Report No.: MND250879QD_EU(En)
Nomination No.: GZP25-017477-02

Safety Data Sheet（SDS）

Product Name：SPRAY PAINT

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

Contact Information：+44(0) 20 8720 6933

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Inspection Date：*2025/06/24*

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

Authorised Signatory
2025-07-02

Safety Data Sheet

SPRAY PAINT

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Revision Date：-

***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	SPRAY PAINT
Product Model	500ml/400ml
CAS No.	Not applicable
EC No.	Not applicable
Molecular Formula	Not applicable
REACH Registration Number	-
UFI	FRJ1-673S-VA2H-E8X2

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

Relevant identified uses	change color.
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
Acute Toxicity - Oral	Category 4
Serious eye damage/irritation	Category 1
Specific target organ toxicity - single exposure; respiratory tract irritation	Category 3
Specific target organ toxicity - single exposure; narcotic effects	Category 3
Hazardous To The Aquatic Environment - Long-Term (Chronic) Hazard	Category 3

2.2 Label elements

Hazard pictograms	
Signal word	**Danger**

Hazard statements

H222+H229	Extremely flammable aerosol; Pressurized container: May burst if heated
H302	Harmful if swallowed
H318	Causes serious eye damage
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H412	Harmful to aquatic life with long lasting effects

Precautionary statements

◆ Prevention

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.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

◆ Response

P310	Immediately call a POISON CENTER/doctor.
P330	Rinse mouth.
P301+P312	IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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]
Dimethyl ether	Not PBT/vPvB
Ethyl acetate	Not PBT/vPvB
Poly(acrylic acid)	Insufficient information, temporarily unable to evaluate
Acetone	Not PBT/vPvB
Butyl acetate	Not PBT/vPvB
DBE DIBASIC ESTER	Insufficient information, temporarily unable to evaluate
Rutile	Not applicable

◆ Results of endocrine disrupting properties assessment

Component	Results of endocrine disrupting properties assessment [according to (EU) No 2017/2100 or (EU) No 2018/605]
Dimethyl ether	Insufficient information, temporarily unable to evaluate
Ethyl acetate	Insufficient information, temporarily unable to evaluate
Poly(acrylic acid)	Insufficient information, temporarily unable to evaluate
Acetone	Insufficient information, temporarily unable to evaluate
Butyl acetate	Insufficient information, temporarily unable to evaluate
DBE DIBASIC ESTER	Insufficient information, temporarily unable to evaluate
Rutile	Insufficient information, temporarily unable to evaluate

◆ Other

EUH066	Repeated exposure may cause skin dryness or cracking

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
Dimethyl ether	30~40	Gases Under Pressure, Compressed gas,	-

CAS：115-10-6 EC：204-065-8 Index No.：603-019-00-8		H280；Flammable gases，Category 1A，Flammable Gas，H220	
Ethyl acetate CAS：141-78-6 EC：205-500-4 Index No.：607-022-00-5	20~35	Flammable Liquids，Category 2，H225；Serious eye damage/irritation，Category 2，H319；Specific target organ toxicity - single exposure; narcotic effects，Category 3，H336	-
Poly(acrylic acid) CAS：9003-01-4 EC：618-347-7 Index No.：-	10~25	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
Acetone CAS：67-64-1 EC：200-662-2 Index No.：606-001-00-8	10~25	Flammable Liquids，Category 2，H225；Serious eye damage/irritation，Category 2，H319；Specific target organ toxicity - single exposure; narcotic effects，Category 3，H336	-
Butyl acetate CAS：123-86-4 EC：204-658-1 Index No.：607-025-00-1	5~15	Flammable Liquids，Category 3，H226；Specific target organ toxicity - single exposure; narcotic effects，Category 3，H336	-
DBE DIBASIC ESTER CAS：95481-62-2 EC：619-131-5 Index No.：-	3~10	Acute Toxicity - Oral，Category 4，H302	-
Rutile CAS：1317-80-2 EC：215-282-2 Index No.：-	1~5	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
Dimethyl ether	Denmark	1000	1885	2000	3770
	European Union	1000	1920	-	-
	Finland	1000	2000	-	-
	France	1000	1920	-	-
	Germany (AGS)	1000	1900	8000	15200
	Germany (DFG)	1000	1900	8000	15200
Ethyl acetate	Denmark	150	540	300	1080
	European Union	200	734	400	1468
	Finland	200	730	400	1470
	France	200	734	400	1468
	Germany (AGS)	200	730	400	1460
	Germany (DFG)	200	750	400	1500
Poly(acrylic acid)	Germany (DFG)	-	0.05	-	0.05
Acetone	Denmark	250	600	500	1200
	European Union	500	1210	-	-
	Finland	500	1200	630	1500
	France	500	1210	1000	2420
	Germany (AGS)	500	1200	1000	2400
	Germany (DFG)	500	1200	1000	2400
Butyl acetate	Denmark	150	241	300	1420
	European Union	50	241	150	723
	Finland	50	240	150	725
	France	50	241	150	723
	Germany (AGS)	62	300	124	600
	Germany (DFG)	100	480	200	960
DBE DIBASIC ESTER	Germany (DFG)	0.75	5	0.75	5
	Switzerland	0.75	5	0.75	5

◆ Biological limit values

Biological limit values	No relevant regulations

◆ 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)
Dimethyl ether	Inhalation	No data available	No data available	No data available	1894 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
Ethyl acetate	Inhalation	No data available	No data available	734 mg/m3	734 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
Acetone	Inhalation	No data available	No data available	No data available	1210 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
Butyl acetate	Inhalation	No data available	No data available	300 mg/m3	300 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
DBE DIBASIC ESTER	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
Rutile	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

◆ Predicted No Effect Concentration (PNEC)

Component	A	B	C	D	E	F	G	H
Dimethyl ether	155 µg/L	16 µg/L	160 mg/L	681 µg/kg sediment dw	69 µg/kg sediment dw	No hazard identified	45 µg/kg soil dw	No potential for bioaccumulation
Ethyl acetate	240 µg/L	24 µg/L	650 mg/L	1.15 mg/kg sediment dw	115 µg/kg sediment dw	No hazard identified	148 µg/kg soil dw	200 mg/kg food
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
Acetone	10.6 mg/L	1.06 mg/L	100 mg/L	30.4 mg/kg sediment dw	3.04 mg/kg sediment dw	No hazard identified	29.5 mg/kg soil dw	No potential for bioaccumulation
Butyl acetate	180 µg/L	18 µg/L	35.6	981	98.1	No	90.3	No

			mg/L	µg/kg sediment dw	µg/kg sediment dw	hazard identified	µg/kg soil dw	potential for bioaccumulation
Rutile	127 µg/L	1 mg/L	100 mg/L	1000 mg/kg sediment dw	100 mg/kg sediment dw	No data available	100 mg/kg soil dw	No potential 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	In contact with halogens or interhalogens may cause an explosion. In contact with metal alkoxides may cause a fire. In contact with oxidants may cause a fire or an explosion.
10.4 Conditions to avoid	Incompatible materials, heat, flame and spark.
10.5 Incompatible materials	Halogen, halogen compounds, inorganic acid, sulfur, sulfides and sodium peroxide. Metal alkyl oxide, metal hydride, inorganic peroxide, nitrate and halogens oxyacid salts. Oxidants, chloroform and bromoform
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

SPRAY PAINT	
Skin corrosion/irritation	Based on available data, the classification criteria are not met
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 drowsiness or dizziness(Category 3); 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	Based on available data, the classification criteria are not met

Acute toxicity

Component	LD_{50}(oral)	LD_{50}(dermal)	LC_{50}(inhalation,4h)
Butyl acetate	10768mg/kg(Rat)	> 17600mg/kg(Rabbit)	No information available
Acetone	5800mg/kg(Rat)	> 15800mg/kg(Rabbit)	76mg/L(Rat)
Poly(acrylic acid)	2500mg/kg(Rat)	No information available	No information available
Ethyl acetate	5620mg/kg(Rat)	> 18000mg/kg(Rabbit)	No information available

Carcinogenicity

Component	List of carcinogens by the IARC Monographs	Report on Carcinogens by NTP
Dimethyl ether	Not Listed	Not Listed
Ethyl acetate	Not Listed	Not Listed
Poly(acrylic acid)	Category 3	Not Listed
Acetone	Not Listed	Not Listed
Butyl acetate	Not Listed	Not Listed
DBE DIBASIC ESTER	Not Listed	Not Listed
Rutile	Not Listed	Not Listed

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

Component	Endocrine disrupting properties
Dimethyl ether	No information available
Ethyl acetate	No information available
Poly(acrylic acid)	No information available
Acetone	No information available
Butyl acetate	No information available
DBE DIBASIC ESTER	No information available
Rutile	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
Butyl acetate	LC_{50}：18mg/L (96h)(Fish)	No information available	No information available
Acetone	LC_{50}：5540mg/L (96h)(Fish)	EC_{50}：18500mg/L (48h)(Crustaceans)	ErC_{50}：7200mg/L (96h)(Algae)
Poly(acrylic acid)	LC_{50}：27mg/L (96h)(Fish)	EC_{50}：47~95mg/L (48h)(Crustaceans)	ErC_{50}：0.13mg/L (72h)(Algae)
Ethyl acetate	LC_{50}: 230mg/L (96h)(Fish)	No information available	ErC_{50}：2500mg/L (96h)(Algae)
Rutile	LC_{50}：10000mg/L (96h)(Fish)	No information available	No information available

Chronic aquatic toxicity

Chronic aquatic toxicity	No information available

12.2 Persistence and degradability

Component	Persistence (water/soil)	Persistence (air)
Rutile	High	High

12.3 Bioaccumulative potential

Component	Bioaccumulative potential	Comments
Rutile	Low	BCF=10

12.4 Mobility in soil

Component	Mobility in soil	Soil Organic Carbon-Water Partitioning Coefficient (Koc)
Rutile	Low	23.74

12.5 Results of PBT and vPvB assessment

Component	Results of PBT and vPvB assessment [according to (EC) No 1907/2006]
Dimethyl ether	Not PBT/vPvB
Ethyl acetate	Not PBT/vPvB
Poly(acrylic acid)	Insufficient information, temporarily unable to evaluate
Acetone	Not PBT/vPvB
Butyl acetate	Not PBT/vPvB
DBE DIBASIC ESTER	Insufficient information, temporarily unable to evaluate
Rutile	Not applicable

12.6 Endocrine disrupting properties

Component	Endocrine disrupting properties
Dimethyl ether	No information available
Ethyl acetate	No information available

Poly(acrylic acid)	No information available
Acetone	No information available
Butyl acetate	No information available
DBE DIBASIC ESTER	No information available
Rutile	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
Dimethyl ether	√	√	√	√	√	√	√	√	√
Ethyl acetate	√	√	√	√	√	√	√	√	√
Poly(acrylic acid)	×	√	√	√	√	√	√	√	√
Acetone	√	√	√	√	√	√	√	√	√
Butyl acetate	√	√	√	√	√	√	√	√	√
DBE DIBASIC ESTER	×	×	×	×	×	×	×	×	×
Rutile	√	√	√	√	√	√	√	√	√

[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
Dimethyl ether	×	×	×	√	√	×	×	×	×
Ethyl acetate	×	×	×	√	√	×	×	×	×
Poly(acrylic acid)	×	×	×	√	√	×	×	×	×
Acetone	×	×	×	√	√	×	×	×	×
Butyl acetate	×	×	×	√	√	×	×	×	×
DBE DIBASIC ESTER	×	×	×	√	×	×	×	×	×
Rutile	×	×	×	√	√	×	×	×	×

[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

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