1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product information

Product Name:	Coppertone Lotions (Low/No Oil)
Synonyms:	Coppertone Kids Lotion SPF 30 Coppertone Sport Faces Lotion SPF 50 Coppertone Sport Lotion SPF 15-100 Coppertone Oil Free Faces Lotion SPF 15
SDS Number:	122000012933

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

Form: lotion **Odour:** characteristic.

GHS Classification:

Not a dangerous substance / mixture according to GHS.

GHS Label element:

Not a dangerous substance / mixture according to GHS.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Weight percent	Components	CAS-No.
3 - 7%	Propane-1,2-diol	57-55-6
1 - 5%	Benzyl alcohol	100-51-6

Other Ingredients

Weight percent	Components	CAS-No.
3 - 7%	Oxybenzone	131-57-7
1 - 5%	Avobenzone	70356-09-1
3 - 7%	Octyl Salicylate	118-60-5
5 - 10%	Styrene/Acrylates Copolymer	9010-92-8

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.

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.

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: No special precautions required.

Further Accidental Release Notes No special precautions required.

7. HANDLING AND STORAGE

Handling:
Industrial uses: Avoid formation of aerosol. Avoid contact with skin, eyes and clothing.

No special protective measures against fire required.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Propane-1,2-diol (57-55-6)
US. AIHA Workplace Environmental Exposure Level (WEEL) Guides
Time Weighted Average (TWA): 10 mg/m3 (Aerosol.)

Benzyl alcohol (100-51-6)
US. AIHA Workplace Environmental Exposure Level (WEEL) Guides
Time Weighted Average (TWA): 10 ppm, 44.20 mg/m3

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.

Eye protection:
Safety glasses

None required for consumer use of this product.

Hygiene measures:
Cleanliness Guidelines (GMP) for manufacturing of drugs must be observed!

Other protective measures:
Wear suitable protective equipment.

Please consult label for end-user requirements.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	lotion
Colour:	No applicable information is available
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:	0.95 - 1.03 g/cm³
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:	partly soluble
pH:	3.5 - 6
Relative density:	No applicable information is available
Partition coefficient:	No applicable information is available
Solubility(ies):	No applicable information is available
Flash point:	>= 199.4 °F (93 °C)
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: No data available

Materials to avoid: Oxidizing agents

Hazardous reactions: None known.

Thermal decomposition:

No data available

Hazardous decomposition products:
Carbon monoxide (CO), Carbon dioxide (CO2)

Oxidizing properties:

No statements available.

Impact sensitivity:
No data available

11. TOXICOLOGICAL INFORMATION

Other information on toxicity:

No data is available on the product itself.

Acute oral toxicity:
Propane-1,2-diol
LD50 Rat: 22,000 mg/kg
The substance or mixture has no acute oral toxicity

Benzyl alcohol
LD50 Rat: 1,230 mg/kg
Harmful if swallowed.

Acute inhalation toxicity:
Propane-1,2-diol
LC50 Rabbit: > 317 mg/l, 2 h
The substance or mixture has no acute inhalation toxicity

Benzyl alcohol
Harmful if inhaled.

Acute dermal toxicity:
Propane-1,2-diol
LD50 Rabbit: > 5,000 mg/kg
The substance or mixture has no acute dermal toxicity

Benzyl alcohol
LD50 Rabbit: > 2,000 mg/kg
May be harmful in contact with skin.

Skin irritation:
Propane-1,2-diol
Rabbit
Result: No skin irritation

Benzyl alcohol
Rabbit
Result: No skin irritation
Method: OECD 404

Eye irritation:
Propane-1,2-diol
Rabbit
Result: No eye irritation

Benzyl alcohol
Rabbit
Result: No eye irritation
Method: OECD 405

Sensitisation:
Propane-1,2-diol
Human experience
Result: Does not cause skin sensitisation.

guinea pig
Result: Does not cause skin sensitisation.

Method: OECD 406

Benzyl alcohol
guinea pig
Result: Did not cause sensitisation on laboratory animals.
Method: Magnusson and Kligmann maximization test

Subacute, subchronic and prolonged toxicity:
Propane-1,2-diol
NOEL 50,000 mg/kg, Rat Oral, Exposure time 24 month

NOEL 1 mg/l, Rat Inhalation, Exposure time 3 month
Number of exposures: once daily

Benzyl alcohol
NOEL 400 mg/kg, Rat, Exposure time 90-day

Genotoxicity in vitro:
Propane-1,2-diol
Ames test Bacteria
Dose: yes
Result: negative
Method: OECD 471

Mammalian cells
Result: negative
Method: OECD 476

Benzyl alcohol
Ames test
Result: negative

Genotoxicity in vivo:
Propane-1,2-diol

Result: negative
Method: OECD 478

Benzyl alcohol

Result: No indication of mutagenic effects.

Carcinogenicity:
Propane-1,2-diol
Rat:
Exposure time: 2 a
Number of exposures: once daily
Result: negative

Reproductive toxicity:
Propane-1,2-diol
Application Route: Oral
Rat, female: Test period: 18 d
NOAEL: 1600 mg/kg
Result: Animal testing did not show any effects on fertility.

Teratogenicity:
Propane-1,2-diol
Rat, male: Number of exposures: once daily
Test period: 15 d
NOAEL: 1600 mg/l
Result: No indication of teratogenic effects.

Benzyl alcohol
Result: Did not show teratogenic effects in animal experiments.

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

STOT - single exposure:
Components:

100-51-6 :
Assessment: The substance or mixture is not classified as specific target organ toxicant, single exposure.

STOT - repeated exposure:
Components:

100-51-6 :
Assessment: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

12. ECOLOGICAL INFORMATION

General advice:
Do not allow to enter surface waters or groundwater. No data is available on the product itself.

Toxicity to fish:
Propane-1,2-diol
Acute Fish toxicity: LC50 40,613 mg/l
Test species: Pimephales promelas (fathead minnow) Duration of test: 96 h

Benzyl alcohol
Acute Fish toxicity: LC50 10 mg/l
Test species: Lepomis macrochirus (Bluegill) Duration of test: 96 h

Toxicity to daphnia and other aquatic invertebrates:
Propane-1,2-diol
LC50 18,340 mg/l
Test species: Ceriodaphnia dubia (water flea) Duration of test: 48 h

Benzyl alcohol
EC50 55 mg/l
Test species: Daphnia magna (Water flea) Duration of test: 24 h

Oxybenzone
Immobilization EC50 1.87 mg/l
Test species: Daphnia magna (Water flea) Duration of test: 48 h
Method: OECD 202

Immobilization NOEC 1.15 mg/l
Test species: Daphnia magna (Water flea) Duration of test: 48 h
Method: OECD 202

Toxicity to algae:
Propane-1,2-diol
IC50 19,100 mg/l
tested on: Pseudokirchneriella subcapitata (green algae)

Benzyl alcohol
IC50 > 100 mg/l
Duration of test: 72 h

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:
Propane-1,2-diol
NOEC 20,000 mg/l
tested on: Pseudomonas putida
Duration of test: 18 h

Benzyl alcohol
EC50 71.4 mg/l
tested on: Photobacterium phosphoreum
Duration of test: 0.5 h

Oxybenzone
Respiration inhibition EC50 > 100 mg/l
tested on: activated sludge micro-organism
Duration of test: 3 h

Biodegradability:
Propane-1,2-diol
87 - 92 %, 28 d rapidly biodegradable
Method: OECD 301 C

Benzyl alcohol
92 - 96 %, 28 d rapidly biodegradable
Method: OECD 301 C

Oxybenzone
60 - 70 %, 28 d rapidly biodegradable

Bioaccumulation:
Propane-1,2-diol

Bioconcentration factor (BCF)
0.09

Oxybenzone
0.1 mg/lOryzias 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

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

Land transport (CFR)
non-regulated

US Sea transport (IMDG)
non-regulated

US Air transport (ICAO / IATA cargo aircraft only)
non-regulated

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

International IATA

UN Number	3082
Description of the goods	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (OXYBENZONE)
Class	9
Packaging group	III
Dangerous goods labels	9
Environmentally hazardous	yes

International IMDG

UN Number	3082
Description of the goods	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (OXYBENZONE)
Class	9
Packaging group	III
IMDG-Labels	9
EmS Number	F-A
Marine pollutant	yes

15. REGULATORY INFORMATION

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

Massachusetts, New Jersey or Pennsylvania Right to Know Substance Lists

Weight percent	Components	CAS-No.
3 - 7%	Propane-1,2-diol	57-55-6
1 - 5%	Benzyl alcohol	100-51-6

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 Non-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.