

In accordance with the Standard for Classification and Labeling of Chemical Substance and Safety Data Sheet,
Article 10 Paragraph 1

Section 1. Chemical product and company identification

- A. Product name** Castrol High Temperature Grease
Product code 467200-SG01
SDS # 467200
- B. 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.
Identified uses
Not applicable.
Uses advised against
Not applicable.
- C. Manufacturer**
Supplier BP Korea Ltd.
19F., 302, Teheran-ro, Gangnam-gu, Seoul, 06210
Republic of Korea

Tel: +82 -1577-1904
Carechem: +65 3158 1074 (24/7)
- EMERGENCY
TELEPHONE NUMBER**

Section 2. Hazards identification

- A. Hazard classification** Not classified.
This product was evaluated in accordance with the Industrial Safety and Health Act
and the Chemical Control Act, and determined to be 'not classified'.
- B. GHS label elements, including precautionary statements**
Signal word No signal word.
Hazard statements No known significant effects or critical hazards.
Precautionary statements
Prevention Not applicable.
Response Not applicable.
Storage Not applicable.
Disposal Not applicable.

Section 2. Hazards identification

C. 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
Other means of identification Not available.

Highly refined base oil (IP 346 DMSO extract < 3%). Thickening agent. Proprietary performance additives.

Hazardous ingredients

Ingredient name	Synonym	CAS number	%
Distillates (petroleum), solvent-dewaxed heavy paraffinic	Baseoil - unspecified; Distillates, petroleum, solvent dewaxed heavy paraffinic; Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic; Paraffin oil; Distillates, petroleum, solvent-dewaxed heavy paraffinic; Distillate (Pet.) solvent-dewaxed heavy paraffinic; SOLVENT REFINED PARAFFINIC MINERAL OIL; OILS, PARAFFINIC, HEAVY, SOLVENT DEWAXED; Solvent dewaxed heavy paraffinic petroleum oil; PARAFFINIC PETROLEUM DISTILLATES; Distillates (petroleum), solvent-dewaxed heavy paraffinic,	64742-65-0	42.6
Residual oils (petroleum), solvent refined	Baseoil - unspecified; Residual oils (petroleum), solvent-refined; Residual oils, petroleum, solvent, refined; Residual oils, petroleum, solvent-refined; OILS, SOLVENT REFINED RESIDUAL (PETROLEUM); RESIDUAL OILS (PETROLEUM) SOLVENT REFINED; Residual oils (petroleum,) solvent-refined,	64742-01-4	34.3
Distillates (petroleum), hydrotreated heavy naphthenic	Baseoil - unspecified; Distillates, petroleum, hydrotreated heavy	64742-52-5	9

Section 3. Composition/information on ingredients

	naphthenic; Hydrotreated heavy naphthenic distillate, solvent extract, petroleum; Mineral oil, petroleum distillates, hydrotreated heavy naphthenic; Mineral oil, petroleum distillates, hydrotreated (severe) heavy naphthenic; Distillates (petroleum), hydro-treated heavy naphthenic; Hydrotreated heavy naphthenic distillate solvent extract (petroleum); OILS, MINERAL, HEAVY NAPHTHENIC, HYDROTREATED; OILS, NAPHTHENIC, HYDROGENATED; SEVERELY SOLVENT REFINED HEAVY PARAFFINIC DISTILLATES; HYDROTREATED LIGHT PETROLEUM DISTILLATE		
dilithium sebacate	dilithium(1+) decanedioate; Decane dioic, dilithium salts; DECANEDIOATE, DILITHIUM; Decanedioic acid, dilithium salt	19370-86-6	2.3
4,4'-methylene bis(dibutyldithiocarbamate)	Carbamodithioic acid, N,N-dibutyl-, C,C'-methylene ester; Carbamodithioic acid, dibutyl-, methylene ester; Bis(di-n-butylthiocarbamoylthio) methane; methylene bis(dibutyldithiocarbamate); Methylene bis(N,N-dibutyldithiocarbamate); Dibutylcarbamodithioic acid methylene ester; BIS (DIBUTYLDITHIOCARBAMATE), S,S'-METHYLENE-; METHYLENEBIS(DI-N-BUTYL-DITHIOCARBAMATE)	10254-57-6	1.8

Non-hazardous ingredients

Ingredient name	Synonym	CAS number	%
Trade secret.	Trade secret.	Trade secret.	9.4
Trade secret.	Trade secret.	Trade secret.	0.3
Trade secret.	Trade secret.	Trade secret.	0.18 - 0.1999
Trade secret.	Trade secret.	Trade secret.	0.1
Trade secret.	Trade secret.	Trade secret.	0.1

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

- A. 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.
- B. 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.
- C. Inhalation** 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.
- D. Ingestion** Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
- E. 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, 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.
- Specific treatments** No specific treatment.
- Protection of first-aiders** No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

Section 5. Firefighting measures

- A. Extinguishing media**
- Suitable** In case of fire, use water fog, alcohol resistant foam, dry chemical or carbon dioxide extinguisher or spray.
- Not suitable** Do not use water jet.
- B. Specific hazards arising from the chemical** No specific fire or explosion hazard.

Section 5. Firefighting measures

Hazardous thermal decomposition products

Combustion products may include the following:
metal oxide/oxides
carbon oxides (CO, CO₂) (carbon monoxide, carbon dioxide)
sulphur oxides (SO, SO₂, etc.)
nitrogen oxides (NO, NO₂ etc.)

C. Special protective equipment for fire-fighters

Fire-fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

Special precautions 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.

Section 6. Accidental release measures

A. Personal precautions, protective equipment and emergency procedures

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. Put on appropriate personal protective equipment. Floors may be slippery; use care to avoid falling.

B. 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).

C. 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).

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

A. Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
Distillates (petroleum), solvent-dewaxed heavy paraffinic	ACGIH TLV (United States) [Mineral Oil, pure, highly and severely refined] A4. TWA 8 hours: 5 mg/m ³ . Form: Inhalable fraction. Issued/Revised: 11/2009.
Residual oils (petroleum), solvent refined	ACGIH TLV (United States) [Mineral Oil, pure, highly and severely refined] A4. TWA 8 hours: 5 mg/m ³ . Form: Inhalable fraction. Issued/Revised: 11/2009.
Distillates (petroleum), hydrotreated heavy naphthenic	ACGIH TLV (United States) [Mineral Oil, pure, highly and severely refined] A4. TWA 8 hours: 5 mg/m ³ . Form: Inhalable fraction. Issued/Revised: 11/2009.

Biological exposure indices

No exposure indices known.

B. 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.

C. Personal protective equipment

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.

Eye protection

Safety glasses with side shields.

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

Section 8. Exposure controls/personal protection

consultation with the supplier/manufacturer and with a full assessment of the working conditions.

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.

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.

Section 9. Physical and chemical properties

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

A. Appearance

Physical state

Solid. [Grease]

Colour

Amber.

B. Odour

Characteristic.

C. Odour threshold

Not available.

D. pH

Not applicable.

E. Melting/freezing point

Not available.

F. Boiling point or initial boiling point and boiling range

Not available.

G. Flash point

Closed cup: >200°C (>392°F) [Pensky-Martens ASTM D 93]

H. Evaporation rate

Not available.

I. Flammability (solid, gas)

Not available.

J. Lower and upper explosive (flammable) limits

Not applicable.

K. Vapour pressure

Not available.

L. Solubility(ies)

Media	Result
water	Not soluble

M. Vapour density

Not applicable.

N. Relative density

Not available.

Not available.

O. Partition coefficient: n-octanol/water

Not applicable.

P. Auto-ignition temperature

>300°C (>572°F)

Q. Decomposition temperature

Not available.

Section 9. Physical and chemical properties

R. Viscosity Not available.

Particle characteristics

Median particle size Not available.

Section 10. Stability and reactivity

- A. **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 polymerisation will not occur.
- B. **Conditions to avoid** No specific data.
- C. **Incompatible materials** No specific data.
- D. **Hazardous decomposition products** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

A. Information on likely routes of exposure

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

Potential acute health effects

- Inhalation** Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
- Ingestion** No known significant effects or critical hazards.
- Skin contact** Defatting to the skin. May cause skin dryness and irritation.
- Eye contact** No known significant effects or critical hazards.

Over-exposure signs/symptoms

- Inhalation** No specific data.
- Ingestion** No specific data.
- Skin contact** Adverse symptoms may include the following:
irritation
dryness
cracking
- Eye contact** No specific data.

B. Health hazards

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

4,4'-methylene bis(dibutylthiocarbamate)

Rat - Oral - LD50

Section 11. Toxicological information

>5000 mg/kg

OECD 401

Rabbit - Dermal - LD50

>2000 mg/kg

OECD 402

Skin corrosion/irritation

Product/ingredient name

Distillates (petroleum), solvent-dewaxed
heavy paraffinic
4,4'-methylene bis(dibutyldithiocarbamate)

Result

Rabbit - Skin - Non-irritant to skin.

Rabbit - Skin - Not irritant

OECD 404

Serious eye damage/eye irritation

Product/ingredient name

Distillates (petroleum), solvent-dewaxed
heavy paraffinic
4,4'-methylene bis(dibutyldithiocarbamate)

Result

Rabbit - Eyes - Non-irritating to the eyes.

OECD 405

Rabbit - Eyes - Not irritant

OECD 405

Respiratory corrosion/irritation

Not available.

Respiratory or skin sensitization

Product/ingredient name

Distillates (petroleum), solvent-dewaxed
heavy paraffinic

4,4'-methylene bis(dibutyldithiocarbamate)

Result

Guinea pig - skin

OECD 406

Result: Not sensitising

Mouse - skin

OECD 429

Result: Not sensitising

CMR - ISHA Article 42 Occupational Exposure Limits

Not available.

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

4,4'-methylene bis(dibutyldithiocarbamate)

Section 11. Toxicological information

OECD 471
Result: Negative
In vitro - Mammalian-Animal
OECD 473
Result: Negative
In vitro - Mammalian-Animal
OECD 476
Result: Negative

Carcinogenicity

Product/ingredient name

Distillates (petroleum), solvent-dewaxed heavy paraffinic

Result

Mouse - Dermal - Unspecified
OECD 451
Result: Negative

Classification

Product/ingredient name	OSHA	IARC	NTP	ACGIH
Distillates (petroleum), solvent-dewaxed heavy paraffinic	-	-	-	A4
Residual oils (petroleum), solvent refined	-	-	-	A4
Distillates (petroleum), hydrotreated heavy naphthenic	-	-	-	A4

Reproductive toxicity

Product/ingredient name

Distillates (petroleum), solvent-dewaxed heavy paraffinic

Result

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

4,4'-methylene bis(dibutyldithiocarbamate)

Rat - Oral
OECD 422
Maternal toxicity: Negative
Fertility effects: Negative
Developmental: Negative

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Potential chronic health effects

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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 (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
Castrol High Temperature Grease (R09215A) - Parent (DIS)	21760.9	N/A	N/A	N/A	N/A
dilithium sebacate	500	N/A	N/A	N/A	N/A

Section 12. Ecological information

A. Ecotoxicity

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]

4,4'-methylene bis(dibutyldithiocarbamate)

Acute - ErC50

OECD 201
Algae
>0.0325 mg/l [72 hours]

Acute - EC50

Section 12. Ecological information

OECD 202
Daphnia
>0.052 mg/l [48 hours]
Acute - EL50
OECD 203
Fish
>0.06 mg/l [96 hours]
Chronic - NOEC
OECD 211
Daphnia
0.247 mg/l [21 days]
Chronic - NOEC
OECD 201
Algae
0.0325 mg/l [72 hours]

Other ecological information

This product is unlikely to disperse in water.

B. Persistence and degradability

Product/ingredient name

Distillates (petroleum), solvent-dewaxed heavy paraffinic
4,4'-methylene bis(dibutyldithiocarbamate)

Result

OECD 301F
31% [28 days] - Not readily
OECD 301B
21% [28 days] - Not readily

C. Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
4,4'-methylene bis (dibutyldithiocarbamate)	8.42	10.86	Low

Bioaccumulative potential

This product is not expected to bioaccumulate through food chains in the environment.

D. Mobility in soil

Soil/water partition coefficient

Not available.

Mobility

Spillages are unlikely to penetrate the soil.

E. Other adverse effects

No known significant effects or critical hazards.

Section 13. Disposal considerations

A. Disposal methods

The generation of waste should be avoided or minimised wherever possible. 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. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Section 13. Disposal considerations

B. Disposal precautions

This material and its container must be disposed of in a safe way. 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

	IMDG	IATA
A. UN number	Not regulated.	Not regulated.
B. UN proper shipping name	-	-
C. Transport hazard class(es)	-	-
D. Packing group	-	-
E. Environmental hazards	No.	No.
F. Additional information	-	-

Special precautions for user Not available.

Section 15. Regulatory information

A. Regulation according to ISHA

ISHA article 117 (Harmful substances prohibited from manufacture) None of the components are listed.

ISHA article 118 (Harmful substances requiring permission) None of the components are listed.

Article 2 of Youth Protection Act on Substances Hazardous to Youth Not applicable.

Exposure Limits of Chemical Substances and Physical Factors

The following components have an OEL:
Distillates (petroleum), solvent-dewaxed heavy paraffinic
Residual oils (petroleum), solvent refined
Distillates (petroleum), hydrotreated heavy naphthenic

ISHA Enforcement Regs Annex 19 (Exposure standards established for harmful factors) None of the components are listed.

Section 15. Regulatory information

ISHA Enforcement Regs Annex 21 (Harmful factors subject to Work Environment Measurement) None of the components are listed.

ISHA Enforcement Regs Annex 22 (Harmful Factors Subject to Special Health Check-up) Not applicable

Standard of Industrial Safety and Health Annex 12 (Hazardous substances subject to control) None of the components are listed.

B. Regulation according to Chemicals Control Act

Article 11 (TRI) None of the components are listed.

Article 18 Prohibited (K-Reach Article 27) None of the components are listed.

Article 19 Candidate substances subject to authorization (K-Reach Article 25) None of the components are listed.

Article 19 Subject to authorization (K-Reach Article 25) None of the components are listed.

Article 20 Toxic Chemicals (K-Reach Article 20) Not applicable

Article 20 Restricted (K-Reach Article 27) None of the components are listed.

Article 39 (Accident Precaution Chemicals)

Not listed.

MoE 2021-51 - Regulations on the quantity of toxic substances, restricted substances, prohibited substances and permitted substances

Ingredient name	Higher regulated quantity	Lower regulated quantity
maleic anhydride	-	40 tonnes

Existing Chemical Substances Subject to Registration None of the components are listed.

C. Dangerous Materials Safety Management Act Not regulated.

D. Wastes regulation Dispose of contents and container in accordance with all local, regional, national and international regulations.

E. Regulation according to other foreign laws

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Section 15. Regulatory information

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

Regulation according to other foreign laws

Australia inventory (AIC)	All components are listed or exempted.
Canada inventory	All components are listed or exempted.
China inventory (IECSC)	All components are listed or exempted.
REACH Status	For the REACH status of this product please consult your company contact, as identified in Section 1.
Japan inventory (CSCL)	At least one component is not listed.
Korea inventory (KECI)	At least one component is not listed.
Philippines inventory (PICCS)	All components are listed or exempted.
Taiwan inventory (TCSI)	All components are listed or exempted.
United States inventory (TSCA 8b)	All components are active or exempted.

Section 16. Other information

A. References	- Registry of Toxic Effects of Chemical Substances - United States Environmental Protection Agency ECOTOX
B. Date first prepared	26/04/2012
C. Date of issue/Date of revision	10/1/2025
D. Version	4.01
Date of printing	10/1/2025
	Product Stewardship

E. Other

✔ Indicates information that has changed from previously issued version.

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
IMO = International Maritime Organization
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)
N/A = Not available
SGG = Segregation Group
UN = United Nations

Notice to reader

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.