Report No.: MND250878QD_EU(En)
Nomination No.: GZP25-017477-01

Safety Data Sheet（SDS）

Product Name：UNDERBODY SPRAY

Report Version：Prepared according to EU regulation No. 2020/878

Application Company Name：Simply Brands (Asia) Limited

Application Company Address：Unit 04-05, 16th Floor, The Broadway No. 54-62 Lockhart Road, Wanchai, Hong Kong

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Inspection Date：*2025/06/24*

SGS-CSTC Standards Technical Services(Qingdao) Co.,Ltd

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2025-07-02

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Safety Data Sheet

UNDERBODY SPRAY

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***Prepared in accordance with EU REACH Regulation (EU regulation No. 2020/878)**

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

1.1 Product identifier

Product Name	UNDERBODY SPRAY
Product Model	500ml
CAS No.	Not applicable
EC No.	Not applicable
Molecular Formula	Not applicable
REACH Registration Number	-
UFI	GNJ1-P7ED-KA20-RXAV

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

Relevant identified uses	Used for car care.
Uses advised against	Please consult manufacturer.

1.3 Details of the supplier of the Safety Data Sheet

Applicant Name	Simply Brands (Asia) Limited
Applicant Address	Unit 04-05, 16th Floor, The Broadway No. 54-62 Lockhart Road, Wanchai, Hong Kong
Applicant Post Code	——
Applicant Telephone	+44(0) 20 8720 6933
Applicant Fax	——
Applicant E-mail	ollie@simply-brands.com
Supplier Name	Simply Brands (Asia) Limited
Supplier Address	Unit 04-05, 16th Floor, The Broadway No. 54-62 Lockhart Road, Wanchai, Hong Kong
Supplier Post Code	——
Supplier Telephone	+44(0) 20 8720 6933
Supplier Fax	——
Supplier E-mail	ollie@simply-brands.com

1.4 Emergency telephone number

Emergency telephone number	+44(0) 20 8720 6933
Opening hours	24h

2 Hazards identification

2.1 CLP classification according to Regulation（EC）No. 1272/2008

Aerosols	Category 1
Skin Corrosion/Irritation	Category 2
Serious eye damage/irritation	Category 1
Specific target organ toxicity - single exposure; respiratory tract irritation	Category 3
Germ Cell Mutagenicity	Category 1B
Carcinogenicity	Category 1A

2.2 Label elements

Hazard pictograms	
Signal word	**Danger**

Hazard statements

H222+H229	Extremely flammable aerosol; Pressurized container: May burst if heated
H315	Causes skin irritation
H318	Causes serious eye damage
H335	May cause respiratory irritation
H340	May cause genetic defects
H350	May cause cancer

Precautionary statements

◆ Prevention

P201	Obtain special instructionsbefore use.
P202	Do not handle until allsafety precautions havebeen read and understood.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P261	Avoid breathing gas.
P264	Wash hands and other parts of the body (if related) thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

◆ Response

P310	Immediately call a POISON CENTER/doctor.
P321	Specific treatment (see related instructions on the label).
P302+P352	IF ON SKIN: Wash with plenty of water.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.

P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

◆ Storage

P405	Store locked up.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

◆ Disposal

P501	Dispose of contents/container in accordance with local/regional/national/ international regulations.

2.3 Other hazards

◆ Results of PBT and vPvB assessment

Component	Results of PBT and vPvB assessment [according to (EC) No 1907/2006]
Liquefied petroleum ges	Not PBT/vPvB
Xylene	Not PBT/vPvB
Poly(acrylic acid)	Insufficient information, temporarily unable to evaluate
DI(PROPYLENE GLYCOL) BUTYL ETHER	Not PBT/vPvB
Mica	Insufficient information, temporarily unable to evaluate
Talc	Not PBT/vPvB
Dichloromethane	Not PBT/vPvB
Bentonite	Insufficient information, temporarily unable to evaluate
Carbon black	Not PBT/vPvB

◆ Results of endocrine disrupting properties assessment

Component	Results of endocrine disrupting properties assessment [according to (EU) No 2017/2100 or (EU) No 2018/605]
Liquefied petroleum ges	Insufficient information, temporarily unable to evaluate
Xylene	Insufficient information, temporarily unable to evaluate
Poly(acrylic acid)	Insufficient information, temporarily unable to evaluate
DI(PROPYLENE GLYCOL) BUTYL ETHER	Insufficient information, temporarily unable to evaluate
Mica	Insufficient information, temporarily unable to evaluate
Talc	Insufficient information, temporarily unable to evaluate
Dichloromethane	Insufficient information, temporarily unable to evaluate
Bentonite	Insufficient information, temporarily unable to evaluate
Carbon black	Insufficient information, temporarily unable to evaluate

◆ Other

	Not applicable.

3 Composition/information on ingredients

3.1 Substance/mixture

	Mixture

Component	Weight % content(or range)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific Conc. Limits, M-factors
Liquefied petroleum ges CAS：68476-85-7 EC：270-704-2 Index No.：649-202-00-6	20~30	Gases Under Pressure，Compressed gas，H280；Flammable gases，Category 1A，Flammable Gas，H220；Germ Cell Mutagenicity，Category 1，H340；Carcinogenicity，Category 1，H350	-
Xylene CAS：1330-20-7 EC：215-535-7 Index No.：601-022-00-9	10~20	Flammable Liquids，Category 3，H226；Acute Toxicity - Dermal，Category 4，H312；Skin Corrosion/Irritation，Category 2，H315；Acute Toxicity - Inhalation，Category 4，H332	-
Poly(acrylic acid) CAS：9003-01-4 EC：618-347-7 Index No.：-	10~20	Acute Toxicity - Oral，Category 4，H302；Serious eye damage/irritation，Category 1，H318；Specific target organ toxicity - single exposure; respiratory tract irritation，Category 3，H335；Hazardous To The Aquatic Environment - Long-Term (Chronic) Hazard，Category 3，H412	M=1
DI(PROPYLENE GLYCOL) BUTYL ETHER CAS：29911-28-2 EC：249-951-5 Index No.：-	10~15	Not Classified	-
Mica CAS：12001-26-2 EC：601-648-2 Index No.：-	10~15	Not Classified	-
Talc CAS：14807-96-6 EC：238-877-9 Index No.：-	10~15	Not Classified	-
Dichloromethane CAS：75-09-2 EC：200-838-9 Index No.：602-004-00-3	5~10	Carcinogenicity，Category 2，H351	-
Bentonite CAS：1302-78-9 EC：215-108-5 Index No.：-	1~3	Not Classified	-
Carbon black CAS：1333-86-4 EC：215-609-9 Index No.：-	1~2	Not Classified	-

4 First-aid measures

4.1 Description of first aid measures

General advice	Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.
Skin contact	Take off contaminated clothing and shoes immediately. Wash off with plenty of soap and water for at least 15 minutes and consult a physician if feel

	uncomfortable.
Ingestion	Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.
Inhalation	Move victim into fresh air. If breathing is difficult, give oxygen. Do not use mouth to mouth resuscitation if victim ingested or inhaled the substance. If not breathing, give artificial respiration and consult a physician immediately.
Protecting of first-aiders	Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.

4.2 Most important symptoms/effects, acute and delayed

1	Substance accumulation, in the human body, may occur and may cause some concern following repeated or long-term occupational exposure.

4.3 Indication of any immediate medical attention and special treatment needed

1	Treat symptomatically.
2	Symptoms may be delayed.

5 Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media	Use extinguishing agent suitable for type of surrounding fire; Small fire: dry chemical or CO_2; Large fire: water spray, fog or regular foam; Fire involving tanks: Fight fire from maximum distance or use unmanned master stream devices or monitor nozzles. Cool containers with flooding quantities of water until well after fire is out.
Unsuitable extinguishing media	Fire involving tanks: do not direct water at source of leak or safety devices, icing may occur.

5.2 Specific hazards arising from the substance or mixture

1	Flammable: will be easily ignited by heat, sparks or flames.
2	Will form explosive mixtures with air.
3	Fire exposed containers may vent contents through pressure relief valves thereby increasing fire intensity and/or vapour concentration.
4	Vapours may travel to source of ignition and flash back.
5	Development of hazardous combustion gases or vapor possible in the event of fire.
6	May expansion or decompose explosively when heated or involved in fire.

5.3 Advice for firefighters

1	As in any fire, wear self-contained breathing apparatus （MSHA/NIOSH approved or equivalent) and full protective gear.
2	Fight fire from a safe distance, with adequate cover.
3	Prevent fire extinguishing water from contaminating surface water or the ground water system.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

1	Avoid breathing vapours and contacting with skin and eye.
2	Beware of vapours accumulating to form explosive concentrations.
3	Vapours can accumulate in low areas.
4	Emergency personnel wear positive pressure self-contained breathing apparatus. Wear protective and anti-static clothing. Wear chemical impermeable gloves.

5	Use personal protective equipment,do not breathe gas.
6	Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges.
7	Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

6.2 Environmental precautions

1	Prevent further leakage or spillage if safe to do so.
2	Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

1	All equipment used in the work should be grounded.
2	Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.
3	Spray water inhibits vapor or changes the direction of vapor cloud flow.
4	Do not allow spills to come into contact with combustible materials such as wood, paper, oil, etc.
5	Do not touch or cross spills.
6	Isolate the leak area until the gas is exhausted.
7	Cut off the source of the leak as much as possible.
8	Keep leaks in a ventilated place.
9	Do not use water directly to impact spills or sources of leakage.
10	Wear a cold suit when the liquefied gas leaks.
11	A large number of leaks: The warning zone is delineated according to the area affected by the gas, and the unrelated personnel are evacuated from the crosswind and the upwind to the safe zone.
12	Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.
13	Prevent gas from diffusing through sewers, ventilation systems, and confined spaces.

6.4 Reference to other sections

1	Personal Protective Equipment advice is contained in Section 8 of the SDS.
2	Disposal considerations advice is contained in Section 13 of the SDS.

7 Handling and storage

7.1 Precautions for safe handling

◆ Protective measures

1	Handling is performed in a well ventilated place.
2	Wear suitable protective equipment.
3	Avoid contact with skin and eyes.

◆ Measures to prevent fire

1	Use only non-sparking tools.
2	To prevent fire caused by electrostatic discharge steam, equipment on all metal parts should be grounded.
3	Use explosion proof equipment.
4	Keep away from heat/sparks/open flames/ hot surfaces.

◆ Measures to prevent aerosol and dust generation

1	Not applicable.

◆ Advice on general occupational hygiene

1	Wash hands and face after using the substances.

2	Replace the contaminated clothing immediately.

7.2 Conditions for safe storage, including any incompatibilities

1	Keep containers tightly closed.
2	Keep containers in a dry, cool and well-ventilated place.
3	Keep away from heat/sparks/open flames/hot surfaces.
4	Store away from incompatible materials and foodstuff containers.

7.3 Specific end use(s)

1	In addition to use mentioned in the Section 1.2, unforeseen other specific end uses.

8 Exposure controls/personal protection

8.1 Control parameters

Component	Country/Region	Limit value - Eight hours		Limit value - Short term	
		ppm	mg/m³	ppm	mg/m³
Liquefied petroleum ges	United Kingdom	1000	1750	1250	2180
	Belgium	1000	1826	-	-
	Ireland	1000	1800	1250	2250
	New Zealand	1000	1800	-	-
	Australia	1000	1800	-	-
	Canada - Québec	1000	1800	-	-
Xylene	Denmark	25	109	50	218
	European Union	50	221	100	442
	Finland	50	220	100	440
	France	50	221	100	442
	Germany (AGS)	50	220	100	440
	Germany (DFG)	50	220	100	440
Poly(acrylic acid)	Germany (DFG)	-	0.05	-	0.05
Mica	Spain	-	3	-	-
	Switzerland	-	3(respirable aerosol)	-	-
	United Kingdom	-	10(inhalable fraction);0.8(respirable fraction)	-	-
	Austria	-	10(inhalable aerosol)	-	-
	Belgium	-	3	-	-
	Ireland	-	3	-	-
Talc	Denmark	-	0.3(respirable aerosol)	-	0.6(respirable aerosol)
	Netherlands	-	0.25	-	-
	Norway	-	6	-	-

	Poland	-	4	-	-
	Spain	-	2(respirable aerosol)	-	-
	Sweden	-	2(inhalable aerosol)	-	-
Dichloromethane	Denmark	35	122	70	244
	European Union	100	353	200	706
	Finland	50	177	100	353
	France	50	178	100	356
	Germany (AGS)	50	180	100	360
	Germany (DFG)	50	180	100	360
Carbon black	Denmark	-	3.5	-	7
	Finland	-	3.5	-	7
	France	-	3.5	-	-
	Norway	-	3.5	-	-
	Poland	-	4	-	-
	Spain	-	3.5	-	-

◆ Biological limit values

Component	Standard	Biological monitoring index	Biological limits value	Sampling time	Remark
Dichloromethane	SCOEL(EU)	COHb/blood	0.04	Not strictly regulated	
		methylene chloride/urine	0.3mg/L	Not strictly regulated	
		methylene chloride/blood	1.0mg/L	Not strictly regulated	

◆ Monitoring methods

1	EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.
2	GBZ/T 300 series standard Determination of toxic substances in workplace air.

◆ Derived No effect level (DNEL)

Component	Route of exposure	DNEL for Workers			
		Acute effects (local)	Acute effects (systemic)	Chronic effects (local)	Chronic effects (systemic)
Liquefied petroleum ges	Inhalation	No data available	No data available	No data available	No data available
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available
Xylene	Inhalation	No data available	No data available	221 mg/m3	221 mg/m3
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available
Poly(acrylic acid)	Inhalation	No data available	No data available	No data available	1.97 mg/m3
	Oral	No data available	No data available	No data available	No data available

	Dermal	No data available	No data available	No data available	No data available
DI(PROPYLENE GLYCOL) BUTYL ETHER	Inhalation	No data available	No data available	No data available	189 mg/m3
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available
Mica	Inhalation	No data available	No data available	No data available	No data available
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available
Talc	Inhalation	No data available	No data available	3.6 mg/m3	2.16 mg/m3
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available
Dichloromethane	Inhalation	No data available	No data available	No data available	176 mg/m3
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available
Bentonite	Inhalation	No data available	No data available	No data available	No data available
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available
Carbon black	Inhalation	No data available	No data available	No data available	1 mg/m3
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available

◆ Predicted No Effect Concentration (PNEC)

Component	A	B	C	D	E	F	G	H
Xylene	44 - 327 µg/L	4.4 - 327 µg/L	1.6 - 6.58 mg/L	2.52 - 12.46 mg/kg sediment dw	252 - 12460 µg/kg sediment dw	No hazard identified	852 - 2310 µg/kg soil dw	No potential for bioaccumulation
Poly(acrylic acid)	3 µg/L	300 ng/L	900 µg/L	20.7 µg/kg sediment dw	2.07 µg/kg sediment dw	No hazard identified	3.117 µg/kg soil dw	No potential for bioaccumulation
DI(PROPYLENE GLYCOL) BUTYL ETHER	519 µg/L	51.9 µg/L	100 mg/L	2.96 mg/kg sediment dw	296 µg/kg sediment dw	No hazard identified	287 µg/kg soil dw	No potential for bioaccumulation
Talc	597.97 mg/L	141.26 mg/L	No data available	31.33 mg/kg sediment dw	3.13 mg/kg sediment dw	10 mg/m³	No data available	No potential for bioaccumulation
Dichloromethane	130 - 310 µg/L	31 - 130 µg/L	26 mg/L	163 - 2570 µg/kg sediment dw	163 - 260 µg/kg sediment dw	No hazard identified	173 - 330 µg/kg soil dw	No potential for bioaccumulation
Carbon black	50 mg/L	No data available	No data available	No hazard	No hazard	No hazard	No hazard	No potential

				identified	identified	identified	identified	for bioaccumulation

Note 1:

A: Freshwater; B: Seawater; C: Sewage treatment plant; D: Sediment (freshwater); E: Sediment (seawater); F: Air; G: Soil; H: Secondary poisoning(Hazard for Predators).

Note 2:

The PNEC values of the remaining components not shown in the product are not available yet.

8.2 Exposure controls

8.2.1 Engineering controls

1	Ensure adequate ventilation, especially in confined areas.
2	Ensure that eyewash stations and safety showers are close to the workstation location.
3	Use explosion-proof electrical/ventilating/lighting/equipment.
4	Set up emergency exit and necessary risk-elimination area.

8.2.2 Personal protection equipment

General requirement	
Eye protection	Must wear appropriate anti-corrosion goggles.
Hand protection	Must wear acid and alkali resistant chemical protective gloves.
Respiratory protection	Appropriate respiratory protective equipment must be worn. When the oxygen concentration is unknown, a self-contained atmosphere-supplying respiratory protective apparatus must be worn.
Skin and body protection	Must wear anti static chemical protective clothing and anti static shoes.

8.2.3 Environmental exposure controls

Environmental exposure controls	No information available

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Liquid gas, aerosol can
Colour	No information available
Odor	No information available
Odor threshold	No information available
pH	Not applicable
Melting point/freezing point(°C)	No information available
Initial boiling point and boiling range(°C)	No information available
Flash point(Closed cup,°C)	Not applicable
Evaporation rate	Not applicable
Flammability	No information available
Upper/lower explosive limits[%(v/v)]	Upper limit：No information available；Lower limit：No information available

Vapor pressure(kPa)	Not applicable
Vapor density(Air = 1)	Not applicable
Relative density(Water=1)	Not applicable
Solubility(mg/L)	No information available
n-octanol/water partition coefficient	Not applicable
Auto-ignition temperature(°C)	No information available
Decomposition temperature(°C)	No information available
Kinematic viscosity(mm^2/s)	Not applicable
Explosive properties	No information available
Oxidizing properties	No information available
Particle characteristics	Not applicable

9.2 Other information

9.2.1 Information with regard to physical hazard classes

Information with regard to physical hazard classes	No information available

9.2.2 Other safety characteristics

Other safety characteristics	No information available

10 Stability and reactivity

Stability and reactivity

10.1 Reactivity	Contact with incompatible substances can cause decomposition or other chemical reactions.
10.2 Chemical stability	Stable under proper operation and storage conditions.
10.3 Possibility of hazardous reactions	Reactions with metals form metal organic coumpounds.
10.4 Conditions to avoid	Incompatible materials, heat, flame and spark.
10.5 Incompatible materials	Metal, oxidantss and alkali.
10.6 Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

	UNDERBODY SPRAY
Skin corrosion/irritation	Causes skin irritation(Category 2)
Serious eye damage/irritation	Causes serious eye damage(Category 1)
Skin sensitization	Based on available data, the classification criteria are not met
Respiratory sensitization	Based on available data, the classification criteria are not met
Reproductive toxicity	Based on available data, the classification criteria are not met
STOT-single exposure	May cause respiratory irritation(Category 3)
STOT-repeated exposure	Based on available data, the classification criteria are not met
Aspiration hazard	Based on available data, the classification criteria are not met
Germ cell mutagenicity	May cause genetic defects(Category 1B)

Acute toxicity

Component	LD_{50}(oral)	LD_{50}(dermal)	LC_{50}(inhalation,4h)
Xylene	4300mg/kg(Rat)	> 1700mg/kg(Rabbit)	21.712mg/L(Rat)
DI(PROPYLENE GLYCOL) BUTYL ETHER	1480mg/kg(Rat)	5350mg/kg(Rabbit)	No information available
Carbon black	> 15400mg/kg(Rat)	> 3000mg/kg(Rabbit)	No information available
Dichloromethane	1600mg/kg(Rat)	No information available	No information available
Poly(acrylic acid)	2500mg/kg(Rat)	No information available	No information available

Carcinogenicity

Component	List of carcinogens by the IARC Monographs	Report on Carcinogens by NTP
Liquefied petroleum ges	Not Listed	Not Listed
Xylene	Category 3	Not Listed
Poly(acrylic acid)	Category 3	Not Listed
DI(PROPYLENE GLYCOL) BUTYL ETHER	Not Listed	Not Listed
Mica	Not Listed	Not Listed
Talc	Category 1(Remark 1); Category 2A(Remark 2); Category 2B(Remark 3)	Not Listed
Dichloromethane	Category 2A	Category R
Bentonite	Not Listed	Not Listed
Carbon black	Category 2B	Not Listed

Remark 1: containing asbestos; Remark 2: not containing asbestos; Remark 3: talc-based body powder, perineal use of

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

Component	Endocrine disrupting properties
Liquefied petroleum ges	No information available
Xylene	No information available
Poly(acrylic acid)	No information available
DI(PROPYLENE GLYCOL) BUTYL ETHER	No information available
Mica	No information available
Talc	No information available
Dichloromethane	No information available
Bentonite	No information available
Carbon black	No information available

11.2.2 Other Information

Other Information	See Section 11.1

12 Ecological information

12.1 Toxicity

Acute aquatic toxicity

Component	Fish	Crustaceans	Algae
Xylene	LC_{50}：2.6mg/L (96h)(Fish)	No information available	No information available
Bentonite	LC_{50}：19000mg/L (96h)(Fish)	No information available	No information available
Talc	LC_{50}：110000mg/L (96h)(Fish)	No information available	ErC_{50}：7202.7mg/L (96h)(Algae)
Carbon black	LC_{50}：> 1000mg/L (96h)(Fish)	No information available	ErC_{50}：> 10000mg/L (72h)(Algae)
Dichloromethane	LC_{50}: 193mg/L (96h)(Fish)	EC_{50}：1470mg/L (48h)(Crustaceans)	No information available
Poly(acrylic acid)	LC_{50}：27mg/L (96h)(Fish)	EC_{50}：47~95mg/L (48h)(Crustaceans)	ErC_{50}：0.13mg/L (72h)(Algae)

Chronic aquatic toxicity

Component	Fish	Crustaceans	Algae
Talc	NOEC: 1412.648mg/L(Fish)	No information available	No information available

12.2 Persistence and degradability

Component	Persistence (water/soil)	Persistence (air)
Liquefied petroleum ges	High	High
Xylene	High(Half-life = 360 days)	Low(Half-life = 1.83 days)
DI(PROPYLENE GLYCOL) BUTYL ETHER	High	High

12.3 Bioaccumulative potential

Component	Bioaccumulative potential	Comments
Liquefied petroleum ges	Low	BCF=1.97
Xylene	Medium	BCF=740
DI(PROPYLENE GLYCOL) BUTYL ETHER	Low	Log Kow=1.5

12.4 Mobility in soil

Component	Mobility in soil	Soil Organic Carbon-Water Partitioning Coefficient (Koc)
Liquefied petroleum ges	Low	35.04
DI(PROPYLENE GLYCOL) BUTYL ETHER	Low	10

12.5 Results of PBT and vPvB assessment

Component	Results of PBT and vPvB assessment [according to (EC) No 1907/2006]

Liquefied petroleum ges	Not PBT/vPvB
Xylene	Not PBT/vPvB
Poly(acrylic acid)	Insufficient information, temporarily unable to evaluate
DI(PROPYLENE GLYCOL) BUTYL ETHER	Not PBT/vPvB
Mica	Insufficient information, temporarily unable to evaluate
Talc	Not PBT/vPvB
Dichloromethane	Not PBT/vPvB
Bentonite	Insufficient information, temporarily unable to evaluate
Carbon black	Not PBT/vPvB

12.6 Endocrine disrupting properties

Component	Endocrine disrupting properties
Liquefied petroleum ges	No information available
Xylene	No information available
Poly(acrylic acid)	No information available
DI(PROPYLENE GLYCOL) BUTYL ETHER	No information available
Mica	No information available
Talc	No information available
Dichloromethane	No information available
Bentonite	No information available
Carbon black	No information available

12.7 Other adverse effects

	No information available

13 Disposal considerations

13.1 Waste treatment methods

Waste chemicals	Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal.
Contaminated packaging	Containers may still present chemical hazard when empty. Keep away from hot and ignition source of fire. Return to supplier for recycling if possible.
Disposal recommendations	Refer to section waste chemicals and contaminated packaging.

14 Transport information

Label and Mark

Transporting Label	

IMDG-CODE

UN number	1950
UN proper shipping name	AEROSOLS
Transport hazard class	2.1
Transport subsidiary hazard class	None
Packing group	The packagings must conform to package instructions of UN number
Marine pollutant (Yes or no)	No

IATA-DGR

UN number	1950
UN proper shipping name	Aerosols, flammalbe
Transport hazard class	2.1
Transport subsidiary hazard class	None
Packing group	The packagings must conform to package instructions of UN number

UN-ADR

UN number	1950
UN proper shipping name	AEROSOLS, flammable
Transport hazard class	2.1
Transport subsidiary hazard class	None
Packing group	The packagings must conform to package instructions of UN number

Maritime transport in bulk according to IMO instruments

◆Transport in bulk according to Annex II of MARPOL and the IBC code

Not Available

◆Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code

Not Available

◆Transport in bulk in accordance with the IGC Code

Not Available

15 Regulatory information

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

International chemical inventory

Component	EC inventory	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AIICS	ENCS
Liquefied petroleum ges	√	√	√	√	√	√	√	√	×
Xylene	√	√	√	√	√	√	√	√	√
Poly(acrylic acid)	×	√	√	√	√	√	√	√	√
DI(PROPYLENE GLYCOL) BUTYL ETHER	√	√	√	√	√	√	√	√	√
Mica	×	×	√	√	√	√	√	√	×
Talc	√	√	√	√	√	√	√	√	×

Dichloromethane	√	√	√	√	√	√	√	√	√
Bentonite	√	√	√	√	√	√	√	√	×
Carbon black	√	√	√	√	√	√	√	√	×

[EC inventory] European Inventory of Existing Commercial Chemical Substances
[TSCA] United States Toxic Substances Control Act Inventory
[DSL] Canadian Domestic Substances List
[IECSC] China Inventory of Existing Chemical Substances
[NZIoC] New Zealand Inventory of Chemicals
[PICCS] Philippines Inventory of Chemicals and Chemical Substances
[KECI] Korea Existing Chemicals Inventory
[AIICS] Australian. Inventory of Industrial Chemical (AIICS)
[ENCS] Japan Inventory of Existing & New Chemical Substances

European chemical inventory

Component	A	B	C	D	E	F	G	H	I
Liquefied petroleum ges	×	×	√	√	√	×	×	×	×
Xylene	×	×	×	√	√	√	×	×	×
Poly(acrylic acid)	×	×	×	√	√	×	×	×	×
DI(PROPYLENE GLYCOL) BUTYL ETHER	×	×	×	√	√	×	×	×	×
Mica	×	×	×	√	×	×	×	×	×
Talc	×	×	×	√	√	×	×	×	×
Dichloromethane	×	×	√	√	√	√	√	×	×
Bentonite	×	×	×	√	×	×	×	×	×
Carbon black	×	×	×	√	√	√	×	×	×

[A] Candidate list of Substances of Very High Concern for authorization under EU REACH regulation
[B] Substances requiring authorisation under EU REACH regulation
[C] Substances restricted under EU REACH
[D] Pre-registered substances under EU REACH
[E] Registered substances under EU REACH
[F] Substance Evaluation – CoRAP under EU REACH
[G] List of priority substances under EU water policy (Directive 2455/2001/EC)
[H] Substances subject to POPs Regulation
[I] Substances proposed as POPs

Note:
"√" Indicates that the substance included in the regulations.
"×" No data or not included in the regulations.

15.2 Chemical safety assessment

	No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

16 Other information

Information on revision

Creation Date	2025/06/24
Revision Date	-
Reason for revision	-

Reference

[1] IPCS: The International Chemical Safety Cards (ICSC), website: http://www.ilo.org/dyn/icsc/showcard.home.
[2] IARC, website: http://www.iarc.fr/.
[3] OECD: The Global Portal to Information on Chemical Substances, website: https://www.echemportal.org/echemportal/.
[4] CAMEO Chemicals, website: http://cameochemicals.noaa.gov/search/simple.
[5] NLM: ChemIDplus, website: http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp.
[6] EPA: Integrated Risk Information System, website: http://cfpub.epa.gov/iris/.
[7] U.S. Department of Transportation: ERG, website: http://www.phmsa.dot.gov/hazmat/library/erg.
[8] Germany GESTIS-database on hazard substance, website: http://gestis-en.itrust.de/.

Abbreviations and acronyms

CAS	Chemical Abstracts Service	UN	The United Nations
PC-STEL	Short term exposure limit	OECD	Organization for Economic Co-operation and Development
PC-TWA	Time Weighted Average	IMDG-CODE	International Maritime Dangerous Goods CODE
MAC	Maximum Allowable Concentration	IARC	International Agency for Research on Cancer
DNEL	Derived No Effect Level	ICAO	International Civil Aviation Organization
PNEC	Predicted No Effect Concentration	IATA	International Air Transportation Association
NOEC	No Observed Effect Concentration	ACGIH	American Conference of Governmental Industrial Hygienists
LC_{50}	Lethal Concentration 50%	NFPA	National Fire Protection Association
LD_{50}	Lethal Dose 50%	NTP	National Toxicology Program
EC_{50}	Effective Concentration 50%	PBT	Persistent, Bioaccumulative, Toxic
EC_X	Effective Concentration X%	vPvB	very Persistent, very Bioaccumulative
P_{OW}	Partition coefficient Octanol: Water	CMR	Carcinogens, mutagens or substances toxic to reproduction
BCF	Bioconcentration factor	RPE	Respiratory Protective Equipment
ED	Endocrine disruptor		

Disclaimer

This Safety Data Sheet (SDS) was prepared according to REACH Regulation The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user's reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.