

SAFETY DATA SHEETS

According to the UN GHS revision 11

Version: 1.0
Creation Date: Feb. 6, 2026
Revision Date: Feb. 6, 2026

1. Identification

1.1 GHS Product identifier

Product name Lip Balm SPF15

1.2 Other means of identification

Product number -
Other names -

1.3 Recommended use of the chemical and restrictions on use

Identified uses Lip moisturize&Sunscreen
Uses advised against no data available

1.4 Supplier's details

Company
Address
Telephone

Emergency phone number

1.5

Emergency phone number
Service hours

2. Hazard identification

2.1 Classificationofthe substance or mixture

none

2.2 GHS label elements, including precautionary statements

Hazard pictogram(s) No symbol.
Signal word No signal word
Hazard statement(s) none
Precautionary statement(s)
Prevention none
Response none
Storage none
Disposal none

2.3 Other hazards which do not result in classification

no data available

3. Composition/information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

Chemical name	Common names and synonyms	CAS number	EC number	% [weight]
Paraffin oils	Paraffinum Liquidum	8012-95-1	232-384-2	37.10%
Petrolatum	Petrolatum	8009-03-8	232-373-2	20.00%
Hydrocarbon waxes (petroleum), chemically neutralized	Ozokerite	64742-33-2	265-134-6	15.00%
[Name confidential or not available]	Polyisobutene	9003-27-4	618-360-8	5.00%
2-ethylhexyl palmitate	Ethylhexyl Palmitate	29806-73-3	249-862-1	5.00%
[Name confidential or not available]	Beeswax	8006-40-4	616-889-9	5.00%
[Name confidential or not available]	Butyrospermum Parkii (Shea) Butter	194043-92-0	606-306-6	5.00%

Paraffin waxes and Hydrocarbon waxes, microcryst.	Microcrystalline Wax	63231-60-7	264-038-1	3.00%
2-ethylhexyl 4-methoxycinnamate	Octinoxate (Ethylhexyl Methoxycinnamate)	5466-77-3	226-775-7	2.00%
1-[4-(1,1-dimethylethyl)phenyl]-3-(4-methoxyphenyl)propane-1,3-dione	Avobenzone (Butyl Methoxydibenzoylmethane)	70356-09-1	274-581-6	1.00%
2-ethylhexyl salicylate	Octisalate(Ethylhexyl Salicylate)	118-60-5	204-263-4	1.00%
2-phenoxyethanol	Phenoxyethanol	122-99-6	204-589-7	0.50%
-	Fragrance (Parfum)	-	-	0.30%
2,6-di-tert-butyl-p-cresol	BHT	128-37-0	204-881-4	0.10%

4. First-aid measures

4.1 Description of necessary first-aid measures

Following inhalation

Move the victim into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and consult a doctor immediately. Do not use mouth to mouth resuscitation if the victim ingested or inhaled the chemical.

Following eye contact

Rinse with pure water for at least 15 minutes. Consult a doctor.

Following ingestion

Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor or Poison Control Center immediately.

4.2 Most important symptoms/effects, acute and delayed

no data available

4.3 Indication of immediate medical attention and special treatment needed, if necessary

no data available

5. Fire-fighting measures

5.1 Suitable extinguishing media

Use dry chemical, carbon dioxide or alcohol-resistant foam.

5.2 Specific hazards arising from the chemical

Hazardous combustion products

no data available

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for fire fighting if necessary.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing mist, gas or vapours. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

6.2 Environmental precautions

Prevent further spillage or leakage if it is safe to do so. Do not let the chemical enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Collect and arrange disposal. Keep the chemical in suitable and closed containers for disposal. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

7. Handling and storage

7.1 Precautions for safe handling

Handling in a well-ventilated place. Prevent fire caused by electrostatic discharge/steam.

7.2 Conditions for safe storage, including any incompatibilities

Store the container tightly closed in a dry, cool and well-ventilated place. Store apart from foodstuff containers or incompatible materials.

8. Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure limit values

Component	Paraffinum Liquidum	
CAS No.	8012-95-1	
	Limit value - Eight hours	Limit value - Short term

Component	Paraffinum Liquidum			
CAS No.	8012-95-1			
	ppm	mg/m³	ppm	mg/m³
Australia		5		
Austria		5 inhalable aerosol		
Belgium		5		
Canada - Ontario		5 (1)(2)		
Canada - Québec		5		10
Denmark		1		2
Hungary				5
Ireland		5 (1)(2)		
Japan - JSOH		3		
Latvia		5		
New Zealand		5 (1)		10
Spain		5		10
Switzerland		1		3
The Netherlands		5 (1)		
USA - NIOSH		5		
USA - OSHA		5		10 (1)
United Kingdom		5		
Canada - Ontario	-	[5]		10
Remarks				
Ireland New Zealand	(1)Pure,highly and severely refined (2) Inhalable fraction			
Switzerland USA NIOSH	(1)Pure,higly & severly refined (2) Inhalable fraction			
USA NIOSH	(1)Sampled by a method that does not collect vapour.			
United Kingdom	(1)Inhalable fraction			
United Kingdom	(1)15minutes average value			
	TheUKAdvisory Committee on Toxic Substances has expressed concern that, for the OELs shown in parentheses, health maynotbeadequately protected because of doubts that the limit was not soundly-based. These OELs were included in the publishedUK 2002 list and its 2003 supplement, but are omitted from the published 2005 list.			

Component	Phenoxyethanol			
CAS No.	122-99-6			
	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m³	ppm	mg/m³
Austria	20	110 141	20	110
Canada - Ontario	25	110		
Finland	20	110 (1)	50 (1)	290 (1)
Germany (AGS)	20 (1)	5,7 (1)	40 (1)(2)	220 (1)(2)
Germany (DFG)	1 (1)	230	1 (1)(2)	5,7 (1)(2)
Poland		110		
Switzerland	20		40	220
Remarks				
Finland	(1) 15 minutes average value			
Germany (AGS)	(1) Inhalable aerosol and vapour (2) 15 minutes reference period			
Germany (DFG)	(1) Inhalable fraction and vapour (2) 15 minutes average value			

Component	BHT
CAS No.	128-37-0

Component	BHT			
CAS No.	128-37-0			
	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m³	ppm	mg/m³
Australia		10		
Austria		10		
Belgium		2		
Canada - Ontario		2 (1)		
Canada - Québec		10		
Denmark		10		20
Finland		10		20 (1)
France		10		
Germany (AGS)		10 (1)		40 (1)(2)
Germany (DFG)		10 (1)(2)		40 (1)(2)
Ireland		10		
New Zealand		10		
Singapore		10		
South Korea		2		
Switzerland		10 inhalable aerosol		
USA - NIOSH		10		
United Kingdom		10		
	Remarks			
Canada - Ontario	(1) Inhalable aerosol and vapour			
Finland	(1) 15 minutes average value			
Germany (AGS)	(1) Inhalable aerosol and vapour (2) 15 minutes reference period			
Germany (DFG)	(1) Inhalable fraction and vapour (2) 15 minutes reference period			

Biological limit values

no data available

8.2 Appropriate engineering controls

Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Set up emergency exits and the risk-elimination area.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

No special protective equipment required.

Skin protection

No special protective equipment required.

Respiratory protection

No special protective equipment required.

Thermal hazards

no data available

9. Physical and chemical properties

Physical state	Solid.
Colour	White .
Odour	Faint aromatic odor.
Melting point/freezing point	pure CAS 8009-03-8: 36-60°C; pure CAS 29806-73-3: < 2 °C. Atm. press.: Ca. 1 013 hPa. Remarks: Cloud point.; pure CAS 5466-77-3: 193°C(dec.)(lit.); pure CAS 70356-09-1: >= 81 - <= 86 °C. Atm. press.: 1 013 mBar. Remarks: Assuming normal atmospheric pressure.; pure CAS 118-60-5: < -20 °C.; pure CAS 122-99-6: 14°C; pure CAS 128-37-0: 70°C
Boiling point or initial boiling point and boiling range	pure CAS 8009-03-8: 302°C; pure CAS 29806-73-3: < 200 °C. Atm. press.: 2 hPa.; pure CAS 5466-77-3: 168°C(lit.); pure CAS 70356-09-1: > 400 °C. Atm. press.: 98.5 kPa.; pure CAS 118-60-5: > 300 °C. Atm. press.: 100.39 kPa.; pure CAS 122-99-6: 245°C; pure CAS 128-37-0: 265°C
Flammability	pure CAS 122-99-6: Combustible.; pure CAS 128-37-0: Class IIIB Combustible Liquid: Fl.P. at or above 200°F.
Lower and upper explosion limit/flammability limit	no data available

Flash point	pure CAS 8012-95-1: 215°C;pure CAS 8009-03-8: 182-221°C;pure CAS 29806-73-3: 210 °C. Atm. press.:Ca. 1 013 hPa.;pure CAS 5466-77-3: 193°C(lit.);pure CAS 70356-09-1: 130°C(lit.);pure CAS 118-60-5: 162 °C. Atm. press.:101.325 kPa.;pure CAS 122-99-6: 127°C c.c.;pure CAS 128-37-0: 127°C c.c.
Auto-ignition temperature	pure CAS 8009-03-8: >290°C;pure CAS 118-60-5: 250 °C. Atm. press.:100.5 - 101.2 kPa. Remarks:The reported self ignition temperature is 250±5°C.;pure CAS 122-99-6: 500°C;pure CAS 128-37-0: Remarks:No spontaneous combustion (tested up to 400°C).
Decomposition temperature	no data available
pH	no data available
Kinematic viscosity	pure CAS 8009-03-8: mm ² /s (Kinematic) = 3 - 30. Temperature:100.0°C.;pure CAS 29806-73-3: kinematic viscosity (in mm ² /s) = 2.8. Temperature:100.0°C.;kinematic viscosity (in mm ² /s) = 9. Temperature:40°C.;pure CAS 118-60-5: dynamic viscosity (in mPa s) = 10.1. Temperature:20.0°C.;dynamic viscosity (in mPa s) = 5.2. Temperature:40°C.;pure CAS 122-99-6: dynamic viscosity (in mPa s) = 41. Temperature:19.8°C. Remarks:Temperature in the range 19.5-20.2 °C. Viscosity independent of the shear rate.;dynamic viscosity (in mPa s) = 19. Temperature:40.5°C. Remarks:Temperature in the range 40-41 °C. Viscosity independent of the shear rate.;pure CAS 128-37-0: centistokes = 3.47. Temperature:0.0°C.;centistokes = 1.54. Temperature:120.0°C.
Solubility	pure CAS 29806-73-3: In water: 0 mg/L. Temperature:25 °C.;pure CAS 5466-77-3: less than 1 mg/mL at 81° F (NTP, 1992);pure CAS 70356-09-1: In water, 2.2 mg/L at 25 deg C (est);pure CAS 118-60-5: In water: < 0.5 mg/L. Temperature:20 °C. pH:7.3.;pure CAS 122-99-6: Solubility in water, g/100ml: 2.7 ;pure CAS 128-37-0: Solubility in water, g/100ml at 25°C: 0.00006
Partition coefficient n-octanol/water	pure CAS 8009-03-8: >6;pure CAS 29806-73-3: log Pow = 10.61.;pure CAS 5466-77-3: log Kow = 6.1;pure CAS 70356-09-1: log Pow = 6.1. Temperature:20 °C.;pure CAS 118-60-5: log Pow = > 6. Temperature:40 °C. Remarks:LogP calculated from experimental data is 6.38, which is beyond the validity range of the test method.;pure CAS 122-99-6: 1.2;pure CAS 128-37-0: 5.1
Vapour pressure	pure CAS 8009-03-8: <1.3 Pa(20°C);pure CAS 29806-73-3: 0 Pa. Temperature:25 °C. Remarks:1.02 E-006 mm Hg.;pure CAS 5466-77-3: 2.3X10-5 mm Hg at 25 deg C (est);pure CAS 70356-09-1: < 0 Pa. Temperature:25 °C. Remarks:Final result from calculation via the Modified Watson Correlation (see attached).;< 0 Pa. Temperature:30 °C. Remarks:Preliminary result from actual testing. The amount of test item condensed in the first cooling trap was below the smallest point of calibration for all samples.;pure CAS 118-60-5: 0 hPa. Temperature:20 °C.;0.001 hPa. Temperature:25 °C.;0.008 hPa. Temperature:50 °C.;pure CAS 122-99-6: 0.0013 kPa(20°C);pure CAS 128-37-0: 1.3 Pa(20°C)
Density and/or relative density	pure CAS 8009-03-8: 0.9 g/cm ³ ;pure CAS 9003-27-4: 0.92g/mL at 25°C(lit.);pure CAS 29806-73-3: 0.859 g/cm ³ . Temperature:20 °C.;0.808 g/cm ³ . Temperature:100 °C.;pure CAS 5466-77-3: 1.009;pure CAS 70356-09-1: 1.221. Temperature:20 °C.;pure CAS 118-60-5: 1.02. Temperature:20 °C.;pure CAS 122-99-6: 1.1;pure CAS 128-37-0: 1.03-1.05 g/cm ³ pure CAS 122-99-6: 4.8 (vs air);pure CAS 128-37-0: 7.6 (vs air)
Relative vapour density	no data available
Particle characteristics	

10. Stability and reactivity

10.1

Reactivity

10.2

no data available

10.3 Chemical stability

no data available

10.4

Possibility of hazardous reactions

10.5

no data available

10.6 Conditions to avoid

no data available

11.

Acute toxicity Incompatible materials

Oral: pure CAS 29806-73-3: LD50 - rat (male/female) - > 5 000 mg/kg bw. Remarks:No mortality, adverse clinical signs observed at this unique dose level.;pure CAS 5466-77-3: LD50 Rat oral >20 mL/kg b.w.;pure CAS 70356-09-1: LD50 - rat (male/female) - > 16 000 mg/kg bw. Remarks:All animals survived at this dose.;pure CAS 122-99-6: LD50 - rat (female) - 1 840 mg/kg bw.;pure CAS 128-37-0: LD50 - rat (male/female) - > 6 000 mg/kg bw.

Inhalation: pure CAS 29806-73-3: LC50 - rat (male/female) - > 5.7 mg/L air (analytical).;pure CAS 122-99-6: LC50 - rat (male/female) - > 1 000 mg/m³ air (nominal).;pure CAS 128-37-0: RD50 - mouse (male) - 59.7 ppm.

Dermal: pure CAS 8009-03-8: LD50 - rabbit (male/female) - > 2 000 mg/kg bw.;pure CAS 29806-73-3: LD50 - rat (male/female) - > 2 000 mg/kg bw.;pure CAS 70356-09-1: LD0 - rat (male/female) - 1 000 mg/kg bw.;pure CAS 118-60-5: LD50 - rat (male/female) - > 5 000 mg/kg bw.;pure CAS 122-99-6: LD50 - rat (male/female) - 14 391 mg/kg bw.;pure CAS 128-37-0: LD50 - rat (male/female) - > 2 000 mg/kg bw.

Toxicological information

Skin corrosion/irritation

no data available

Serious eye damage/irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

no data available

Reproductive toxicity

no data available

STOT-single exposure

pure CAS122-99-6: The substance is irritating to the eyes, skin and respiratory tract. The substance may cause effects on the central nervous system and peripheral nervous system. This may result in impaired functions.; pure CAS 128-37-0: The substance is irritating to the eyes and skin.

STOT-repeated exposure

pure CAS 122-99-6: The substance defats the skin, which may cause dryness or cracking. The substance may have effects on the central nervous system. This may result in impaired functions.; pure CAS 128-37-0: Repeated or prolonged contact with skin may cause dermatitis. The substance may have effects on the liver.

Aspiration hazard

pure CAS 122-99-6: A harmful contamination of the air will not or will only very slowly be reached on evaporation of this substance at 20°C.; pure CAS 128-37-0: A harmful contamination of the air will not or will only very slowly be reached on evaporation of this substance at 20°C.

12. Ecological information**12.1 Toxicity**

- Toxicity to fish: pure CAS 8009-03-8: LL50 - Pimephales promelas - > 100 mg/L - 96 h. Remarks: Water Accommodated Fraction.; pure CAS 29806-73-3: LC50 - Danio rerio (previous name: Brachydanio rerio) - > 10 000 mg/L - 96 h.; pure CAS 70356-09-1: LC50 - Cyprinus carpio - > 0.03 mg/L - 96 h.; pure CAS 118-60-5: LC50 - Danio rerio (previous name: Brachydanio rerio) - > 82 mg/L - 96 h.; pure CAS 122-99-6: LC50 - Pimephales promelas - 344 mg/L - 96 h.; pure CAS 128-37-0: LC50 - Danio rerio (previous name: Brachydanio rerio) - > 0.57 mg/L - 96 h.
- Toxicity to daphnia and other aquatic invertebrates: pure CAS 8009-03-8: EL50 - Daphnia magna - > 10 000 mg/L - 24 h. Remarks: Water accommodated fraction.; pure CAS 29806-73-3: EC50 - Daphnia magna - > 3 000 mg/L - 48 h.; pure CAS 70356-09-1: EC50 - Daphnia magna - > 0.03 mg/L - 48 h.; pure CAS 118-60-5: EC50 - Daphnia magna - 10 mg/L - 48 h.; pure CAS 122-99-6: EC50 - Daphnia magna - > 500 mg/L - 48 h.; pure CAS 128-37-0: EC50 - Daphnia magna - 0.48 mg/L - 48 h.
- Toxicity to algae: pure CAS 8009-03-8: NOEL - Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) - >= 100 mg/L - 72 h.; pure CAS 29806-73-3: EC50 - Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) - < 100 mg/L - 72 h.; pure CAS 70356-09-1: EC50 - Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) - > 0.055 mg/L - 96 h.; pure CAS 118-60-5: EC50 - Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) - > 11 µg/L - 72 h.; pure CAS 122-99-6: EC50 - Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) - > 500 mg/L - 72 h.; pure CAS 128-37-0: EC50 - Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) - > 0.4 mg/L - 72 h.
- Toxicity to microorganisms: pure CAS 8009-03-8: NOEL - Mineral Oil contaminated soil bacterium, Photobacterium phosphoreum, and Acetobacter methanolicus MB58 - > 2.17 mg/L - 10 min.; pure CAS 29806-73-3: EC50 - activated sludge of a predominantly domestic sewage - > 100 mg/L - 3 h. Remarks: Respiration rate.; pure CAS 70356-09-1: EC50 - activated sludge of a predominantly domestic sewage - > 1 000 mg/L - 3 h. Remarks: Respiration rate.; pure CAS 118-60-5: EC50 - activated sludge - > 10 000 mg/L. Remarks: Respiration rate.; pure CAS 122-99-6: EC20 - activated sludge of a predominantly domestic sewage - 620 mg/L - 30 min. Remarks: Respiration rate.; pure CAS 128-37-0: EC50 - activated sludge - > 10 000 mg/L - 3 h. Remarks: Respiration rate.

12.2 Persistence and degradability

no data available

12.3**Bioaccumulative potential****12.4**

no data available

12.5 Mobility in soil

no data available

13. Disposal considerations**13.1 Disposal methods****Product**

The product can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing.

Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.

Contaminated packaging

Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

14. Transport information

14.1 UN number

ADR/RID: Not dangerous goods.

IMDG: Not dangerous goods.

IATA: Not dangerous goods.

14.2 UN proper shipping name

ADR/RID: Not dangerous goods.

IMDG: Not dangerous goods.

IATA: Not dangerous goods.

14.3 Transport hazard class(es)

ADR/RID: Not dangerous goods.

IMDG: Not dangerous goods.

IATA: Not dangerous goods.

14.4 Packing group, if applicable

ADR/RID: Not dangerous goods.

IMDG: Not dangerous goods.

IATA: Not dangerous goods.

14.5 Environmental hazards

ADR/RID: No

IMDG: No

IATA: No

14.6 Special precautions for user

no data available

14.7

15. Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

Chemical name	Common names and synonyms	CAS number	EC number
Paraffin oils	Paraffinum Liquidum	8012-95-1	232-384-2
Transport in bulk according to IMO instruments			
European Inventory of Existing Commercial Chemical Substances (EINECS)			Listed.
EC Inventory			Listed.
United States Toxic Substances Control Act (TSCA) Inventory			Listed.
China Catalog of Hazardous chemicals 2015			Not Listed.
New Zealand Inventory of Chemicals (NZIoC)			Listed.
Philippines Inventory of Chemicals and Chemical Substances (PICCS)			Listed.
Vietnam National Chemical Inventory			Listed.
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)			Listed.
Korea Existing Chemicals List (KECL)			Listed.
Chemical name	Common names and synonyms	CAS number	EC number
Petrolatum	Petrolatum	8009-03-8	232-373-2
European Inventory of Existing Commercial Chemical Substances (EINECS)			Listed.
EC Inventory			Listed.
United States Toxic Substances Control Act (TSCA) Inventory			Listed.
China Catalog of Hazardous chemicals 2015			Not Listed.
New Zealand Inventory of Chemicals (NZIoC)			Listed.
Philippines Inventory of Chemicals and Chemical Substances (PICCS)			Listed.
Vietnam National Chemical Inventory			Listed.
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)			Listed.
Korea Existing Chemicals List (KECL)			Listed.
Chemical name	Common names and synonyms	CAS number	EC number
Hydrocarbon waxes (petroleum), chemically neutralized	Ozokerite	64742-33-2	265-134-6
European Inventory of Existing Commercial Chemical Substances (EINECS)			Listed.
EC Inventory			Listed.
United States Toxic Substances Control Act (TSCA) Inventory			Listed.
China Catalog of Hazardous chemicals 2015			Not Listed.
New Zealand Inventory of Chemicals (NZIoC)			Listed.
Philippines Inventory of Chemicals and Chemical Substances (PICCS)			Not Listed.
Vietnam National Chemical Inventory			Listed.
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)			Not Listed.

Korea Existing Chemicals List (KECL)			Listed.
Chemical name	Common names and synonyms	CAS number	EC number
[Name confidential or not available]	Polyisobutene	9003-27-4	
European Inventory of Existing Commercial Chemical Substances (EINECS)			618-360-8
EC Inventory			Not Listed.
United States Toxic Substances Control Act (TSCA) Inventory			Not Listed.
China Catalog of Hazardous chemicals 2015			Listed.
New Zealand Inventory of Chemicals (NZIoC)			Not Listed.
Philippines Inventory of Chemicals and Chemical Substances (PICCS)			Listed.
Vietnam National Chemical Inventory			Listed.
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)			Listed.
Korea Existing Chemicals List (KECL)			Listed.
Chemical name	Common names and synonyms	CAS number	Listed.
2-ethylhexyl palmitate	Ethylhexyl Palmitate	29806-73-3	EC number
European Inventory of Existing Commercial Chemical Substances (EINECS)			
EC Inventory			
United States Toxic Substances Control Act (TSCA) Inventory			
China Catalog of Hazardous chemicals 2015			
New Zealand Inventory of Chemicals (NZIoC)			
Philippines Inventory of Chemicals and Chemical Substances (PICCS)			
Vietnam National Chemical Inventory			
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)			
Korea Existing Chemicals List (KECL)			
Chemical name	Common names and synonyms	CAS number	
[Name confidential or not available]	Beeswax	8006-40-4	
European Inventory of Existing Commercial Chemical Substances (EINECS)			249-862-1
EC Inventory			Listed.
United States Toxic Substances Control Act (TSCA) Inventory			Listed.
China Catalog of Hazardous chemicals 2015			Listed.
New Zealand Inventory of Chemicals (NZIoC)			Not Listed.
Philippines Inventory of Chemicals and Chemical Substances (PICCS)			Listed.
Vietnam National Chemical Inventory			Listed.
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)			Listed.
Korea Existing Chemicals List (KECL)			Listed.
Chemical name	Common names and synonyms	CAS number	EC number
[Name confidential or not available]	Butyrospermum Parkii (Shea) Butter	194043-92-0	EC number
European Inventory of Existing Commercial Chemical Substances (EINECS)			
EC Inventory			
United States Toxic Substances Control Act (TSCA) Inventory			
China Catalog of Hazardous chemicals 2015			
New Zealand Inventory of Chemicals (NZIoC)			
Philippines Inventory of Chemicals and Chemical Substances (PICCS)			
Vietnam National Chemical Inventory			
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)			
Korea Existing Chemicals List (KECL)			Not Listed.
Chemical name	Common names and synonyms	CAS number	EC number
Paraffin waxes and Hydrocarbon waxes, microcryst.	Microcrystalline Wax	63231-60-7	
European Inventory of Existing Commercial Chemical Substances (EINECS)			
EC Inventory			
United States Toxic Substances Control Act (TSCA) Inventory			
China Catalog of Hazardous chemicals 2015			
New Zealand Inventory of Chemicals (NZIoC)			
Philippines Inventory of Chemicals and Chemical Substances (PICCS)			
Vietnam National Chemical Inventory			
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)			
Korea Existing Chemicals List (KECL)			
Chemical name	Common names and synonyms	CAS number	
2-ethylhexyl 4-methoxycinnamate	Octinoxate (Ethylhexyl Methoxycinnamate)	5466-77-3	616-889-9

Not Listed.

Not Listed.

Not Listed.

Not Listed.

European Inventory of Existing Commercial Chemical Substances (EINECS)			Listed.
EC Inventory			Listed.
United States Toxic Substances Control Act (TSCA) Inventory			Listed.
China Catalog of Hazardous chemicals 2015			Not Listed.
New Zealand Inventory of Chemicals (NZIoC)			Listed.
Philippines Inventory of Chemicals and Chemical Substances (PICCS)			Listed.
Vietnam National Chemical Inventory			Listed.
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)			Listed.
Korea Existing Chemicals List (KECL)			Listed.
Chemical name	Common names and synonyms	CAS number	EC number
1-[4-(1,1-dimethylethyl)phenyl]-3-(4-methoxyphenyl)propane-1,3-dione	Avobenzene Butyl Methoxydibenzoylmethane	70356-09-1	274-581-6
European Inventory of Existing Commercial Chemical Substances (EINECS)			Listed.
EC Inventory			Listed.
United States Toxic Substances Control Act (TSCA) Inventory			Listed.
China Catalog of Hazardous chemicals 2015			Not Listed.
New Zealand Inventory of Chemicals (NZIoC)			Listed.
Philippines Inventory of Chemicals and Chemical Substances (PICCS)			Listed.
Vietnam National Chemical Inventory			Listed.
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)			Listed.
Korea Existing Chemicals List (KECL)			Not Listed.
Chemical name	Common names and synonyms	CAS number	EC number
2-ethylhexyl salicylate	Octisalate(Ethylhexyl Salicylate)	118-60-5	
European Inventory of Existing Commercial Chemical Substances (EINECS)			
EC Inventory			
United States Toxic Substances Control Act (TSCA) Inventory			
China Catalog of Hazardous chemicals 2015			
New Zealand Inventory of Chemicals (NZIoC)			
Philippines Inventory of Chemicals and Chemical Substances (PICCS)			
Vietnam National Chemical Inventory			
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)			EC number
Korea Existing Chemicals List (KECL)			204-263-4
Chemical name	Common names and synonyms	CAS number	Listed.
2-phenoxyethanol	Phenoxyethanol	122-99-6	Listed.
European Inventory of Existing Commercial Chemical Substances (EINECS)			Listed.
EC Inventory			Not Listed.
United States Toxic Substances Control Act (TSCA) Inventory			Listed.
China Catalog of Hazardous chemicals 2015			Listed.
New Zealand Inventory of Chemicals (NZIoC)			Listed.
Philippines Inventory of Chemicals and Chemical Substances (PICCS)			Listed.
Vietnam National Chemical Inventory			
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)			
Korea Existing Chemicals List (KECL)			
Chemical name	Common names and synonyms	CAS number	
-	Fragrance (Parfum)	-	
European Inventory of Existing Commercial Chemical Substances (EINECS)			
EC Inventory			
United States Toxic Substances Control Act (TSCA) Inventory			
China Catalog of Hazardous chemicals 2015			
New Zealand Inventory of Chemicals (NZIoC)			
Philippines Inventory of Chemicals and Chemical Substances (PICCS)			204-589-7
Vietnam National Chemical Inventory			Listed.
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)			Listed.
Korea Existing Chemicals List (KECL)			Listed.
Chemical name	Common names and synonyms	CAS number	Not Listed.
2,6-di-tert-butyl-p-cresol	BHT	128-37-0	Listed.
European Inventory of Existing Commercial Chemical Substances (EINECS)			Listed.
EC Inventory			Listed.

United States Toxic Substances Control Act (TSCA) Inventory	Listed.
China Catalog of Hazardous chemicals 2015	Not Listed.
New Zealand Inventory of Chemicals (NZIoC)	Listed.
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	Listed.
Vietnam National Chemical Inventory	Listed.
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)	Listed.
Korea Existing Chemicals List (KECL)	Listed.

16. Other information

Information on revision

Creation Date Feb. 6, 2026

Revision Date Feb. 6, 2026

Abbreviations and acronyms

- CAS: Chemical AbstractsService
- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- RID: Regulation concerning the International Carriage of Dangerous Goods by Rail
- IMDG: International Maritime Dangerous Goods
- IATA: International Air Transportation Association
- TWA: Time Weighted Average
- STEL: Short term exposure limit
- LC50: Lethal Concentration 50%
- LD50: Lethal Dose 50%
- EC50: Effective Concentration 50%

References

- IPCS - The International Chemical Safety Cards (ICSC), website: <http://www.ilo.org/dyn/icsc/showcard.home>
- HSDB - Hazardous Substances Data Bank, website: <https://toxnet.nlm.nih.gov/newtoxnet/hsdb.htm>
- IARC - International Agency for Research on Cancer, website: <http://www.iarc.fr/>
- eChemPortal - The Global Portal to Information on Chemical Substances by OECD, website: http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en
- CAMEO Chemicals, website: <http://cameochemicals.noaa.gov/search/simple>
- ChemIDplus, website: <http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp>
- ERG - Emergency Response Guidebook by U.S. Department of Transportation, website: <http://www.phmsa.dot.gov/hazmat/library/erg>
- Germany GESTIS-database on hazard substance, website: <http://www.dguv.de/ifa/gestis/gestis-stoffdatenbank/index-2.jsp>
- ECHA - European Chemicals Agency, website: <https://echa.europa.eu/>

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. We as supplier shall not be held liable for any damage resulting from handling or from contact with the above product.

Test Item

Sunscreen cosmetics sun protection factor (SPF) test

Test Method

ISO 24444: 2019 Cosmetics-Sun protection test methods-In vivo determination of the sun protection factor (SPF)

SPF value test

- a. 24 hours to 7 days before the test, test the minimal erythema dose (MED) of the subjects' back under UV irradiation. Adjust the amount of UV irradiation for the sample test according to the predicted results.
- b. The amount of test product and reference sunscreen formulation applied to the skin after spreading shall be $(2.00 \pm 0.05) \text{ mg/cm}^2$. Select 3 areas ($6\text{cm} \times 7\text{cm} = 42\text{cm}^2$) in the subjects' back. The test sample and the standard weighed in a syringe are applied to the test site using a clean finger with or without finger cot. Evenness of each application was checked under a Wood's Lamp. Then let the subjects wait for 15-30 minutes.
- c. The UV exposures for the protected test sites were calculated from previously determined MED and the geometric progression of the UV dose was 1.15.
- d. Carry out UV radiation of three areas: blank control area, standard control area and test sample area. After 20 ± 4 hours, record the MED value of three areas.
- e. The SPF calculation formula is as follows:

$$SPFi = \frac{\text{MED (Protected skin)}}{\text{MED (Unprotected skin)}}$$

Calculated the mean of all subjects' SPF value and take its integral part as the SPF value.

Material and Subject

1. Testing sample: Cosmetic final product
2. Reference sunscreen formulation:
P2 (SPF16.1 $\pm$ 2.4) and P5 (SPF30.6 $\pm$ 6.9), Solar Light Company, Inc
Formulated according to ISO 24444: 2019 standard formula.
3. Subjects:
Healthy volunteers aged from 18 and 60 were recruited for this study. Test subjects included in the SPF test shall be only phototypes I, II or III according to Fitzpatrick or shall have an ITA° value > 28° by colorimetric methods and be untanned on the test area.
SPF value test: 10 in total (9 females, 1 males), aged from 24 to 59, meet the voluntary inclusion criteria.
4. Equipment:
UV source (Power): Solar Light 601-300 V2.5, 300 Watt
Spectrum: Type UV
Filters: UV Dichroic - WG320-1.26mm - UG11-1mm
SUV Detector: ERYTHEMADETECTOR PMA2108 LLG

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SUV Detector: ERYTHEMADETECTOR PMA2108 LLG

Test Result(s)

Number of subjects	Name	Sex	Age	Skin ITA °	The SPF value of control sample(P5)	The SPF value of control sample(P2)	The SPF value of testing sample
1	GH	FEMALE	55	48.2	26.6	/	17.
2	LHY	FEMALE	52	48.4	26.6	/	0 14
3	LX	FEMALE	42	48.8	26.6	/	.8
4	ZLP	MALE	59	40.8	30.6	/	14
5	LCH	FEMALE	48	53.5	35.2	/	.8
6	XCH	FEMALE	50	42.9	30.6	/	14
7	LXQ	FEMALE	55	43.1	35.2	/	.8
8	LJZ	FEMALE	52	43	/	16.1	17.
9	JXS	FEMALE	49	38.3	/	14	0
10	FYC	FEMALE	24	39.9	/	14	19.
Average					30.2	14.7	16.3
SD							2.5
SE 95%CI							0.7
83%SPF							14.2~18.4
117%SPF							13.5
							17.0
							0
Date Sample Received:Aug.25,2023							
Testing Period: Aug.29,2023 To Sep.7,2023							15.
							3

End of report

The statements of conformity reported have considered the decision rule agreed, namely that Intertek have taken account of measurement uncertainty as calculated by Intertek, and applied according to ILAC-G8/09:2019 (Non-binary acceptance based on guard band w = U) except designation from the customer, regulation or test specification. This decision rule only applies to the numeric test results.

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Remark:*The testing data and result issued by this report are just for scientific research, teaching, internal quality control, product research and development etc. on reference only in the territory of the People's Republic of China.