

# SAFETY DATA SHEET



## Section 1. Identification

**Product name** Tribol GR 400-2 PD  
**SDS #** 468725  
**Code** 468725-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.

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

**EMERGENCY HEALTH INFORMATION:** +1-800-447-8735

**EMERGENCY SPILL INFORMATION:** +1-800-424-9300 (CHEMTREC USA)  
+1-703-527-3887 (CHEMTREC outside the US)

## Section 2. Hazards identification

**OSHA/HCS status** This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).  
**Classification of the substance or mixture** SKIN SENSITIZATION - Category 1

### GHS label elements Hazard pictograms



**Signal word** Warning  
**Hazard statements** May cause an allergic skin reaction.  
**Precautionary statements**

**Prevention** Wear protective gloves. Avoid breathing dust. Contaminated work clothing must not be allowed out of the workplace.

**Response** IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical attention. Wash contaminated clothing before reuse.

**Storage** Not applicable.

**Disposal** Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Hazards not otherwise classified** 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
Reaction product of ammonium molybdate and C12-C24-diethoxylated alkylamine (1:5-1:3)	<1	-
isodecyl diphenyl phosphite	<1	CAS: 26544-23-0

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 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. 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.

### 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

<b>Notes to physician</b>	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, 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.
<b>Specific treatments</b>	No specific treatment.

## Section 5. Fire-fighting 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 combustion products** 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 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".

### **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).

### 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.

#### **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.

## Section 7. Handling and storage

<b>Conditions for safe storage, including any incompatibilities</b>	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.
<b>Not suitable</b>	Prolonged exposure to elevated temperature

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
Residual oils (petroleum), hydrotreated	<b>OSHA PEL (United States) [Oil mist, mineral]</b> TWA 8 hours: 5 mg/m <sup>3</sup> . Issued/Revised: 6/1993. <b>ACGIH TLV (United States) [Mineral Oil, pure, highly and severely refined]</b> A4. TWA 8 hours: 5 mg/m <sup>3</sup> . Form: Inhalable fraction. Issued/Revised: 11/2009.
Distillates (petroleum), solvent-dewaxed heavy paraffinic	<b>OSHA PEL (United States) [Oil mist, mineral]</b> TWA 8 hours: 5 mg/m <sup>3</sup> . Issued/Revised: 6/1993. <b>ACGIH TLV (United States) [Mineral Oil, pure, highly and severely refined]</b> A4. TWA 8 hours: 5 mg/m <sup>3</sup> . Form: Inhalable fraction. Issued/Revised: 11/2009.
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Reaction product of ammonium molybdate and C12-C24-diethoxylated alkylamine (1:5-1:3) isodecyl diphenyl phosphite	None. None.

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.

## Section 8. Exposure controls/personal protection

<b>Environmental exposure controls</b>	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.
<b><u>Individual protection measures</u></b>	
<b>Hygiene measures</b>	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.
<b>Eye/face protection</b>	Safety glasses with side shields.
<b>Skin protection</b>	
<b>Hand protection</b>	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.
<b>Body protection</b>	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.
<b>Other skin protection</b>	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.
<b>Respiratory protection</b>	<input checked="" type="checkbox"/> 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

<b>Physical state</b>	Grease
<b>Color</b>	Brown.
<b>Odor</b>	Not available.
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not applicable.
<b>Melting point/freezing point</b>	Not available.
<b>Boiling point or initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	Open cup: 268°C (514.4°F) [Estimated. Based on Lubricants - Base Oils]
<b>Evaporation rate</b>	Not available.
<b>Flammability</b>	Not available.

## Section 9. Physical and chemical properties

Lower and upper explosion limit/flammability limit	Not applicable.																				
Vapor pressure	Not available.																				
	<table><thead><tr><th rowspan="2">Ingredient name</th><th colspan="3">Vapor Pressure at 20°C</th><th colspan="3">Vapor pressure at 50°C</th></tr><tr><th>mm Hg</th><th>kPa</th><th>Method</th><th>mm Hg</th><th>kPa</th><th>Method</th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>	Ingredient name	Vapor Pressure at 20°C			Vapor pressure at 50°C			mm Hg	kPa	Method	mm Hg	kPa	Method							
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 20°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 paraffinic

Rat - Oral - LD50

>5000 mg/kg  
OECD 401

## Section 11. Toxicological information

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

isodecyl diphenyl phosphite

### 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 - LC50

3840 mg/kg  
OECD 401

### Rabbit - Dermal - LC50

>5000 mg/kg  
OECD 402

### Rat - Inhalation - LC50 Vapor

>8.4 mg/l [4 hours]  
OECD 403

### 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)

isodecyl diphenyl phosphite

#### Result

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

**Rabbit - Skin - Mild irritant**

OECD 404

**Rabbit - Skin - Moderate irritant**

OECD 404

**Rabbit - Skin - Slightly irritating to the skin.**

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)

isodecyl diphenyl phosphite

#### 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.**

ASTM

### Respiratory corrosion/irritation

Not available.

### Respiratory or skin sensitization

#### Product/ingredient name

#### Result

## Section 11. Toxicological information

Distillates (petroleum), solvent-dewaxed heavy paraffinic	<b>Guinea pig - skin</b> OECD 406 <u>Result:</u> Not sensitizing
Distillates (petroleum), hydrotreated heavy paraffinic	<b>Guinea pig - skin</b> OECD 406 <u>Result:</u> Not sensitizing
Reaction product of ammonium molybdate and C12-C24-diethoxylated alkylamine (1:5-1:3) isodecyl diphenyl phosphite	<b>Guinea pig - skin</b> OECD 406 <u>Result:</u> Sensitizing <b>Guinea pig - skin</b> OECD 406 <u>Result:</u> Sensitizing

### Germ cell mutagenicity

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

Distillates (petroleum), solvent-dewaxed heavy paraffinic

#### **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 vivo - Mammalian-Animal**

OECD 474

Result: Negative

isodecyl diphenyl phosphite

### Carcinogenicity

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

Distillates (petroleum), solvent-dewaxed heavy paraffinic

#### **Result**

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

OECD 451

Result: Negative

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

OECD 451

Result: Negative

Distillates (petroleum), hydrotreated heavy paraffinic

Not available.

## Section 11. Toxicological information

### Reproductive toxicity

Product/ingredient name	Result
Distillates (petroleum), solvent-dewaxed heavy paraffinic	<b>Rat - Oral</b> OECD 421 <u>Maternal toxicity</u> : Negative <u>Fertility effects</u> : Negative <u>Developmental</u> : Negative
Distillates (petroleum), hydrotreated heavy paraffinic	<b>Rat - Oral</b> OECD 421 <u>Maternal toxicity</u> : Negative <u>Fertility effects</u> : Negative <u>Developmental</u> : Negative
isodecyl diphenyl phosphite	<b>Rat - Oral</b> OECD 422 <u>Maternal toxicity</u> : Negative <u>Fertility effects</u> : Negative <u>Developmental</u> : Negative

### Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)

Product/ingredient name	Result
Isodecyl diphenyl phosphite	SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2

### Aspiration hazard

Not available.

### Information on the likely routes of exposure

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

### Potential acute health effects

<b>Eye contact</b>	No known significant effects or critical hazards.
<b>Inhalation</b>	No known significant effects or critical hazards.
<b>Skin contact</b>	May cause an allergic skin reaction.
<b>Ingestion</b>	No known significant effects or critical hazards.

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

<b>Eye contact</b>	No specific data.
<b>Inhalation</b>	No specific data.
<b>Skin contact</b>	Adverse symptoms may include the following: irritation redness dryness cracking
<b>Ingestion</b>	No specific data.

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

#### **Short term exposure**

<b>Potential immediate effects</b>	Not available.
<b>Potential delayed effects</b>	Not available.
<b>Long term exposure</b>	

## Section 11. Toxicological information

**Potential immediate effects** Not available.

**Potential delayed effects** Not available.

### Potential chronic health effects

Not available.

**Conclusion/Summary [Product]** Not available.

**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

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
Isodecyl diphenyl phosphite	2500	N/A	N/A	N/A	N/A

## Section 12. Ecological information

### Toxicity

No testing has been performed by the manufacturer.

#### Product/ingredient name

#### Result

Distillates (petroleum), solvent-dewaxed heavy paraffinic

**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]

Distillates (petroleum), hydrotreated heavy paraffinic

## Section 12. Ecological information

Reaction product of ammonium molybdate and C12-C24-diethoxylated alkylamine (1:5-1:3) isodecyl diphenyl phosphite	<b>Acute - LL50</b> OECD 203 Fish >100 mg/l [96 hours] <b>Chronic - NOEL</b> OECD 201 Algae ≥100 mg/l [72 hours] <b>Chronic - NOEL</b> OECD 211 Daphnia 10 mg/l [21 days] <b>Chronic - EC50</b> Daphnia 6.8 mg/l [48 hours] <b>Acute - EC50</b> OECD 201 Algae 1.6 mg/l [72 hours] <b>Acute - EC50</b> OECD 202 Daphnia 1 to 5 mg/l [48 hours] <b>Acute - LC50</b> OECD 203 Fish >16 mg/l [96 hours] <b>Acute - EC50</b> OECD 209 Micro-organism >100 mg/l [3 hours]
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### Persistence and degradability

Not expected to be rapidly degradable.

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

Distillates (petroleum), solvent-dewaxed heavy paraffinic  
Distillates (petroleum), hydrotreated heavy paraffinic  
isodecyl diphenyl phosphite

#### **Result**

OECD 301F  
31% [28 days] - Not readily  
OECD 301F  
31% [28 days] - Not readily  
17% [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 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

	DOT Classification	TDG Classification	IMDG	IATA
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

### U.S. Federal regulations

**United States inventory (TSCA 8b)** All components are active or exempted.

**TSCA 5(a)2 proposed significant new use rules:** 4-nonylphenol, branched

### TSCA 12(b) - Chemical export notification

Not applicable.

### SARA 302/304

#### Composition/information on ingredients

No products were found.

### SARA 311/312

**Classification** SKIN SENSITIZATION - Category 1

### SARA 313

**Form R - Reporting requirements** This product does not contain any hazardous ingredients at or above regulated thresholds.

**Supplier notification** This product does not contain any hazardous ingredients at or above regulated thresholds.

## Section 15. Regulatory information

### State regulations

<b>Massachusetts</b>	The following components are listed: OIL MIST, MINERAL; OIL MIST, MINERAL
<b>New Jersey</b>	None of the components are listed.
<b>Pennsylvania</b>	None of the components are listed.
<b>California Prop. 65</b>	

This product does not require a Safe Harbor warning under California Prop. 65.

### Other regulations

<b>Australia inventory (AIIC)</b>	All components are listed or exempted.
<b>Canada inventory</b>	At least one component is not listed in DSL but all such components are listed in NDSL.
<b>China inventory (IECSC)</b>	All components are listed or exempted.
<b>Japan inventory (CSCL)</b>	At least one component is not listed.
<b>Korea inventory (KECI)</b>	At least one component is not listed.
<b>Philippines inventory (PICCS)</b>	At least one component is not listed.
<b>Taiwan Chemical Substances Inventory (TCSI)</b>	All components are listed or exempted.
<b>REACH Status</b>	The company, as identified in Section 1, sells this product in the EU in compliance with the current requirements of REACH.

## Section 16. Other information

### National Fire Protection Association (U.S.A.)



### History

<b>Date of issue/Date of revision</b>	11/28/2025.
<b>Date of previous issue</b>	12/19/2023.
<b>Prepared by</b>	Product Stewardship
<b>Key to abbreviations</b>	<p>ACGIH = American Conference of Industrial Hygienists ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor CAS Number = Chemical Abstracts Service Registry Number 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) OEL = Occupational Exposure Limit SDS = Safety Data Sheet STEL = Short term exposure limit TWA = Time weighted average UN = United Nations UN Number = United Nations Number, a four digit number assigned by the United Nations Committee of Experts on the Transport of Dangerous Goods. 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</p>

☒ Indicates information that has changed from previously issued version.

### Notice to reader

<b>Product name</b>	Tribol GR 400-2 PD	<b>Product code</b>	468725-US17	<b>Page:</b> 13/14
<b>Version</b>	1.04	<b>Date of issue</b>	11/28/2025.	<b>Format</b> US

**Language** ENGLISH

## Section 16. Other information

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