

## Gulf Marine Pte. Ltd.

Chemwatch: **5624-59** Version No: **3.1** Safety Data Sheet in accordance with SS 586-3:2022 Issue Date: 13/09/2023 Print Date: 07/05/2025 S.GHS.SGP.EN.E

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

#### **Product Identifier**

Product name	GulfSea BD EP2 Grease
Chemical Name	Not Applicable
Synonyms	Not Available
Chemical formula	Not Applicable
Other means of identification	2BG83330-67

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

	Grease
Relevant identified uses	Use according to manufacturer's directions.

#### Details of the manufacturer or importer of the safety data sheet

Registered company name	Gulf Marine Pte. Ltd.
Address	37 Tuas Road 638503 Singapore
Telephone	+65 6592 0120
Fax	Not Available
Website	Not Available
Email	sds@gulf-marine.com

#### Emergency telephone number

Association / Organisation	Gulf Marine Pte. Ltd.
Emergency telephone number(s)	+65 6592 0120
Other emergency telephone number(s)	Not Available

## **SECTION 2 Hazards identification**

Precautionary statement(s) Storage

Not Applicable

## Classification of the substance or mixture

Classification	Non hazardous		
Label elements			
Hazard pictogram(s)	Not Applicable		
Cinnel ward	Net Applicable		
Signal word	Not Applicable		
Hazard statement(s)			
Not Applicable			
Precautionary statement(s) Pre-	evention		
Not Applicable			
Precautionary statement(s) Re	500050		
	sponse		
Not Applicable			

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#### Precautionary statement(s) Disposal

Not Applicable

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Other hazards

Not Applicable

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

#### Substances

See section below for composition of Mixtures

#### Mixtures

CAS No	% [weight]	Name	Synonyms	Chemical formula
57855-77-3	<5	calcium dinonyl naphthalenesulfonate	C56-H88-Ca-O6-S; naphthalenesulfonic acid, dinonyl-, calcium salt; dinonylnaphthalenesulfonic acid, calcium salt; calcium dinonylnaphthalenesulfonate; calcium dinonylnaphthalene sulphonate	C28-H44-O3- S .1/2 Ca
Not Available	balance	Ingredients determined not to be hazardous		Not Available

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

Description of first aid measures		
Eye Contact	<ul> <li>If this product comes in contact with eyes:</li> <li>Wash out immediately with water.</li> <li>If irritation continues, seek medical attention.</li> <li>Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.</li> </ul>	
Skin Contact	If skin or hair contact occurs: <ul> <li>Flush skin and hair with running water (and soap if available).</li> <li>Seek medical attention in event of irritation.</li> </ul>	
Inhalation	<ul> <li>If fumes, aerosols or combustion products are inhaled remove from contaminated area.</li> <li>Other measures are usually unnecessary.</li> </ul>	
Ingestion	<ul> <li>Immediately give a glass of water.</li> <li>First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.</li> </ul>	

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

Treat symptomatically.

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

## Extinguishing media

- Foam.
- Dry chemical powder.
- BCF (where regulations permit).
  Carbon dioxide.
- Water spray or fog Large fires only.

#### Special hazards arising from the substrate or mixture

Fire Incompatibility	Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result
vice for firefighters	
Fire Fighting	<ul> <li>Alert Fire Brigade and tell them location and nature of hazard.</li> <li>Wear full body protective clothing with breathing apparatus.</li> <li>Prevent, by any means available, spillage from entering drains or water course.</li> <li>Use water delivered as a fine spray to control fire and cool adjacent area.</li> <li>Avoid spraying water onto liquid pools.</li> <li>DO NOT approach containers suspected to be hot.</li> <li>Cool fire exposed containers with water spray from a protected location.</li> <li>If safe to do so, remove containers from path of fire.</li> </ul>
Fire/Explosion Hazard	<ul> <li>Combustible.</li> <li>Slight fire hazard when exposed to heat or flame.</li> <li>Heating may cause expansion or decomposition leading to violent rupture of containers.</li> <li>On combustion, may emit toxic fumes of carbon monoxide (CO).</li> <li>May emit acrid smoke.</li> <li>Mists containing combustible materials may be explosive.</li> <li>Combustion products include:</li> <li>carbon dioxide (CO2)</li> <li>sulfur oxides (SOx)</li> <li>other pyrolysis products typical of burning organic material.</li> </ul>

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

Personal precautions, protective equipment and emergency procedures

See section 8

#### **Environmental precautions**

See section 12

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Methods and material for containment and cleaning up

Minor Spills	<ul> <li>Remove all ignition sources.</li> <li>Clean up all spills immediately.</li> <li>Avoid breathing vapours and contact with skin and eyes.</li> <li>Control personal contact with the substance, by using protective equipment.</li> <li>Contain and absorb spill with sand, earth, inert material or vermiculite.</li> <li>Wipe up.</li> <li>Place in a suitable, labelled container for waste disposal.</li> </ul>
Major Spills	<ul> <li>Moderate hazard.</li> <li>Clear area of personnel and move upwind.</li> <li>Alert Fire Brigade and tell them location and nature of hazard.</li> <li>Wear breathing apparatus plus protective gloves.</li> <li>Prevent, by any means available, spillage from entering drains or water course.</li> <li>No smoking, naked lights or ignition sources.</li> <li>Increase ventilation.</li> <li>Stop leak if safe to do so.</li> <li>Contain spill with sand, earth or vermiculite.</li> <li>Collect recoverable product into labelled containers for recycling.</li> <li>Absorb remaining product with sand, earth or vermiculite.</li> <li>Collect solid residues and seal in labelled drums for disposal.</li> <li>Wash area and prevent runoff into drains.</li> <li>If contamination of drains or waterways occurs, advise emergency services.</li> </ul>

Personal Protective Equipment advice is contained in Section 8 of the SDS.

## SECTION 7 Handling and storage

Safe handling	<ul> <li>Avoid all personal contact, including inhalation.</li> <li>Wear protective clothing when risk of exposure occurs.</li> <li>Use in a well-ventilated area.</li> <li>Prevent concentration in hollows and sumps.</li> <li>DO NOT enter confined spaces until atmosphere has been checked.</li> <li>Avoid smoking, naked lights or ignition sources.</li> <li>Avoid contact with incompatible materials.</li> <li>When handling, DO NOT eat, drink or smoke.</li> <li>Keep containers securely sealed when not in use.</li> <li>Avoid physical damage to containers.</li> <li>Always wash hands with soap and water after handling.</li> <li>Work clothes should be laundered separately.</li> <li>Use good occupational work practice.</li> <li>Observe manufacturer's storage and handling recommendations contained within this SDS.</li> <li>Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions.</li> </ul>
Other information	<ul> <li>Store in original containers.</li> <li>Keep containers securely sealed.</li> <li>No smoking, naked lights or ignition sources.</li> <li>Store in a cool, dry, well-ventilated area.</li> <li>Store away from incompatible materials and foodstuff containers.</li> <li>Protect containers against physical damage and check regularly for leaks.</li> <li>Observe manufacturer's storage and handling recommendations contained within this SDS.</li> </ul>

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

Suitable container	<ul> <li>Metal can or drum</li> <li>Packaging as recommended by manufacturer.</li> <li>Check all containers are clearly labelled and free from leaks.</li> </ul>
Storage incompatibility	Avoid contamination of water, foodstuffs, feed or seed. <ul> <li>Avoid reaction with oxidising agents</li> </ul>

## SECTION 8 Exposure controls / personal protection

## **Control parameters**

Occupational Exposure Limits (OEL)		
INGREDIENT DATA		
Not Available		
Ingredient	Original IDLH	Revised IDLH

## calcium dinonyl naphthalenesulfonate Not Available Not Available

#### Exposure controls

Appropriate engineering	Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls
controls	can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection. The basic types of engineering controls are:
	Process controls which involve changing the way a job activity or process is done to reduce the risk.
	Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment. Ventilation can remove or dilute an air contaminant if designed properly. The design of a ventilation system must match the particular process and chemical or contaminant in use. Employers may need to use multiple types of controls to prevent employee overexposure.
	General exhaust is adequate under normal operating conditions. If risk of overexposure exists, wear SAA approved respirator. Correct fit is essential to obtain adequate protection. Provide adequate ventilation in warehouse or closed storage areas. Air contaminants generated in the workplace possess varying "escape" velocities which, in turn, determine the "capture velocities" of fresh circulating air required to effectively remove the contaminant.

measures, pro

#### GulfSea BD EP2 Grease

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	Type of Contaminant:		Air Speed:
	solvent, vapours, degreasing etc., evaporating from tank (i	n still air)	0.25-0.5 m/s (50- 100 f/min)
	aerosols, fumes from pouring operations, intermittent conta spray drift, plating acid fumes, pickling (released at low vel		0.5-1 m/s (100- 200 f/min.)
	direct spray, spray painting in shallow booths, drum filling, conveyer loading, crusher dusts, gas discharge (active generation into zone of rapid air motion)		1-2.5 m/s (200- 500 f/min)
	grinding, abrasive blasting, tumbling, high speed wheel ge of very high rapid air motion).	nerated dusts (released at high initial velocity into zone	2.5-10 m/s (500- 2000 f/min.)
	Within each range the appropriate value depends on:		
	Lower end of the range	Upper end of the range	
	1: Room air currents minimal or favourable to capture	1: Disturbing room air currents	
	2: Contaminants of low toxicity or of nuisance value only	2: Contaminants of high toxicity	
	3: Intermittent, low production.	3: High production, heavy use	
	4: Large hood or large air mass in motion	4: Small hood - local control only	
	Simple theory shows that air velocity falls rapidly with distant decreases with the square of distance from the extraction po adjusted, accordingly, after reference to distance from the co a minimum of 1-2 m/s (200-400 f/min.) for extraction of solve mechanical considerations, producing performance deficits v multiplied by factors of 10 or more when extraction systems a	int (in simple cases). Therefore the air speed at the extract ntaminating source. The air velocity at the extraction fan, nts generated in a tank 2 meters distant from the extraction vithin the extraction apparatus, make it essential that theo	ction point should be for example, should be on point. Other
Individual protection easures, such as personal protective equipment			
Eye and face protection	lens absorption and adsorption for the class of chemicals should be trained in their removal and suitable equipmer irrigation immediately and remove contact lens as soon a		include a review of first-aid personnel posure, begin eye of eye redness or
Skin protection	See Hand protection below		
Hands/feet protection	<ul> <li>Wear general protective gloves, eg. light weight rubber g The selection of suitable gloves does not only depend on the manufacturer. Where the chemical is a preparation of severa advance and has therefore to be checked prior to the applica The exact break through time for substances has to be obtai when making a final choice.</li> <li>Personal hygiene is a key element of effective hand care. Gl washed and dried thoroughly. Application of a non-perfumed Suitability and durability of glove type is dependent on usage frequency and duration of contact,</li> <li>chemical resistance of glove material,</li> <li>glove thickness and</li> <li>dexterity</li> <li>Select gloves tested to a relevant standard (e.g. Europe EN When prolonged or frequently repeated contact may occur, 240 minutes according to EN 374, AS/NZS 2161.10.1 or nati When only brief contact is expected, a glove with a protecti EN 374, AS/NZS 2161.10.1 or national equivalent) is recomm some glove polymer types are less affected by movement a use.</li> <li>Contaminated gloves should be replaced.</li> <li>As defined in ASTM F-739-96 in any application, gloves are to Excellent when breakthrough time &gt; 20 min</li> <li>Fair when breakthrough time &lt; 20 min</li> <li>Fair when breakthrough time &lt; 20 min</li> <li>For general applications, gloves with a thickness typically gre It should be emphasised that glove thickness is not necessal permeation efficiency of the glove will be dependent on the efficiency of love thickness may also vary depending on the glove manu technical data should always be taken into account to ensure</li> </ul>	<ul> <li>material, but also on further marks of quality which vary for a substances, the resistance of the glove material can not tition.</li> <li>ined from the manufacturer of the protective gloves and har oves must only be worn on clean hands. After using glove moisturiser is recommended.</li> <li>inportant factors in the selection of gloves include:</li> <li>374, US F739, AS/NZS 2161.1 or national equivalent).</li> <li>a glove with a protection class of 5 or higher (breakthroug onal equivalent) is recommended.</li> <li>on class of 3 or higher (breakthrough time greater than 60 nended.</li> <li>and this should be taken into account when considering grated as:</li> </ul>	be calculated in as to be observed as, hands should be gh time greater than o minutes according to loves for long-term hical, as the election should also

Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly. Application of a non-perfumed moisturiser is recommended. L

Body protection	See Other protection below
Other protection	No special equipment needed when handling small quantities. <b>OTHERWISE:</b> • Overalls.
	h Derrier ereem

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Part Number:

#### **Respiratory protection**

Type A Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

Selection of the Class and Type of respirator will depend upon the level of breathing zone contaminant and the chemical nature of the contaminant. Protection Factors (defined as the ratio of contaminant outside and inside the mask) may also be important.

Required minimum protection factor	Maximum gas/vapour concentration present in air p.p.m. (by volume)	Half-face Respirator	Full-Face Respirator
up to 10	1000	A-AUS / Class1	-
up to 50	1000	-	A-AUS / Class 1
up to 50	5000	Airline *	-
up to 100	5000	-	A-2
up to 100	10000	-	A-3
100+			Airline**

\* - Continuous Flow \*\* - Continuous-flow or positive pressure demand

A(All classes) = Organic vapours, B AUS or B1 = Acid gasses, B2 = Acid gas or hydrogen cyanide(HCN), B3 = Acid gas or hydrogen cyanide(HCN), E = Sulfur dioxide(SO2), G = Agricultural chemicals, K = Ammonia(NH3), Hg = Mercury, NO = Oxides of nitrogen, MB = Methyl bromide, AX = Low boiling point organic compounds(below 65 degC)

• Cartridge respirators should never be used for emergency ingress or in areas of unknown vapour concentrations or oxygen content.

- The wearer must be warned to leave the contaminated area immediately on detecting any odours through the respirator. The odour may indicate that the mask is not functioning properly, that the vapour concentration is too high, or that the mask is not properly fitted. Because of these limitations, only restricted use of cartridge respirators is considered appropriate.
- Cartridge performance is affected by humidity. Cartridges should be changed after 2 hr of continuous use unless it is determined that the humidity is less than 75%, in which case, cartridges can be used for 4 hr. Used cartridges should be discarded daily, regardless of the length of time used

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

#### Information on basic physical and chemical properties

Appearance	Amber colored liquid with a characteristic odor; does not mix with water.		
Physical state	Liquid	Relative density (Water = 1)	0.91
Odour	Characteristic	Partition coefficient n-octanol / water	Not Available
Odour threshold	Not Available	Auto-ignition temperature (°C)	Not Available
pH (as supplied)	Not Available	Decomposition temperature (°C)	Not Available
Melting point / freezing point (°C)	Not Available	Viscosity (cSt)	Not Available
Initial boiling point and boiling range (°C)	Not Available	Molecular weight (g/mol)	Not Applicable
Flash point (°C)	>170 (SETA)	Taste	Not Available
Evaporation rate	Not Available	Explosive properties	Not Available
Flammability	Not Applicable	Oxidising properties	Not Available
Upper Explosive Limit (%)	Not Available	Surface Tension (dyn/cm or mN/m)	Not Available
Lower Explosive Limit (%)	Not Available	Volatile Component (%vol)	Not Available
Vapour pressure (kPa)	Not Available	Gas group	Not Available
Solubility in water	Immiscible	pH as a solution (1%)	Not Available
Vapour density (Air = 1)	Not Available	VOC g/L	Not Available
Heat of Combustion (kJ/g)	Not Available	Ignition Distance (cm)	Not Available
Flame Height (cm)	Not Available	Flame Duration (s)	Not Available
Enclosed Space Ignition Time Equivalent (s/m3)	Not Available	Enclosed Space Ignition Deflagration Density (g/m3)	Not Available

## **SECTION 10 Stability and reactivity**

Reactivity	See section 7
Chemical stability	Product is considered stable and hazardous polymerisation will not occur.
Possibility of hazardous reactions	See section 7
Conditions to avoid	See section 7
Incompatible materials	See section 7
Hazardous decomposition products	See section 5

#### **SECTION 11 Toxicological information**

#### Information on toxicological effects

-	•
a) Acute Toxicity	Based on available data, the classification criteria are not met.
b) Skin Irritation/Corrosion	Based on available data, the classification criteria are not met.
c) Serious Eye Damage/Irritation	Based on available data, the classification criteria are not met.

on No: <b>3.1</b>				
d) Respiratory or Skin	1			
sensitisation	Based on available data, the classification criteria are not met.			
e) Mutagenicity	Based on available data, the classification criteria are not	met.		
f) Carcinogenicity	Based on available data, the classification criteria are not met.			
g) Reproductivity	Based on available data, the classification criteria are not	met.		
h) STOT - Single Exposure	Based on available data, the classification criteria are not			
STOT - Repeated Exposure	Based on available data, the classification criteria are not	met.		
j) Aspiration Hazard	Based on available data, the classification criteria are not	met.		
Inhaled	The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using anima models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in occupational setting.			
Ingestion	The material has <b>NOT</b> been classified by EC Directives or of corroborating animal or human evidence.	The material has NOT been classified by EC Directives or other classification systems as "harmful by ingestion". This is because of the lac		
Skin Contact	The liquid may be able to be mixed with fats or oils and may degrease the skin, producing a skin reaction described as non-allergic contact dermatitis. The material is unlikely to produce an irritant dermatitis as described in EC Directives.			
Eye	Although the liquid is not thought to be an irritant (as clas discomfort characterised by tearing or conjunctival redne:	sified by EC Directives), direct contact with the eye may produce transient ss (as with windburn).		
Chronic	Long-term exposure to the product is not thought to product animal models); nevertheless exposure by all routes show	uce chronic effects adverse to the health (as classified by EC Directives using Ild be minimised as a matter of course.		
	тохісіту	IRRITATION		
GulfSea BD EP2 Grease	Not Available	Not Available		
	ΤΟΧΙΟΙΤΥ	IRRITATION		
	Dermal (rabbit) LD50: >20000 mg/kg <sup>[2]</sup>	Eye (Rodent - rabbit): 0.1mL		
calcium dinonyl naphthalenesulfonate	Inhalation (Rat) LC50: >4.5 mg/L4h <sup>[2]</sup>	Eye: adverse effect observed (irritating) <sup>[1]</sup>		
naphthalencounonate	Oral (Rat) LD50: >5000 mg/kg <sup>[2]</sup>	Skin (Rodent - rabbit): 0.5mL - Moderate		
		Skin: no adverse effect observed (not irritating) <sup>[1]</sup>		
Legend: CALCIUM DINONYL APHTHALENESULFONATE	Specified data extracted from RTECS - Register of Toxic For dinonyInaphthalenes: The chemicals exhibit a very low order of toxicity to rats of Human sensitisation study results are available for two m	Effect of chemical Substances r rabbits by the oral, inhalation, or dermal routes. embers of the category (dinonylnaphthalene sulfonic acid, calcium salt;		
	Specified data extracted from RTECS - Register of Toxic For dinonylnaphthalenes: The chemicals exhibit a very low order of toxicity to rats of Human sensitisation study results are available for two m dinonylnaphthalene sulfonic acid, barium salt). Neither is Based on the available toxicity results, dinonylnaphthaler	Effect of chemical Substances r rabbits by the oral, inhalation, or dermal routes. embers of the category (dinonylnaphthalene sulfonic acid, calcium salt; a sensitiser.		
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Genetic toxicity: The Barium analog was found to be non-mutagenic in the Ames bacterial reverse mutation assay and the mouse lymphoma test (MLA). The substance was did not cause chromosomal aberrations in human peripheral lymphocytes.

	Reproductive toxicity: DNNSA (di C8-C10, branched, C9 rich, alkylnaphtha branched, c9 rich, alkylnaphthalene sulphonate). The reliable read-across for developmental endpoints for A second OECD 422 study conducted with another a no effects on development at the highest dose in the branched, c9 rich, alkylnaphthalene sulphonate) is n *REACh Dossier No significant acute toxicological data identified in litt Linear alkyl benzene sulfonates are derived from strr irritation, sluggishness, passage of frequent watery s and intestines, depending on the concentration expo	e OECD 422 repeat dose and reprod Calcium bis( di c8-c10, branched, c analog, Barium bis( di c8-c10, branch study of 150 mg/kg/day. Together th ot a developmental toxin. erature search. ong corrosive acids. Animal testing h stools, weakness and may lead to de	duction/development study with DNNSA provides 9 rich, alkylnaphthalene sulphonate). ned, c9 rich, alkylnaphthalene sulphonate), showed nese studies show that Calcium bis( di c8-c10, nas shown they can cause skin reactions, eye eath. They may also react with surfaces of the mouth	
Acute Toxicity	×	Carcinogenicity	×	
Skin Irritation/Corrosion	X         Reproductivity         X			
Serious Eye Damage/Irritation	× STOT - Single Exposure ×			
Respiratory or Skin sensitisation	× STOT - Repeated Exposure ×			
Mutagenicity	×	Aspiration Hazard	×	
		•	t available or does not fill the criteria for classification to make classification	

#### Other information

Not Available

## **SECTION 12 Ecological information**

GulfSea BD EP2 Grease	Endpoint	Test Duration (hr)	Species	Value	Source
	Not Available	Not Available	Not Available	Not Available	Not Available
	Endpoint	Test Duration (hr)	Species	Value	Source
calcium dinonyl naphthalenesulfonate	Not Available	Not Available	Not Available	Not Available	Not Available
Legend:	Extracted fror	n 1. IUCLID Toxicity Data 2. Europe EC	HA Registered Substances - Ecotoxicologi	cal Information - Aquatic Toxicit	y 4. US EF

DO NOT discharge into sewer or waterways.

#### Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
	No Data available for all ingredients	No Data available for all ingredients
Bioaccumulative potential		
Ingredient	Bioaccumulation	
	No Data available for all ingredients	
Mobility in soil		
Ingredient	Mobility	
	No Data available for all ingredients	

#### Other adverse effects

No evidence of ozone depleting properties were found in the current literature.

#### **SECTION 13 Disposal considerations**

Product / Packaging disposal	Legislation addressing waste disposal requirements may differ by country, state and/ or territory. Each user must refer to laws operating in their area. In some areas, certain wastes must be tracked.
	A Hierarchy of Controls seems to be common - the user should investigate:
	Reduction     Reduction
	Reduction
	Recycling
	<ul> <li>Disposal (if all else fails)</li> </ul>
	This material may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. If it has been
	contaminated, it may be possible to reclaim the product by filtration, distillation or some other means. Shelf life considerations should also
	applied in making decisions of this type. Note that properties of a material may change in use, and recycling or reuse may not always be
	appropriate.
	DO NOT allow wash water from cleaning or process equipment to enter drains.
	It may be necessary to collect all wash water for treatment before disposal.
	In all cases disposal to sewer may be subject to local laws and regulations and these should be considered first.
	Where in doubt contact the responsible authority.
	<ul> <li>Recycle wherever possible or consult manufacturer for recycling options.</li> </ul>

Consult State Land Waste Authority for disposal.

Bury or incinerate residue at an approved site.
 Recycle containers if possible, or dispose of in an authorised landfill.

SECTION 14 Transport information

# Labels Required Marine Pollutant

Land transport (UN): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

#### 14.7. Maritime transport in bulk according to IMO instruments

14.7.1. Transport in bulk according to Annex II of MARPOL and the IBC code Not Applicable

#### 14.7.2. Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code

Product name	Group
calcium dinonyl naphthalenesulfonate	Not Available

#### 14.7.3. Transport in bulk in accordance with the IGC Code

Product name	Ship Type
calcium dinonyl naphthalenesulfonate	Not Available

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

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

calcium dinonyl naphthalenesulfonate is found on the following regulatory lists Not Applicable

## Additional Regulatory Information

Not Applicable

#### National Inventory Status

National Inventory	Status
Australia - AIIC / Australia Non- Industrial Use	Yes
Canada - DSL	Yes
Canada - NDSL	No (calcium dinonyl naphthalenesulfonate)
China - IECSC	Yes
Europe - EINEC / ELINCS / NLP	Yes
Japan - ENCS	Yes
Korea - KECI	Yes
New Zealand - NZIoC	Yes
Philippines - PICCS	Yes
USA - TSCA	All chemical substances in this product have been designated as TSCA Inventory 'Active'
Taiwan - TCSI	Yes
Mexico - INSQ	No (calcium dinonyl naphthalenesulfonate)
Vietnam - NCI	Yes
Russia - FBEPH	Yes
Legend:	Yes = All CAS declared ingredients are on the inventory No = One or more of the CAS listed ingredients are not on the inventory. These ingredients may be exempt or will require registration.

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

Revision Date	13/09/2023
Initial Date	09/08/2023

#### Other information

## Ingredients with multiple cas numbers

Name	CAS No
calcium dinonyl naphthalenesulfonate	57855-77-3, 86329-66-0

Version No: 3.1

#### GulfSea BD EP2 Grease

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.