13. DISPOSAL CONSIDERATIONS		
Disposal methods		
Chemicals (residual waste)	 Recover or recycle if possible. It is the responsibility of the waste gene toxicity and physical properties of the m determine the proper waste classification methods in compliance with applicable. Waste product should not be allowed to ground water, or be disposed of into the Do not dispose into the environment, in courses. Do not dispose of tank water bottoms b drain into the ground. This will result in contamination. Waste arising from a spillage or tank cle disposed of in accordance with prevailin preferably to a recognised collector or competence of the collector or contracte established beforehand. 	aterial generated to on and disposal regulations. o contaminate soil or e environment. drains or in water y allowing them to soil and groundwater eaning should be g regulations, contractor. The
	MARPOL - see International Conventior Pollution from Ships (MARPOL 73/78) w technical aspects at controlling pollution	which provides
Contaminated containers and packaging	Dispose in accordance with prevailing r to a recognized collector or contractor. the collector or contractor should be est Disposal should be in accordance with national, and local laws and regulations	The competence of tablished beforehand. applicable regional,
Local legislation Remarks	Disposal should be in accordance with national, and local laws and regulations	

14. TRANSPORT INFORMATION

Regulatory information when there are domestic regulations

Refer to section 15 for specific national regulation.

International Regulations

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Not regulated as a dangerous good

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.

15. REGULATORY INFORMATION

Related Regulations

Fire Service Law

Not dangerous good Designated Flam. Subs, Flammable liquid, (2 cubic metre)

Chemical Substance Control Law

Not applicable for Specified Chemical Substance, Monitoring Chemical Substance and Priority Assessment Chemical Substance.

Industrial Safety and Health Law

Harmful Substances Prohibited from Manufacture

Not applicable

Harmful Substances Required Permission for Manufacture

Not applicable

Substances Prevented From Impairment of Health

Not applicable

Circular concerning Information on Chemicals having Mutagenicity - Annex 2: Information on Existing Chemicals having Mutagenicity

Not applicable

Circular concerning Information on Chemicals having Mutagenicity - Annex 1: Information on Notified Substances having Mutagenicity

Not applicable

Substances Subject to be Notified Names

Not applicable

Substances Subject to be Indicated Names

Not applicable

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	lazards Due to Specified Chemical S	ubstances		
Not applicable				
Ordinance on Prevention of C Not applicable	organic Solvent Poisoning			
Enforcement Order of the Ind Substances)	ustrial Safety and Health Law - Attac	hed table 1 (Dangerous		
Not applicable				
Poisonous and Deleterious S Not applicable	ubstances Control Law			
	elease Amounts of Specific Chemic of Improvements to the Managemen			
Not applicable				
Vessel Safety Law				
Not applicable				
Aviation Law				
Not applicable				
Marine Pollution and Sea Disaster Prevention etc Law				
Not classified as marine pollutant				
Water Pollution Control Law				
Oil emissions regulations (Law Art. 2-5, Enforcement Order Art. 3-4)				
Waste Disposal and Public Cleansing Law Industrial waste				
The components of this produ	uct are reported in the following inve	entories:		
TSCA	: All components listed.			
ENCS	: All components listed.			
		_		

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

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System; GLP - Good Laborator	y Practice; IARC - International Ag	jency for Research on Cancer;
IATA - International Air Transpo	ort Association; IBC - International	Code for the Construction and
Equipment of Ships carrying	Dangerous Chemicals in Bulk; IC	C50 - Half maximal inhibitory
concentration; ICAO - Internati	onal Civil Aviation Organization;	IECSC - Inventory of Existing
Chemical Substances in Chir	na; IMDG - International Maritim	e Dangerous Goods; IMO -
International Maritime Organiza	ation; ISHL - Industrial Safety an	d Health Law (Japan); ISO -
International Organisation for St	andardization; KECI - Korea Existir	ng Chemicals Inventory; LC50 -
Lethal Concentration to 50 % of	a test population; LD50 - Lethal Do	ose to 50% of a test population
(Median Lethal Dose); MARPO	L - International Convention for th	e Prevention of Pollution from
Ships; n.o.s Not Otherwise Sp	pecified; Nch - Chilean Norm; NO(A	A)EC - No Observed (Adverse)
	- No Observed (Adverse) Effect Lo	
	icial Mexican Norm; NTP - Nationa	
	emicals; OECD - Organization fo	
	of Chemical Safety and Pollution	
	stance; PICCS - Philippines Invento	•
	ative) Structure Activity Relationsh	. ,
	an Parliament and of the Council	
	estriction of Chemicals; SADT - Se	
	ta Sheet; TCSI - Taiwan Chemica	
	oods; TECI - Thailand Existing Che	
	ed States); UN - United Nations	
	nsport of Dangerous Goods; vPvE	
Bioaccumulative; WHMIS - Wor	kplace Hazardous Materials Informa	ation System

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 compile the Safety Data Sheet	:	The quoted data are from, but not limited to, one or more 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.

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