

# SAFETY DATA SHEET



Tribol GR 100-00 PD

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

**Product identifier** Tribol GR 100-00 PD  
**SDS #** 468684  
**Code** 468684-US17

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

**Product use** Grease for industrial applications.  
For specific application advice see appropriate Technical Data Sheet or consult our company representative.

**Manufacturer** BP Lubricants USA Inc.  
1500 Valley Road  
Wayne, NJ 07470  
Telephone: +1-888-CASTROL

**Supplier** PAN AMERICAN ENERGY S.L., SUCURSAL  
ARGENTINA AV. LEANDRO N. ALEM 1180  
PISO 11 – C1001AAT  
CIUDAD AUTÓNOMA DE BUENOS AIRES.

Consultas Técnicas 0800-888-8088

**EMERGENCY HEALTH INFORMATION:** TELÉFONO PARA EMERGENCIAS (24 HORAS) CIQUIME: 0800-222-2933  
+1-800-424-9300 (CHEMTREC USA)  
+1-703-527-3887 (CHEMTREC outside the US)

### **EMERGENCY TELEPHONE NUMBER**

## SECTION 2: Hazards identification

**Classification of the substance or mixture** SKIN IRRITATION - Category 3  
SKIN SENSITIZATION - Category 1  
AQUATIC HAZARD (ACUTE) - Category 3  
AQUATIC HAZARD (LONG-TERM) - Category 3

### GHS label elements

#### Hazard pictograms



**Signal word** Warning

**Hazard statements** H316 - Causes mild skin irritation.  
H317 - May cause an allergic skin reaction.  
H412 - Harmful to aquatic life with long lasting effects.

### Precautionary statements

#### Prevention

P280 - Wear protective gloves.  
P273 - Avoid release to the environment.  
P261 - Avoid breathing dust.  
P272 - Contaminated work clothing should not be allowed out of the workplace.

#### Response

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.  
P333 + P313 - If skin irritation or rash occurs: Get medical attention.  
P362 + P364 - Take off contaminated clothing and wash it before reuse.

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## SECTION 2: Hazards identification

<b>Storage</b>	Not applicable.
<b>Disposal</b>	P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
<b>Other hazards which do not result in classification</b>	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

<b>Substance/mixture</b>	Mixture
	Highly refined base oil and additives. Thickening agent.
<b>Other means of identification</b>	Not available.

Ingredient name	%	CAS number
Distillates (petroleum), hydrotreated heavy naphthenic	≥50 - ≤75	CAS: 64742-52-5
Distillates (petroleum), solvent-dewaxed heavy paraffinic	≤10	CAS: 64742-65-0
Residual oils (petroleum), solvent-dewaxed	≤10	CAS: 64742-62-7
Distillates (petroleum), hydrotreated heavy paraffinic	≤3	CAS: 64742-54-7
Reaction product of ammonium molybdate and C12-C24-diethoxylated alkylamine (1:5-1:3)	≤3	-
2,6-di-tert-butyl-4-nonylphenol	<1	CAS: 4306-88-1

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

<b>Eye contact</b>	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.
<b>Skin contact</b>	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Wash clothing before reuse. Clean shoes thoroughly before reuse. In the event of any complaints or symptoms, avoid further exposure. Get medical attention. If skin irritation or rash occurs: Get medical advice/attention.
<b>Inhalation</b>	If inhaled, remove to fresh air. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Get medical attention if symptoms occur.
<b>Ingestion</b>	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.
<b>Protection of first-aiders</b>	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

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## SECTION 4: First aid measures

### 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

#### Notes to physician

Treatment should in general be symptomatic and directed to relieving any effects. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

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, discolored 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 minimize tissue loss and prevent or limit permanent damage. Note that high pressure may force the product considerable distances along tissue planes.

#### Specific treatments

No specific treatment.

## 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

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.

#### Hazardous thermal decomposition products

Combustion products may include the following:

metal oxide/oxides

carbon oxides (CO, CO<sub>2</sub>) (carbon monoxide, carbon dioxide)

sulfur oxides (SO, SO<sub>2</sub> etc.)

nitrogen oxides (NO, NO<sub>2</sub> etc.)

#### 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 spilled material. Provide adequate ventilation. Put on appropriate personal protective equipment. Floors may be slippery; use care to avoid falling.

#### For emergency responders

If specialized 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".

## SECTION 6: Accidental release measures

**Environmental precautions** Avoid dispersal of spilled 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 materials for containment and cleaning up

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

**Large spill** Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Avoid creating dusty conditions and prevent wind dispersal. If emergency personnel are unavailable, contain spilled 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. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container.

## SECTION 7: Handling and storage

### Precautions for safe handling

**Protective measures** Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. 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 spilled 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 unlabeled 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

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## SECTION 8: Exposure controls/personal protection

Ingredient name	Exposure limits
Distillates (petroleum), hydrotreated heavy naphthenic	<b>Ministry of Labor, Employment and Social Security. Argentina (Resolution 295,11/2003) (Argentina) [Aceite mineral]</b> TWA 8 hours: 5 mg/m <sup>3</sup> . Form: mist. Issued/Revised: 11/2003. STEL 15 minutes: 10 mg/m <sup>3</sup> . Form: mist. Issued/Revised: 11/2003.
Distillates (petroleum), solvent-dewaxed heavy paraffinic	<b>Ministry of Labor, Employment and Social Security. Argentina (Resolution 295,11/2003) (Argentina) [Aceite mineral]</b> TWA 8 hours: 5 mg/m <sup>3</sup> . Form: mist. Issued/Revised: 11/2003. STEL 15 minutes: 10 mg/m <sup>3</sup> . Form: mist. Issued/Revised: 11/2003.
Residual oils (petroleum), solvent-dewaxed	<b>Ministry of Labor, Employment and Social Security. Argentina (Resolution 295,11/2003) (Argentina) [Aceite mineral]</b> TWA 8 hours: 5 mg/m <sup>3</sup> . Form: mist. Issued/Revised: 11/2003. STEL 15 minutes: 10 mg/m <sup>3</sup> . Form: mist. Issued/Revised: 11/2003.
Distillates (petroleum), hydrotreated heavy paraffinic	<b>Ministry of Labor, Employment and Social Security. Argentina (Resolution 295,11/2003) (Argentina) [Aceite mineral]</b> TWA 8 hours: 5 mg/m <sup>3</sup> . Form: mist. Issued/Revised: 11/2003. STEL 15 minutes: 10 mg/m <sup>3</sup> . Form: mist. Issued/Revised: 11/2003.

While specific OELs for certain components may be shown in this section, other components may be present in any mist, vapor or dust produced. Therefore, the specific OELs may not be applicable to the product as a whole and are provided for guidance only.

### [Biological exposure indices](#)

No exposure indices known.

### [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](#)

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## SECTION 8: Exposure controls/personal protection

### 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. Contaminated work clothing should not be allowed out of the workplace. 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.

#### Body 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.

#### Other skin protection

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

### 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
Color	Brown. [Light]
Odor	Not available.
Odor threshold	Not available.
pH	Not applicable.
Melting point/freezing point	Not available.
Boiling point or initial boiling point and boiling range	Not available.
Flash point	Closed cup: 170°C (338°F) [Pensky-Martens]
Evaporation rate	Not available.
Flammability	Not available.
Lower and upper explosion limit/flammability limit	Not applicable.

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## SECTION 9: Physical and chemical properties

### Vapor pressure

Not available.

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

### Relative vapor density

Not applicable.

### Density

<1000 kg/m<sup>3</sup> (<1 g/cm<sup>3</sup>) at 15°C

### 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

### Reactivity

No specific test data available for this product. Refer to Conditions to avoid and Incompatible materials for additional information.

### Chemical stability

The product is stable.

### Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous polymerization will not occur.

### Conditions to avoid

Avoid all possible sources of ignition (spark or flame).

### Incompatible materials

Reactive or incompatible with the following materials: oxidizing materials.

### Hazardous decomposition products

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

Distillates (petroleum), hydrotreated heavy

###### Rat - Oral - LD50

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## SECTION 11: Toxicological information

paraffinic

>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

**Rat - Oral - LD50**

>2000 mg/kg

OECD 401

**Rat - Dermal - LD50**

>2000 mg/kg

OECD 402

Reaction product of ammonium molybdate and C12-C24-diethoxylated alkylamine (1:5-1:3)

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

### Skin corrosion/irritation

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

Distillates (petroleum), solvent-dewaxed heavy paraffinic

Distillates (petroleum), hydrotreated heavy paraffinic

Reaction product of ammonium molybdate and C12-C24-diethoxylated alkylamine (1:5-1:3)

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

#### **Result**

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

**Rabbit - Skin - Mild irritant**

OECD 404

**Rabbit - Skin - Moderate 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

Reaction product of ammonium molybdate and C12-C24-diethoxylated alkylamine (1:5-1:3)

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 - Redness of the conjunctivae**

OECD 405

Irritation score: ≥2

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

OECD 405

### Respiratory corrosion/irritation

Not available.

### Respiratory or skin sensitization

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

#### **Result**

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## SECTION 11: Toxicological information

Distillates (petroleum), solvent-dewaxed heavy paraffinic

Distillates (petroleum), hydrotreated heavy paraffinic

Reaction product of ammonium molybdate and C12-C24-diethoxylated alkylamine (1:5-1:3)

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

**Guinea pig - skin**

OECD 406

Result: Not sensitizing

**Guinea pig - skin**

OECD 406

Result: Not sensitizing

**Guinea pig - skin**

OECD 406

Result: Sensitizing

**Mouse - skin**

OECD 429

Result: Sensitizing

### 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

## SECTION 11: Toxicological information

### Reproductive toxicity

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

Distillates (petroleum), solvent-dewaxed heavy paraffinic

Distillates (petroleum), hydrotreated heavy paraffinic

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

#### **Result**

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

OECD 421

Maternal toxicity: Negative

Fertility effects: Negative

Developmental: Negative

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

OECD 421

Maternal toxicity: Negative

Fertility effects: Negative

Developmental: Negative

##### **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 the 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.

#### **Skin contact**

Causes mild skin irritation. Defatting to the skin. May cause an allergic skin reaction.

#### **Inhalation**

Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

#### **Ingestion**

Irritating to mouth, throat and stomach.

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

#### **Eye contact**

Adverse symptoms may include the following:  
pain or irritation  
watering  
redness

#### **Skin contact**

Adverse symptoms may include the following:  
irritation  
redness  
dryness  
cracking

#### **Inhalation**

No specific data.

#### **Ingestion**

No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

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## SECTION 11: Toxicological information

### 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.

### Potential chronic health effects

**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

##### Route

Not available.

## SECTION 12: Ecological information

### Toxicity

#### 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

Distillates (petroleum), hydrotreated heavy paraffinic

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## SECTION 12: Ecological information

Reaction product of ammonium molybdate and C12-C24-diethoxylated alkylamine (1:5-1:3)  
2,6-di-tert-butyl-4-nonylphenol

>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]

### Chronic - EC50

Daphnia

6.8 mg/l [48 hours]

### Acute - ErC50

OECD 201

Algae

>100 mg/l [72 hours]

### Acute - EC50

OECD 202

Daphnia

0.124 mg/l [48 hours]

### 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 and 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.

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## SECTION 12: Ecological information

### 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 minimized 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 spilled material and runoff and contact with soil, waterways, drains and sewers.

## SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA/ICAO
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-
Transport hazard class(es)	-	-	-	-
Packing group	-	-	-	-
Environmental hazards	No.	No.	No.	No.
Additional information	-	-	-	-

**Special precautions for user** Not available.

**Transport in bulk according to IMO instruments** Not available.

## SECTION 15: Regulatory information

### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### Montreal Protocol

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

#### Rotterdam Convention on Prior Informed Consent (PIC)

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## SECTION 15: Regulatory information

Not listed.

### [UNECE Aarhus Protocol on POPs and Heavy Metals](#)

Not listed.

### [Other regulations](#)

<a href="#">Australia inventory (AIC)</a>	☑ All components are listed or exempted.
<a href="#">Canada inventory</a>	At least one component is not listed in DSL but all such components are listed in NDSL.
<a href="#">China inventory (IECSC)</a>	All components are listed or exempted.
<a href="#">Japan inventory (CSCL)</a>	At least one component is not listed.
<a href="#">Korea inventory (KECI)</a>	At least one component is not listed.
<a href="#">Philippines inventory (PICCS)</a>	At least one component is not listed.
<a href="#">Taiwan Chemical Substances Inventory (TCSI)</a>	All components are listed or exempted.
<a href="#">United States inventory (TSCA 8b)</a>	All components are active or exempted.
<a href="#">REACH Status</a>	For the REACH status of this product please consult your company contact, as identified in Section 1.

## SECTION 16: Other information

### [History](#)

[Date of issue/Date of revision](#) 11/28/2025.

[Date of previous issue](#) 12/14/2021.

[Prepared by](#) Product Stewardship

### [Key to abbreviations](#)

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway  
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road  
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  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
UN = United Nations  
VOC = Volatile Organic Compound  
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](#)

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## **SECTION 16: Other information**

*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.*