This Safety data sheet is subject to the Egyptian standard ES 8398 "Safety data sheet for chemical products" According to ISO 11014 /2009

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name : CARADOL ET28-03

Product code : U1742 CAS-No. : 9082-00-2

Synonyms Polyol

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the : Use for the manufacture of polyurethane products.

Substance/Mixture

: This product must not be used in applications other than the Uses advised against

above without first seeking the advice of the supplier.

### 1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier : SHELL MARKETS (MIDDLE EAST) LIMITED

> **CHEMICALS** PO Box 307 JEBEL ALI, DUBAI Unit.Arab Emir.

Telephone : +971 4 405 4400 Telefax : +971 4 329 3311

**Email Contact for Safety** 

**Data Sheet** 

## 1.4 Emergency telephone number

+ (65) 6542 9595 (Alert-SGS)

Other information : CARADOL is a trademark owned by Shell Trademark

Management B.V. and Shell Brands Inc. and used by affiliates

of Royal Dutch Shell plc.

#### **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

#### **GHS Classification**

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

#### 2.2 Label elements

#### **GHS-Labelling**

Hazard pictograms : No Hazard Symbol required

Signal word : No signal word

Hazard statements : PHYSICAL HAZARDS:

Not classified as a physical hazard under GHS criteria.

**HEALTH HAZARDS:** 

Not classified as a health hazard under GHS criteria.

**ENVIRONMENTAL HAZARDS:** 

Not classified as an environmental hazard under GHS criteria.

Precautionary statements : **Prevention:** 

No precautionary phrases.

Response:

No precautionary phrases.

Storage:

No precautionary phrases.

Disposal:

No precautionary phrases.

### 2.3 Other hazards

### **SECTION 3: Composition/information on ingredients**

#### 3.1 Substances

### **Hazardous components**

Chemical name	CAS-No.	Concentration (% w/w)
Polyalkylene glycol	9082-00-2	<= 100

#### **SECTION 4: First aid measures**

## 4.1 Description of first aid measures

General advice : Not expected to be a health hazard when used under normal

conditions.

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.

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If inhaled	<ul> <li>No treatment necessary under normal If symptoms persist, obtain medical ad</li> </ul>	
In case of skin contact	<ul> <li>Remove contaminated clothing. Flush water and follow by washing with soap If persistent irritation occurs, obtain me</li> </ul>	if available.
In case of eye contact	<ul> <li>Flush eye with copious quantities of ware Remove contact lenses, if present and rinsing.</li> <li>If persistent irritation occurs, obtain me</li> </ul>	easy to do. Continue
If swallowed	<ul> <li>In general no treatment is necessary u are swallowed, however, get medical a</li> </ul>	<b>.</b>

## 4.2 Most important symptoms and effects, both acute and delayed

Symptoms : Not considered to be an inhalation hazard under normal

conditions of use.

Possible respiratory irritation signs and symptoms may include

a temporary burning sensation of the nose and throat,

coughing, and/or difficulty breathing.

No specific hazards under normal use conditions.

Skin irritation signs and symptoms may include a burning

sensation, redness, or swelling.

Eye irritation signs and symptoms may include a burning sensation, redness, swelling, and/or blurred vision.

Ingestion may result in nausea, vomiting and/or diarrhoea.

## 4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Call a doctor or poison control center for guidance.

Treat symptomatically. Following cases of gross overexposure, investigation of liver, kidney and eye function may be advisable. Records of such incidents should be maintained

for future reference.

### **SECTION 5: Firefighting measures**

#### 5.1 Extinguishing media

Suitable extinguishing media : Large fires should only be fought by properly trained fire

fighters., Alcohol-resistant foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used

for small fires only.

Unsuitable extinguishing : Do not use water in a jet.

media

#### 5.2 Special hazards arising from the substance or mixture

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	Specific hazards during firefighting	:	Will only burn if enveloped in a pre-existi combustion products may include: Carbo Unidentified organic and inorganic comp Carbon monoxide.	on dioxide
5.3 Adv	ice for firefighters			
	Special protective equipment for firefighters	:	Proper protective equipment including charges are to be worn; chemical resistant large contact with spilled product is experient Breathing Apparatus must be worn when a confined space. Select fire fighter's clorelevant Standards (e.g. Europe: EN469)	t suit is indicated if octed. Self-Contained or approaching a fire in thing approved to
	Specific extinguishing methods	:	Standard procedure for chemical fires.	,
	Further information	:	Clear fire area of all non-emergency pers All storage areas should be provided with fighting facilities. Keep adjacent containers cool by spraying	h adequate fire

#### **SECTION 6: Accidental release measures**

### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Observe all relevant local and international regulations.

Avoid contact with skin, eyes and clothing.

Avoid inhaling vapour and/or mists.

Extinguish any naked flames. Do not smoke. Remove ignition

sources. Avoid sparks.

## 6.2 Environmental precautions

Environmental precautions : Remove all possible sources of ignition in the surrounding

area.

Prevent from spreading or entering into drains, ditches or rivers by using sand, earth, or other appropriate barriers. Use appropriate containment to avoid environmental

contamination.

Ventilate contaminated area thoroughly.

## 6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : For large liquid spills (> 1 drum), transfer by mechanical

means such as vacuum truck to a salvage tank for recovery or safe disposal. Do not flush away residues with water. Retain as contaminated waste. Allow residues to evaporate or soak up with an appropriate absorbent material and dispose of

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	safely. Remove contaminated soil and For small liquid spills (< 1 drum), trans means to a labeled, sealable containe safe disposal. Allow residues to evapor appropriate absorbent material and discontaminated soil and dispose of safe Proper disposal should be evaluated by status of this material (refer to Section contamination from subsequent use a regulations governing disposal in the I	sfer by mechanical or for product recovery or orate or soak up with an spose of safely. Remove ly. oased on regulatory of 13), potential ond spillage, and

#### 6.4 Reference to other sections

For guidance on selection of personal protective equipment see Section 8 of this Safety Data Sheet., For guidance on disposal of spilled material see Section 13 of this Safety Data Sheet.

### **SECTION 7: Handling and storage**

General Precautions : Avoid breathing of or dire

: Avoid breathing of or direct contact with material. Only use in well ventilated areas. Wash thoroughly after handling. For guidance on selection of personal protective equipment see Section 8 of this Safety Data Sheet.

Section 8 of this Safety Data Sheet.

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.

Ensure that all local regulations regarding handling and storage facilities are followed.

### 7.1 Precautions for safe handling

**Product Transfer** 

Advice on safe handling

 In accordance with good industrial hygiene practices, precautions should be taken to avoid breathing of material.
 Use local exhaust extraction over processing area.
 Avoid unintentional contact with isocyanates to prevent uncontrolled polymerisation.

Avoid contact with skin, eyes and clothing.

Air-dry contaminated clothing in a well-ventilated area before

laundering.

Do not empty into drains. Handling Temperature:

Ambient.

When handling product in drums, safety footwear should be worn and proper handling equipment should be used.

Extinguish any naked flames. Do not smoke. Remove ignition sources. Avoid sparks.

: Lines should be purged with nitrogen before and after product

transfer. Keep containers closed when not in use.

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#### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers

: Refer to section 15 for any additional specific legislation covering the packaging and storage of this product.

Other data Prevent all contact with water and with moist atmosphere.

> Tanks must be clean, dry and rust-free. Prevent ingress of water. Must be stored in a diked (bunded) well-ventilated area, away from sunlight, ignition sources and other sources of heat. Nitrogen blanket recommended for large tanks (capacity 100 m3 or higher). Drums should be stacked to a

maximum of 3 high.

Storage period : 24 month(s)

Storage Temperature: Ambient.

Storage should be handled at temperatures such that viscosities are less than 500 cSt; typically at 25-50 °C. Tanks should be fitted with heating coils in areas where the ambient temperatures are below the recommended product handling temperatures. Heating coil skin temperatures should not

exceed 100 °C.

Packaging material : Suitable material: Stainless steel. For container paints, use

epoxy paint, zinc silicate paint.

Unsuitable material: Copper.Copper alloys.

7.3 Specific end use(s)

Specific use(s) : Not applicable

Ensure that all local regulations regarding handling and

storage facilities are followed.

### **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

**Occupational Exposure Limits** 

**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

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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

#### 8.2 Exposure controls

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

Adequate ventilation to control airborne concentrations.

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:

#### General Information:

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.

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.

#### Personal protective equipment

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

Eve protection : If material is handled such that it could be splashed into eyes,

protective eyewear is recommended.

Hand protection

Remarks : Where hand contact with the product may occur the use of

gloves approved to relevant standards (e.g. Europe: EN374,

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US: F739) made from the following materials may provide suitable chemical protection. Longer term protection: Nitrile rubber. Incidental contact/Splash protection: PVC, neoprene or nitrile rubber gloves 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. 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 nonperfumed moisturizer 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.

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.

Hygiene measures

: Wash hands before eating, drinking, smoking and using the

toilet. Launder contaminated clothing before re-use.

## **Environmental exposure controls**

General advice

: Local guidelines on emission limits for volatile substances must be observed for the discharge of exhaust air containing

vapour.

Minimise release to the environment. An environmental assessment must be made to ensure compliance with local

environmental legislation.

Information on accidental release measures are to be found in

section 6.

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## **SECTION 9: Physical and chemical properties**

## 9.1 Information on basic physical and chemical properties

: Liquid. **Appearance** 

: Clear colourless Colour

Odour odourless

Odour Threshold : Data not available

Hq : ca. 6.5

Data not available Melting / freezing point

> 200 °C Boiling point/boiling range

: Typical > 180 °C Flash point

Method: ASTM D93 (PMCC)

Evaporation rate Data not available

Flammability (solid, gas) : Not applicable

Upper explosion limit : Data not available Lower explosion limit Data not available : Data not available Vapour pressure Relative vapour density : Data not available Data not available Relative density

: Typical 1.018 kg/m3 (20 °C) Density

Method: ASTM D4052

Solubility(ies)

Water solubility : Data not available Partition coefficient: n-: Data not available

octanol/water

Auto-ignition temperature : Data not available Decomposition temperature : Data not available

Viscosity

Viscosity, dynamic : Typical 1.130 mPa.s (20 °C)

Method: ASTM D 445

: Data not available Viscosity, kinematic

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Explosive properties : Not applicable Oxidizing properties : Data not available

9.2 Other information

Surface tension : Data not available

Conductivity : Electrical conductivity: > 10,000 pS/m

> A number of factors, for example liquid temperature, presence of contaminants, and anti-static additives can greatly influence the conductivity of a liquid, This material is not expected to be

a static accumulator.

Molecular weight : Data not available

### **SECTION 10: Stability and reactivity**

### 10.1 Reactivity

The product does not pose any further reactivity hazards in addition to those listed in the following sub-paragraph.

#### 10.2 Chemical stability

No hazardous reaction is expected when handled and stored according to provisions, Hygroscopic.

#### 10.3 Possibility of hazardous reactions

Hazardous reactions : Polymerises exothermically with di-isocyanates at ambient

temperatures.

The reaction becomes progressively more vigorous and can be violent at higher temperatures if the miscibility of reaction partners is good or is supported by stirring or by the presence

of solvents.

Reacts with strong oxidising agents.

10.4 Conditions to avoid

Conditions to avoid : Heat, flames, and sparks.

Product cannot ignite due to static electricity.

10.5 Incompatible materials

Materials to avoid : Avoid contact with isocyanates, copper and copper alloys,

zinc, strong oxidizing agents, and water.

10.6 Hazardous decomposition products

Hazardous decomposition

products

: Unknown toxic products may be formed.

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## **SECTION 11: Toxicological information**

#### 11.1 Information on toxicological effects

Basis for assessment : Information given is based on data obtained from similar

substances. Information given is based on data obtained from

similar substances.

exposure

Information on likely routes of : Exposure may occur via inhalation, ingestion, skin absorption,

skin or eye contact, and accidental ingestion.

#### **Acute toxicity**

#### **Product:**

Acute oral toxicity : LD 50 : > 2.000 mg/kg

Remarks: Based on available data, the classification criteria

are not met.

Acute inhalation toxicity : Remarks: Based on available data, the classification criteria

are not met.

Acute dermal toxicity : LD 50 : > 2.000 mg/kg

Remarks: Low toxicity:

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

#### Skin corrosion/irritation

#### **Product:**

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

#### Serious eye damage/eye irritation

#### Product:

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

#### Respiratory or skin sensitisation

## **Product:**

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

### Germ cell mutagenicity

#### **Product:**

: Remarks: Based on available data, the classification criteria

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are not met.

## Carcinogenicity

#### **Product:**

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

Material	GHS/CLP Carcinogenicity Classification	
Polyalkylene glycol	No carcinogenicity classification.	

#### Reproductive toxicity

#### Product:

Remarks: Based on available data, the classification criteria

are 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:**

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

#### **Further information**

#### **Product:**

Remarks: Classifications by other authorities under varying regulatory frameworks may exist.

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## **SECTION 12: Ecological information**

### 12.1 Toxicity

Basis for assessment : Incomplete ecotoxicological data are available for this product.

The information given below is based partly on a knowledge of

the components and the ecotoxicology of similar

products. Incomplete ecotoxicological data are available for this product. The information given below is based partly on a knowledge of the components and the ecotoxicology of similar

products.

**Product:** 

Toxicity to fish (Acute

toxicity)

: LC50 : > 100 mg/l

Remarks: Based on available data, the classification criteria

are not met.

Practically non toxic:

Toxicity to daphnia and other aquatic invertebrates (Acute

toxicity)

: EC50 : > 100 mg/l

Remarks: Based on available data, the classification criteria

are not met.

Practically non toxic:

Toxicity to algae (Acute

toxicity)

: EC50 : > 100 mg/l

Remarks: Practically non toxic:

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

Toxicity to fish (Chronic

toxicity)

: Remarks: Data not available

Toxicity to daphnia and other

Toxicity to bacteria (Acute

aquatic invertebrates (Chronic toxicity)

toxicity)

: Remarks: Data not available

: IC50 : > 100 mg/l

Remarks: Based on available data, the classification criteria

are not met.

Practically non toxic:

## 12.2 Persistence and degradability

#### **Product:**

Biodegradability : Remarks: Readily biodegradable.

no data available

### 12.3 Bioaccumulative potential

#### **Product:**

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Bioaccumulation : Remarks: Does not bioaccumulate significantly.

Partition coefficient: n-

octanol/water

: Remarks: Data not available

### 12.4 Mobility in soil

**Product:** 

: Remarks: If the product enters soil, one or more constituents Mobility

will or may be mobile and may contaminate groundwater.

#### 12.5 Results of PBT and vPvB assessment

no data available

#### 12.6 Other adverse effects

no data available

## **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods

Product : 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

water.

Disposal should be in accordance with applicable regional.

national, and local laws and regulations.

Local regulations may be more stringent than regional or

national requirements and must be complied with.

Contaminated packaging Drain container thoroughly.

After draining, vent in a safe place away from sparks and fire.

Send to drum recoverer or metal reclaimer.

Dispose in accordance with prevailing regulations, preferably to a recognized collector or contractor. The competence of the collector or contractor should be established beforehand.

Local legislation

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## **SECTION 14: Transport information**

14.1 UN number

**ADR** : Not regulated as a dangerous good **IMDG** Not regulated as a dangerous good **IATA** : Not regulated as a dangerous good

14.2 Proper shipping name

**ADR** : Not regulated as a dangerous good **IMDG** : Not regulated as a dangerous good IATA : Not regulated as a dangerous good

14.3 Transport hazard class

**ADR** : Not regulated as a dangerous good **IMDG** : Not regulated as a dangerous good IATA : Not regulated as a dangerous good

14.4 Packing group

**ADR** : Not regulated as a dangerous good **IMDG** : Not regulated as a dangerous good : Not regulated as a dangerous good IATA

14.5 Environmental hazards

**ADR** : Not regulated as a dangerous good **IMDG** : Not regulated as a dangerous good

14.6 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.

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

: Z Pollution category Ship type 3

Product name : Glycerol, propoxylated and ethoxylated

**Additional Information** : This product may be transported under nitrogen blanketing.

> Nitrogen is an odourless and invisible gas. Exposure to nitrogen enriched atmospheres displaces available oxygen which may cause asphyxiation or death. Personnel must observe strict safety precautions when involved with a

confined space entry.

### **SECTION 15: Regulatory information**

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

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Other regulations : The regulatory information is not intended to be

comprehensive. Other regulations may apply to this material.

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

**AICS** : Listed DSL : Listed **IECSC** Listed **ENCS** Listed KECI Listed **NZIoC** : Listed **PICCS** : Listed TCSI : Listed **TSCA** : Listed

#### **SECTION 16: Other information**

: The standard abbreviations and acronyms used in this Abbreviations and Acronyms

document can be looked up in reference literature (e.g.

scientific dictionaries) and/or websites.

ACGIH = American Conference of Governmental Industrial

**Hygienists** 

ADR = European Agreement concerning the International

Carriage of Dangerous Goods by Road

AICS = Australian Inventory of Chemical Substances ASTM = American Society for Testing and Materials

BEL = Biological exposure limits

BTEX = Benzene, Toluene, Ethylbenzene, Xylenes

CAS = Chemical Abstracts Service

CEFIC = European Chemical Industry Council CLP = Classification Packaging and Labelling

COC = Cleveland Open-Cup

DIN = Deutsches Institut fur Normung DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level

DSL = Canada Domestic Substance List

EC = European Commission

EC50 = Effective Concentration fifty

ECETOC = European Center on Ecotoxicology and

**Toxicology Of Chemicals** 

ECHA = European Chemicals Agency

EINECS = The European Inventory of Existing Commercial

Chemical Substances

EL50 = Effective Loading fifty

ENCS = Japanese Existing and New Chemical Substances

Inventory

EWC = European Waste Code

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	Revision Date 20.10.2021  GHS = Globally Harmonised System of Classification and Labelling of Chemicals IARC = International Agency for Research on Cancer IATA = International Air Transport Association IC50 = Inhibitory Concentration fifty IL50 = Inhibitory Level fifty IMDG = International Maritime Dangerous Goods INV = Chinese Chemicals Inventory IP346 = Institute of Petroleum test method N° 346 for the determination of polycyclic aromatics DMSO-extractables KECI = Korea Existing Chemicals Inventory LC50 = Lethal Concentration fifty LD50 = Lethal Loading/Effective Loading/Inhibitory loadir LL50 = Lethal Loading fifty MARPOL = International Convention for the Prevention of Pollution From Ships NOEC/NOEL = No Observed Effect Concentration / No Observed Effect Level OE_HPV = Occupational Exposure - High Production Volum PBT = Persistent, Bioaccumulative and Toxic PICCS = Philippine Inventory of Chemicals and Chemical Substances PNEC = Predicted No Effect Concentration REACH = Registration Evaluation And Authorisation Of Chemicals RID = Regulations Relating to International Carriage of Dangerous Goods by Rail SKIN_DES = Skin Designation STEL = Short term exposure limit TRA = Targeted Risk Assessment TSCA = US Toxic Substances Control Act TWA = Time-Weighted Average vPvB = very Persistent and very Bioaccumulative	
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	

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IUCLID date base, EC 1272 regulation, etc).

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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.