

**SAFETY DATA SHEET**
COPPERTONE Lotion Spray

122000012767

Version 1.1

Revision Date 05/21/2015

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**Product Information**

Product Name: COPPERTONE Lotion Spray
Synonyms: COPPERTONE Waterbabies Aero Lotion SPF 50 Spray
SDS Number: 122000012767

Use : Consumer

Company

BAYER HEALTHCARE LLC
Consumer Care
100 Bayer Boulevard PO Box 915
Whippany, NJ 07981-0915
USA
(800) 743-5423

In case of emergency: (800) 331-4536
Chemtrec: (800) 424-9300
BAYER INFORMATION PHONE: (800) 331-4536 OR (800) 743-5423

2. HAZARDS IDENTIFICATION**Emergency Overview**

Colour: white **Form:** aerosol **Odour:** characteristic.

GHS Classification:

Flammable aerosols : Category 1

GHS Label element:

Hazard pictograms :



Signal word : Danger

Hazard statements : H222 Extremely flammable aerosol.
H229 Pressurized container: May burst if heated.

Precautionary statements : P102 Keep out of reach of children.

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Prevention:

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Pressurized container: Do not pierce or burn, even after use.

Storage:

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Weight percent	Components	CAS-No.
2.5 - 10%	Oxybenzone	131-57-7
0.25 - 2.5%	Avobenzone	70356-09-1
25 - 50%	Dimethyl ether	115-10-6

4. FIRST AID MEASURES

General advice: Take off all contaminated clothing immediately.

If inhaled: Remove to fresh air. Call a physician immediately.

In case of skin contact: If skin irritation persists, call a physician.

In case of eye contact: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

If swallowed: If swallowed, seek medical advice immediately and show this container or label.

Contact Number: Use the Bayer Emergency Number in Section 1

5. FIREFIGHTING MEASURES

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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Unsuitable extinguishing media: High volume water jet

Specific hazards during firefighting: Fire may cause evolution of: Carbon monoxide (CO)
Carbon dioxide (CO₂)

Special protective equipment for firefighters: In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

Further information: Prevent fire extinguishing water from contaminating surface water or the ground water system.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment.

Methods for cleaning up: Cover spilled product with liquid-binding material (sand, silica gel, acid binder, universal binder, hybilat). Take up mechanically and fill into labeled, closable containers.

Additional advice: Keep away from/remove sources of ignition.

Further Accidental Release Notes Keep away from/remove sources of ignition.

7. HANDLING AND STORAGE

Handling:

Only handle product with local exhaust ventilation. Keep away from fire, sparks and heated surfaces. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

Keep away from open flames, hot surfaces and sources of ignition. Take measures to prevent the build up of electrostatic charge.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection:

Recommended Filter type: Organic vapor with prefilter

None required for consumer use of this product.

Hand protection:

Chemically resistant gloves.

None required for consumer use of this product.

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Eye protection:

Safety glasses

None required for consumer use of this product.

Other protective measures:

Wear suitable protective equipment.

Please consult label for end-user requirements.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	aerosol
Colour:	white
Odour:	characteristic
Odour Threshold:	No applicable information is available
Melting point:	No applicable information is available
Boiling point/boiling range:	No applicable information is available
Density:	No applicable information is available
Bulk density:	No applicable information is available
Vapour pressure:	No applicable information is available
Viscosity, dynamic:	No applicable information is available
Viscosity, kinematic:	No applicable information is available
Flow time:	No applicable information is available
Surface tension:	No applicable information is available
Miscibility with water:	No applicable information is available
Water solubility:	No applicable information is available
pH:	7.75 - 8.75
Relative density:	No applicable information is available
Partition coefficient:	No applicable information is available
Solubility(ies):	No applicable information is available
Flash point:	-41.98 °F (-41.1 °C) at 1,013 hPa
Flammability (solid, gas):	No applicable information is available
Ignition temperature:	No applicable information is available
Explosion limits:	No applicable information is available

10. STABILITY AND REACTIVITY

Conditions to avoid: Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50 °C.

Materials to avoid: Oxidizing agents

Hazardous reactions: None known.

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Thermal decomposition:

No data available

Hazardous decomposition products:

Carbon monoxide (CO), Carbon dioxide (CO₂)

Auto-flammability: 350 °C at 1,013.00 hPa

Oxidizing properties:

No statements available.

Impact sensitivity:

No data available

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity:

Oxybenzone

LD50 Rat, female/male: > 12,800 mg/kg

The substance or mixture has no acute oral toxicity

Method: OECD 401

Avobenzone

LD50 Rat: > 16,000 mg/kg

Acute dermal toxicity:

Oxybenzone

LD50 Rabbit, male: > 16,000 mg/kg

The substance or mixture has no acute dermal toxicity

Method: OECD 402

Acute toxicity (other routes of administration):

Oxybenzone

LD50 intraperitoneal Mouse: > 1,600 mg/kg

Skin irritation:

Oxybenzone

Rabbit

Result: No skin irritation

Method: OECD 404

Avobenzone

Rabbit

Result: Mild skin irritation

Eye irritation:

Oxybenzone

Rabbit

Result: No eye irritation

Method: OECD 405

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Avobenzone

Rabbit

Result: No eye irritation

Sensitisation:

Oxybenzone

Skin sensitization Mouse

Result: Does not cause skin sensitisation.

Method: OECD 429

guinea pig

Result: Does not cause skin sensitisation.

Method: OECD 406

Avobenzone

guinea pig

Result: Does not cause skin sensitisation.

Human experience

Result: Does not cause skin sensitisation.

Phototoxicity:

Avobenzone

The substance has no phototoxic effect.

Subacute, subchronic and prolonged toxicity:

Oxybenzone

NOEL 429 mg/kg, Rat male Oral, Exposure time 13 Weeks

Method: OECD 408

NOEL 393 mg/kg, Rat female Oral, Exposure time 13 Weeks

Method: OECD 408

NOEL 200 mg/kg, Rat male and female Dermal, Exposure time 90-day

Number of exposures: 5 days per week

Method: OECD 412

Genotoxicity in vitro:

Oxybenzone

In vitro gene mutation study in mammalian cells (Hamster V79-cells)

Dose: with and without metabolic activation

Result: negative

Method: OECD 476

Ames test Escherichia coli

Dose: with and without metabolic activation

Result: negative

Method: OECD 471

Ames test Salmonella typhimurium

Dose: with and without metabolic activation

Result: negative

Method: OECD 471

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Chromosome aberration test in vitro (Hamster V79-cells)

Dose: with and without metabolic activation

Result: negative

Method: OECD 473

Avobenzone

Result: negative

Teratogenicity:

Oxybenzone

Application Route: Oral

Rat: Exposure time: 14 d

Number of exposures: once daily

NOAEL: 200 mg/kg

Test substance: in corn oil

Method: OECD 414

Avobenzone

Result: Did not show teratogenic effects in animal experiments.

Carcinogenicity:

No Carcinogenic substances as defined by IARC, NTP and/or OSHA

STOT - single exposure:

No data available

STOT - repeated exposure:

No data available

12. ECOLOGICAL INFORMATION

General advice:

Do not allow to enter surface waters or groundwater.

Toxicity to fish:

Oxybenzone

semi-static test: LC50 3.8 mg/l

Test species: orizias latipes (illey fish) Duration of test: 96 h

Method: OECD 203

semi-static test: NOEC 0.72 mg/l

Test species: orizias latipes (illey fish) Duration of test: 96 h

Method: OECD 203

Toxicity to daphnia and other aquatic invertebrates:

Oxybenzone

Immobilization EC50 1.87 mg/l

Test species: Daphnia magna (Water flea) Duration of test: 48 h

Method: OECD 202

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Immobilization NOEC 1.15 mg/l

Test species: *Daphnia magna* (Water flea) Duration of test: 48 h

Method: OECD 202

Toxicity to algae:

Oxybenzone

Biomass EC50 0.41 mg/l

tested on: *Pseudokirchneriella subcapitata* (green algae) Duration of test: 72 h

Method: OECD 201

Growth rate EC50 0.67 mg/l

tested on: *Pseudokirchneriella subcapitata* (green algae) Duration of test: 72 h

Method: OECD 201

Biomass NOEC 0.08 mg/l

tested on: *Pseudokirchneriella subcapitata* (green algae) Duration of test: 72 h

Method: OECD 201

Growth rate NOEC 0.18 mg/l

tested on: *Pseudokirchneriella subcapitata* (green algae) Duration of test: 72 h

Method: OECD 201

Toxicity to bacteria:

Oxybenzone

Respiration inhibition EC50 > 100 mg/l

tested on: activated sludge micro-organism

Duration of test: 3 h

Biodegradability:

Oxybenzone

60 - 70 %, 28 d rapidly biodegradable

Avobenzone

6 %, 20 d Not rapidly biodegradable

Method: OECD 301 F

Bioaccumulation:

Oxybenzone

0.1 mg/l *Oryzias latipes* (Orange-red killifish) 70 d

Bioconcentration factor (BCF)

39 - 160

OECD 305

0.01 mg/l, *Oryzias latipes* (Orange-red killifish)

70 d, Bioconcentration factor (BCF) 33 - 158

OECD 305

Avobenzone

Bioaccumulation is unlikely.

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13. DISPOSAL CONSIDERATIONS

If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

Waste disposal should be in accordance with existing federal, state and local environmental control laws.

14. TRANSPORT INFORMATION

Please note the classifications shown are for bulk shipments. Limited quantities or other exemptions may apply.

Land transport (CFR)

Proper shipping name:	AEROSOLS
Hazard Class or Division:	2.1
UN/NA Number:	UN1950
Packaging group:	None
Hazard Label(s):	Flammable Gas

US Sea transport (IMDG)

Proper shipping name:	AEROSOLS
Hazard Class or Division:	2.1
UN number:	UN1950
Packaging group:	None
Hazard Label(s):	FLAMMABLE GASES

US Air transport (ICAO / IATA cargo aircraft only)

Proper shipping name:	AEROSOLS
Hazard Class or Division:	2.1
UN/ID Number:	UN1950
Packaging group:	None
Hazard Label(s):	FLAMMABLE GAS

US Air transport (ICAO / IATA passenger and cargo aircraft)

Proper shipping name:	AEROSOLS
Hazard Class or Division:	2.1
UN/ID Number:	UN1950
Packaging group:	None
Hazard Label(s):	FLAMMABLE GAS

International IATA

UN Number	1950
Description of the goods	AEROSOLS, FLAMMABLE
Class	2.1
Dangerous goods labels	2.1
Environmentally hazardous	no

International IMDG

UN Number	1950
Description of the goods	AEROSOLS

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Class	2.1
IMDG-Labels	2.1
Marine pollutant	no

15. REGULATORY INFORMATION

Other regulations: No statements available.

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)

Components

None

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required

Components

None

US. EPA CERCLA Hazardous Substances (40 CFR 302) Components

None

California Prop. 65

To the best of our knowledge, this product does not contain any of the listed chemicals, which the state of California has found to cause cancer, birth defects or other reproductive harm.

OSHA Hazcom Standard Rating Hazardous

16. OTHER INFORMATION

Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.



MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT: Sun Bum SPF 50 Sunscreen Lotion (oxy)

DATE: 06/24/11

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Sun Bum SPF 50 Sunscreen Lotion
Product Code(s):	PROPRIETARY
Manufacturer:	Available Upon Request Sunscreen
Product Use:	

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Active Ingredients:	Avobenzene – 3.00%; Homosalate – 10.00%; Octisalate – 5.00%; Octocrylene – 2.75%; Oxybenzone – 6.00%
Inactive Ingredients:	Water, Styrene / Acrylates Copolymer, Butyloctyl Salicylate, Silica, VP / Hexadecene Copolymer, Glyceryl Stearate, PEG-100 Stearate, Polyester-8, Ethylhexyl Stearate, Caprylyl Methicone, Trideceth-6, Dimethicone, Trimethylsiloxysilicate, Sodium Polyacrylate, Behenyl Alcohol, Dimethyl Capramide, Ethylhexylglycerin, Xanthan Gum, Polyaminopropyl Biguanide, Disodium EDTA, BHT, Fragrance, Tocopheryl Acetate, Methylisothiazolinone.

SECTION 3: HAZARDS IDENTIFICATION

Emergency Overview:

Physical Appearance: Smooth white lotion

Routes of Entry: None

Potential Health Effects:

- Eyes: No harmful effects have been reported upon contact with the eyes.
- Skin: No harmful effects have been reported upon contact with skin.
- Ingestion: No harmful effects have been reported upon ingestion.
- Inhalation: No harmful effects have been reported upon inhalation.
- Acute Health Hazards: None
- Chronic Conditions Generally Aggravated by Exposure: None
- Carcinogenicity: Not listed by NTP, IARC, ACGIH, OR OSHA as a carcinogen.

SECTION 4: FIRST AID MEASURES

Eye Contact:	Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.
Skin Irritation:	Immediately and thoroughly, wash off with soap and water.
Ingestion:	If swallowed, seek medical attention.
Inhalation:	N/A

SECTION 5: FIRE-FIGHTING MEASURES

Flammable Limits in Air, Upper:	N/A
(% by volume) Lower:	N/A
Flash Point:	N/A
Protection:	As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full throttle gear.

Extinguishing media: CO₂, dry chemicals, foam or water spray
Special fire fighting procedures: None
Unusual fire and explosion hazards: None
Hazardous decomposition product: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

Accidental Release Measures: No special requirements for spills and leaks.

SECTION 7: HANDLING AND STORAGE

Handling: No special handling procedures required.
Storage: Store in a dry location.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls:	Not Required.
Ventilation:	Not Required.
Respiratory Protections:	Not Required
Eye Protection:	Not Required.
Skin Protection:	Not Required.
Other Protective Clothing or Equipment:	None
Work Hygienic Practices:	None
Exposure Guidelines:	None

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Smooth white lotion
Odor:	Banana/vanilla
Physical State:	Lotion
pH:	5.50 – 6.50
Specific Gravity (H ₂ O = 1):	1.00 – 1.04
Viscosity:	20,000 – 40,000 cP
Percent Solids by Weight:	N/A
Boiling Point:	N/A
Melting Point:	N/A
Freezing Point:	N/A
Vapor Pressure:	N/A
Vapor Density (AIR = 1):	N/A
Evaporation Rate:	N/A
Basis (=1):	N/A
Solubility in Water:	Moderate
Percent Volatile:	N/A
Volatile Organic Compounds (VOC):	N/A
With Water:	N/A
Without Water:	N/A

SECTION 10: STABILITY AND REACTIVITY

Stable:	Yes
Conditions to Avoid:	None
Incompatibility (Materials to Avoid):	None
Hazardous Decomposition or By-Products:	None
Hazardous Polymerization:	None
Conditions to Avoid (Polymerization):	None

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological Information: No data available.

SECTION 12: ECOLOGICAL INFORMATION

Ecological Information: No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of in accordance with Federal, State, and Local laws.

SECTION 14: TRANSPORTATION INFORMATION

U.S. Department of Transportation

Proper Shipping Name: Not classified as hazardous for transport.

SECTION 15: REGULATORY INFORMATION

U.S. Federal Regulations

TSCA (Toxic Substance Control Act):

TSCA Regulatory: All international ingredients are listed in the TSCA inventory or comply with TSCA Polymer exemption criteria per 40 CFR 723.

OSHA Hazard Comm. Rule: This product contains no hazardous products ingredients per OSHA standards

SARA TITLE III (Superfund Amendments and Reauthorization act):

311/312 Hazard categories

Fire: No Reactivity: No Acute: No

313 Reportable ingredients: This product contains no SARA TITLE III, Section 313 listed chemicals.

State Regulations:

Proposition 65 statement: This product contains no California Proposition 65 listed chemicals.

SECTION 16: OTHER INFORMATION
