

**Section 1. Identification****GHS product identifier** Tribol GR 400-2 PD**Product code** 468725-US17**SDS #** 468725**Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/  
mixture** Grease for industrial applications.  
For specific application advice see appropriate Technical Data Sheet or consult our company representative.**Manufacturer****Supplier**PT. Castrol Indonesia  
Perkantoran Hijau Arkadia, Tower G Lt.3  
Jl. TB Simatupang Kav. 88  
Jakarta 12520 - IndonesiaTel: (62-21) 78838000, Fax: (62-21) 78549165  
Layanan Konsumen:  
Castrol We Care 0807 1 932273 (Pulsa lokal)  
Carechem: 00780 3011 0293 (toll-free, access from Indonesia only)**EMERGENCY TELEPHONE  
NUMBER****Section 2. Hazards identification****GHS Classification** LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3**GHS label elements, including precautionary statements****Signal word** No signal word.**Hazard statements** H412 - Harmful to aquatic life with long lasting effects.**Precautionary statements****Prevention** P273 - Avoid release to the environment.**Response** Not applicable.**Storage** Not applicable.**Disposal** P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.**Other hazards which do not  
result in classification** Defatting to the skin.  
Note: High Pressure Applications  
Injections through the skin resulting from contact with the product at high pressure constitute a major medical emergency.  
See 'Notes to physician' under First-Aid Measures, Section 4 of this Safety Data Sheet.**Section 3. Composition/information on ingredients****Substance/mixture** Mixture

Highly refined mineral oil and additives. Thickening agent.

Ingredient name	%	CAS number
Residual oils (petroleum), hydrotreated	≥50 - ≤75	CAS: 64742-57-0
Distillates (petroleum), solvent-dewaxed heavy paraffinic	≥25 - ≤50	CAS: 64742-65-0
Distillates (petroleum), hydrotreated heavy paraffinic	≥10 - ≤25	CAS: 64742-54-7
2,6-di-tert-butyl-4-nonylphenol	≤0.3	CAS: 4306-88-1

## Section 3. Composition/information on ingredients

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

Inhalation	If inhaled, remove to fresh air. Get medical attention if symptoms occur.
Ingestion	Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Get medical attention if adverse health effects persist or are severe.
Skin contact	Wash skin thoroughly with soap and water or use recognised skin cleanser. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if symptoms occur. If skin irritation or rash occurs: Get medical advice/attention.
Eye contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Check for and remove any contact lenses. Get medical attention.
Protection of first-aiders	No action shall be taken involving any personal risk or without suitable training.

### Most important symptoms/effects, acute and delayed

See Section 11 for more detailed information on health effects and symptoms.

### Indication of immediate medical attention and special treatment needed, if necessary

Specific treatments	No specific treatment.
Notes to physician	Treatment should in general be symptomatic and directed to relieving any effects.  Note: High Pressure Applications Injections through the skin resulting from contact with the product at high pressure constitute a major medical emergency. Injuries may not appear serious at first but within a few hours tissue becomes swollen, discoloured and extremely painful with extensive subcutaneous necrosis. Surgical exploration should be undertaken without delay. Thorough and extensive debridement of the wound and underlying tissue is necessary to minimise tissue loss and prevent or limit permanent damage. Note that high pressure may force the product considerable distances along tissue planes.

## Section 5. Firefighting measures

### Extinguishing media

Suitable extinguishing media	In case of fire, use water fog, alcohol resistant foam, dry chemical or carbon dioxide extinguisher or spray.
Unsuitable extinguishing media	Do not use water jet.

### Specific hazards arising from the chemical

Hazardous thermal decomposition products	Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain. This material is harmful to aquatic life with long lasting effects.  Combustion products may include the following: metal oxide/oxides carbon oxides (CO, CO <sub>2</sub> ) (carbon monoxide, carbon dioxide)
Special protective actions for fire-fighters	No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.
Special protective equipment for fire-fighters	Fire-fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

#### **For non-emergency personnel**

Contact emergency personnel. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Provide adequate ventilation. Put on appropriate personal protective equipment. Floors may be slippery; use care to avoid falling.

#### **For emergency responders**

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

#### **Environmental precautions**

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

### Methods and material for containment and cleaning up

#### **Small spill**

Move containers from spill area. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.

#### **Large spill**

Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labelled waste container. Avoid creating dusty conditions and prevent wind dispersal. If emergency personnel are unavailable, contain spilt material. Suction or scoop the spill into appropriate disposal or recycling vessels, then cover spill area with oil absorbent. Dispose of via a licensed waste disposal contractor.

## Section 7. Handling and storage

### Precautions for safe handling

#### **Protective measures**

Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. Avoid contact of spilt material and runoff with soil and surface waterways.

#### **Advice on general occupational hygiene**

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash thoroughly after handling. Remove contaminated clothing and protective equipment before entering eating areas. Contaminated work clothing should not be allowed out of the workplace. See also Section 8 for additional information on hygiene measures.

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

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep away from heat and direct sunlight. Keep container tightly closed and sealed until ready for use. Store and use only in equipment/containers designed for use with this product. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

#### **Not suitable**

Prolonged exposure to elevated temperature

## Section 8. Exposure controls/personal protection

### Control parameters

### Occupational exposure limits

## Section 8. Exposure controls/personal protection

Ingredient name	Exposure limits
Residual oils (petroleum), hydrotreated	<b>Minister of Labor of the Republic of Indonesia (Indonesia) [oil, mineral]</b> TWA 8 hours: 5 mg/m <sup>3</sup> . Form: Mist. Issued/Revised: 4/2018. STEL 15 minutes: 10 mg/m <sup>3</sup> . Form: Mist. Issued/Revised: 4/2018.
Distillates (petroleum), solvent-dewaxed heavy paraffinic	<b>Minister of Labor of the Republic of Indonesia (Indonesia) [oil, mineral]</b> TWA 8 hours: 5 mg/m <sup>3</sup> . Form: Mist. Issued/Revised: 4/2018. STEL 15 minutes: 10 mg/m <sup>3</sup> . Form: Mist. Issued/Revised: 4/2018.
Distillates (petroleum), hydrotreated heavy paraffinic	<b>Minister of Labor of the Republic of Indonesia (Indonesia) [oil, mineral]</b> TWA 8 hours: 5 mg/m <sup>3</sup> . Form: Mist. Issued/Revised: 4/2018. STEL 15 minutes: 10 mg/m <sup>3</sup> . Form: Mist. Issued/Revised: 4/2018.

### Biological exposure indices

No exposure indices known.

### Recommended monitoring procedures

Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

### Appropriate engineering controls

All activities involving chemicals should be assessed for their risks to health, to ensure exposures are adequately controlled. Personal protective equipment should only be considered after other forms of control measures (e.g. engineering controls) have been suitably evaluated. Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained.

Your supplier of personal protective equipment should be consulted for advice on selection and appropriate standards. For further information contact your national organisation for standards.

Provide exhaust ventilation or other engineering controls to keep the relevant airborne concentrations below their respective occupational exposure limits. The final choice of protective equipment will depend upon a risk assessment. It is important to ensure that all items of personal protective equipment are compatible.

### Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

#### Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

#### Eye/face protection

Safety glasses with side shields.

#### Skin protection

##### Hand protection

Wear protective gloves if prolonged or repeated contact is likely. Wear chemical resistant gloves. Recommended: Nitrile gloves. The correct choice of protective gloves depends upon the chemicals being handled, the conditions of work and use, and the condition of the gloves (even the best chemically resistant glove will break down after repeated chemical exposures). Most gloves provide only a short time of protection before they must be discarded and replaced. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. Gloves should therefore be chosen in consultation with the supplier/manufacturer and with a full assessment of the working conditions.

## Section 8. Exposure controls/personal protection

### Skin protection

Use of protective clothing is good industrial practice.  
Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.  
Cotton or polyester/cotton overalls will only provide protection against light superficial contamination that will not soak through to the skin. Overalls should be laundered on a regular basis. When the risk of skin exposure is high (e.g. when cleaning up spillages or if there is a risk of splashing) then chemical resistant aprons and/or impervious chemical suits and boots will be required.

### Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.  
The correct choice of respiratory protection depends upon the chemicals being handled, the conditions of work and use, and the condition of the respiratory equipment. Safety procedures should be developed for each intended application. Respiratory protection equipment should therefore be chosen in consultation with the supplier/manufacturer and with a full assessment of the working conditions.

## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

#### Physical state

Grease

#### Colour

Brown.

#### Odour

Not available.

#### Odour threshold

Not available.

#### pH

Not applicable.

#### Melting point

Not available.

#### Boiling point or initial boiling point and boiling range

Not available.

#### Flash point

Open cup: 268°C (514.4°F) [Estimated. Based on Lubricants - Base Oils]

#### Evaporation rate

Not available.

#### Flammability

Not available.

#### Lower and upper explosion limit/flammability limit

Not applicable.

#### Vapour pressure

Not available.

Ingredient name	Vapour Pressure at 20°C			Vapour pressure at 50°C		
	mm Hg	kPa	Method	mm Hg	kPa	Method

#### Relative vapour density

Not applicable.

#### Density

<1000 kg/m<sup>3</sup> (<1 g/cm<sup>3</sup>) at 20°C

#### Relative density

Not available.

#### Solubility(ies)

Media	Result
water	Not soluble

#### Partition coefficient: n-octanol/water

Not applicable.

#### Auto-ignition temperature

Not applicable.

#### Decomposition temperature

Not available.

#### Viscosity

Not available.

#### Particle characteristics

##### Median particle size

Not available.

## Section 10. Stability and reactivity

<b>Reactivity</b>	No specific test data available for this product. Refer to Conditions to avoid and Incompatible materials for additional information.
<b>Chemical stability</b>	The product is stable.
<b>Possibility of hazardous reactions</b>	Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous polymerisation will not occur.
<b>Conditions to avoid</b>	Avoid all possible sources of ignition (spark or flame).
<b>Incompatible materials</b>	Reactive or incompatible with the following materials: oxidising materials.
<b>Hazardous decomposition products</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

##### **Product/ingredient name**

Distillates (petroleum), solvent-dewaxed heavy paraffinic

##### **Result**

###### **Rat - Oral - LD50**

>5000 mg/kg  
OECD 401

###### **Rat - Dermal - LD50**

>2000 mg/kg  
OECD 402

###### **Rat - Inhalation - LC50 Dusts and mists**

>5.53 mg/l [4 hours]  
OECD 403

###### **Rat - Oral - LD50**

>5000 mg/kg  
OECD 401

###### **Rabbit - Dermal - LD50**

>5000 mg/kg  
OECD 402

###### **Rat - Inhalation - LC50 Dusts and mists**

>5 mg/l [4 hours]  
OECD 403

###### **Rat - Oral - LD50**

>2000 mg/kg  
OECD 401

###### **Rat - Dermal - LD50**

>2000 mg/kg  
OECD 402

Distillates (petroleum), hydrotreated heavy paraffinic

2,6-di-tert-butyl-4-nonylphenol

#### Skin corrosion/irritation

##### **Product/ingredient name**

Distillates (petroleum), solvent-dewaxed heavy paraffinic  
Distillates (petroleum), hydrotreated heavy paraffinic  
2,6-di-tert-butyl-4-nonylphenol

##### **Result**

**Rabbit - Skin - Non-irritant to skin.**

###### **Rabbit - Skin - Mild irritant**

OECD 404

###### **Rabbit - Skin - Mild irritant**

OECD 404

#### Serious eye damage/eye irritation

##### **Product/ingredient name**

Distillates (petroleum), solvent-dewaxed heavy paraffinic  
Distillates (petroleum), hydrotreated heavy paraffinic  
2,6-di-tert-butyl-4-nonylphenol

##### **Result**

**Rabbit - Eyes - Non-irritating to the eyes.**

OECD 405

**Rabbit - Eyes - Non-irritating to the eyes.**

OECD 405

**Rabbit - Eyes - Slightly irritating to the eyes.**

OECD 405

#### Respiratory corrosion/irritation

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## Section 11. Toxicological information

Not available.

### Respiratory or skin sensitization

#### **Product/ingredient name**

Distillates (petroleum), solvent-dewaxed heavy paraffinic

Distillates (petroleum), hydrotreated heavy paraffinic

2,6-di-tert-butyl-4-nonylphenol

#### **Result**

##### **Guinea pig - skin**

OECD 406

Result: Not sensitising

##### **Guinea pig - skin**

OECD 406

Result: Not sensitising

##### **Mouse - skin**

OECD 429

Result: Sensitising

### Germ cell mutagenicity

#### **Product/ingredient name**

Distillates (petroleum), solvent-dewaxed heavy paraffinic

Distillates (petroleum), hydrotreated heavy paraffinic

2,6-di-tert-butyl-4-nonylphenol

#### **Result**

##### **In vitro - Bacteria**

OECD [Bacterial Reverse Mutation Test]

Result: Negative

##### **In vitro - Mammal - species unspecified**

OECD [In vitro Mammalian Chromosomal Aberration Test]

Result: Negative

##### **In vitro - Bacteria**

Bacterial Reverse Mutation Test

Result: Negative

##### **In vitro - Mammal - species unspecified**

In vitro Mammalian Chromosomal Aberration Test

Result: Negative

##### **In vivo - Mammal - species unspecified**

Mammalian Erythrocyte Micronucleus Test

Result: Negative

##### **In vitro - Mammal - species unspecified**

In vitro Mammalian Cell Gene Mutation Test

Result: Negative

##### **In vitro - Bacteria**

OECD 471

Result: Negative

##### **In vitro - Mammalian-Animal**

OECD 487

Result: Negative

##### **In vitro - Mammalian-Animal**

OECD 4776

Result: Negative

### Carcinogenicity

#### **Product/ingredient name**

Distillates (petroleum), solvent-dewaxed heavy paraffinic

Distillates (petroleum), hydrotreated heavy paraffinic

#### **Result**

##### **Mouse - Dermal - Unspecified**

OECD 451

Result: Negative

##### **Mouse - Dermal - Unspecified**

OECD 451

Result: Negative

### Reproductive toxicity

#### **Product/ingredient name**

#### **Result**

## Section 11. Toxicological information

Distillates (petroleum), solvent-dewaxed heavy paraffinic

**Rat - Oral**  
OECD 421  
Maternal toxicity: Negative  
Fertility effects: Negative  
Developmental: Negative

Distillates (petroleum), hydrotreated heavy paraffinic

**Rat - Oral**  
OECD 421  
Maternal toxicity: Negative  
Fertility effects: Negative  
Developmental: Negative

2,6-di-tert-butyl-4-nonylphenol

**Rat - Oral**  
OECD 422  
Maternal toxicity: Positive  
Fertility effects: Negative

### Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

Not available.

### Information on likely routes of exposure

Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.

### Potential acute health effects

#### **Eye contact**

No known significant effects or critical hazards.

#### **Inhalation**

No known significant effects or critical hazards.

#### **Skin contact**

Defatting to the skin. May cause skin dryness and irritation.

#### **Ingestion**

No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

#### **Eye contact**

No specific data.

#### **Inhalation**

No specific data.

#### **Skin contact**

Adverse symptoms may include the following:  
irritation  
dryness  
cracking

#### **Ingestion**

No specific data.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

#### **Eye contact**

Potential risk of transient stinging or redness if accidental eye contact occurs.

#### **Inhalation**

Inhalation of oil mist or vapours at elevated temperatures may cause respiratory irritation.

#### **Skin contact**

Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.

#### **Ingestion**

Ingestion of large quantities may cause nausea and diarrhoea.

### Short term exposure

#### **Potential immediate effects**

Not available.

#### **Potential delayed effects**

Not available.

### Long term exposure

#### **Potential immediate effects**

Not available.

#### **Potential delayed effects**

Not available.



## Section 11. Toxicological information

General	No known significant effects or critical hazards.
Carcinogenicity	No known significant effects or critical hazards.
Mutagenicity	No known significant effects or critical hazards.
Developmental effects	No known significant effects or critical hazards.
Fertility effects	No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

N/A

## Section 12. Ecological information

### Product/ingredient name

Distillates (petroleum), solvent-dewaxed heavy paraffinic

### Result

#### Acute - EL50

OECD 201  
Algae  
>100 mg/l [72 hours]

#### Acute - EL50

OECD 202  
Daphnia  
>10000 mg/l [48 hours]

#### Acute - LL50

OECD 203  
Fish  
>100 mg/l [96 hours]

#### Chronic - NOEL

OECD 201  
Algae  
≥100 mg/l [72 hours]

#### Chronic - NOEL

OECD 211  
Daphnia  
10 mg/l [21 days]

#### Acute - EL50

OECD 201  
Algae  
>100 mg/l [72 hours]

#### Acute - EL50

OECD 202  
Daphnia  
>10000 mg/l [48 hours]

#### Acute - LL50

OECD 203  
Fish  
>100 mg/l [96 hours]

#### Chronic - NOEL

OECD 201  
Algae  
≥100 mg/l [72 hours]

#### Chronic - NOEL

OECD 211  
Daphnia  
10 mg/l [21 days]

#### Acute - ErC50

OECD 201  
Algae  
>100 mg/l [72 hours]

#### Acute - EC50

OECD 202  
Daphnia  
0.124 mg/l [48 hours]

Distillates (petroleum), hydrotreated heavy paraffinic

2,6-di-tert-butyl-4-nonylphenol

## Section 12. Ecological information

**Acute - LC50**  
OECD 203  
Fish  
>10 mg/l [96 hours]  
**Acute - EC50**  
OECD 209  
Micro-organism  
>1000 mg/l [3 hours]  
**Chronic - EC10**  
OECD 201  
Algae  
100 mg/l [72 hours]

**Environmental effects** This material is harmful to aquatic life with long lasting effects.

### Persistence/degradability

Not expected to be rapidly degradable.

#### **Product/ingredient name**

Distillates (petroleum), solvent-dewaxed  
heavy paraffinic  
Distillates (petroleum), hydrotreated heavy  
paraffinic  
2,6-di-tert-butyl-4-nonylphenol

#### **Result**

OECD 301F  
31% [28 days] - Not readily  
OECD 301F  
31% [28 days] - Not readily  
OECD 302C  
31% [28 days]

### Bioaccumulative potential

Not available.

### Mobility in soil

#### **Soil/water partition coefficient**

Not available.

#### **Mobility**

Grease. insoluble in water.

### Other adverse effects

No known significant effects or critical hazards.

## Section 13. Disposal considerations

### Disposal methods

The generation of waste should be avoided or minimised wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	IMDG	IATA
<b>UN number</b>	Not regulated.	Not regulated.
<b>UN proper shipping name</b>	-	-
<b>Transport hazard class(es)</b>	-	-

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## Section 14. Transport information

Packing group	-	-
Environmental hazards	No.	No.
Additional information	-	-

Special precautions for user Not available.

## Section 15. Regulatory information

### Law No. 74/2001 - Banned

None of the components are listed.

### Law No. 74/2001 - Restricted

None of the components are listed.

### Ministry of Health - Law No. 472/Menkes/Per/V/1996

#### Carcinogen

None of the components are listed.

#### Corrosive

None of the components are listed.

#### Irritation

None of the components are listed.

#### Mutagen

None of the components are listed.

#### Oxidiser

None of the components are listed.

#### Poison

None of the components are listed.

#### Teratogen

None of the components are listed.

### International lists

#### National inventory

##### Australia inventory (AIIIC)

All components are listed or exempted.

##### Canada inventory status

At least one component is not listed in DSL but all such components are listed in NDSL.

##### China inventory (IECSC)

All components are listed or exempted.

##### REACH Status

The company, as identified in Section 1, sells this product in the EU in compliance with the current requirements of REACH.

##### Japan inventory (CSCL)

At least one component is not listed.

##### Philippines inventory (PICCS)

At least one component is not listed.

##### Korea inventory (KECI)

At least one component is not listed.

##### Taiwan Chemical Substances Inventory (TCSI)

All components are listed or exempted.

##### United States inventory (TSCA 8b)

All components are active or exempted.

## Section 16. Other information

### History

Date of issue/Date of revision	28 November 2025
Date of previous issue	14 September 2023
Prepared by	Product Stewardship
Key to abbreviations	ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Intermediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation [Regulation (EC) No. 1907/2006] UN = United Nations Varies = may contain one or more of the following 64741-88-4, 64741-89-5, 64741-95-3, 64741-96-4, 64742-01-4, 64742-44-5, 64742-45-6, 64742-52-5, 64742-53-6, 64742-54-7, 64742-55-8, 64742-56-9, 64742-57-0, 64742-58-1, 64742-62-7, 64742-63-8, 64742-65-0, 64742-70-7, 72623-85-9, 72623-86-0, 72623-87-1

Indicates information that has changed from previously issued version.

### Notice to reader

All reasonably practicable steps have been taken to ensure this data sheet and the health, safety and environmental information contained in it is accurate as of the date specified below. No warranty or representation, express or implied is made as to the accuracy or completeness of the data and information in this data sheet.

The data and advice given apply when the product is sold for the stated application or applications. You should not use the product other than for the stated application or applications without seeking advice from BP Group.

It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The BP Group shall not be responsible for any damage or injury resulting from use, other than the stated product use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material. Purchasers of the product for supply to a third party for use at work, have a duty to take all necessary steps to ensure that any person handling or using the product is provided with the information in this sheet. Employers have a duty to tell employees and others who may be affected of any hazards described in this sheet and of any precautions that should be taken. You can contact the BP Group to ensure that this document is the most current available. Alteration of this document is strictly prohibited.