



SAFETY DATA SHEET

122000012707

Coppertone Emulsion Lotions

Version 2.0

Revision Date 07/14/2016

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

Product information

Product Name: Coppertone Emulsion Lotions
Synonyms: Coppertone Kids Lotion SPF 30-50
Coppertone Waterbabies Lotion SPF 50
Coppertone UltraGuard Lotion SPF 15-50
Coppertone Sunscreen Lotion SPF30
SDS Number: 122000012707

Use : Consumer

Company

Bayer HealthCare, LLC
Consumer Health
100 Bayer Boulevard PO Box 915
Whippany, NJ 07981-0915
UNITED STATES OF AMERICA
(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 elements:

Not a dangerous substance / mixture according to GHS.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Weight percent	Components	CAS-No.
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SAFETY DATA SHEET

Coppertone Emulsion Lotions

122000012707

Version 2.0

Revision Date 07/14/2016

0.5%	Benzyl alcohol	100-51-6
1.2%	Stearic acid	57-11-4

Other Ingredients	Components	CAS-No.
Weight percent		
1.2%	Triethanolamine	102-71-6

4. FIRST AID MEASURES

General advice: No hazards which require special first aid measures.

If inhaled: Not an expected entry route.

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

In case of eye contact: Flush eyes with water as a precaution.

If swallowed: In case of accidental ingestion, contact your regional poison center or physician immediately.

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 the release 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

Coppertone Emulsion Lotions

Version 2.0

Revision Date 07/14/2016

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: No special technical protective measures required. Use adequate ventilation.

No special protective measures against fire required.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Triethanolamine (102-71-6)**

US. ACGIH Threshold Limit Values

Time Weighted Average (TWA): 5 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

SAFETY DATA SHEET

Coppertone Emulsion Lotions

122000012707

Version 2.0

Revision Date 07/14/2016

Odour Threshold:	No applicable information is available
Melting point:	No applicable information is available
Boiling point/boiling range:	No applicable information is available
Density:	1.01 - 1.05 g/cm ³
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:	6.5 - 8.8
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:

Coppertone Emulsion Lotions

Version 2.0

Revision Date 07/14/2016

Triethanolamine

Ingestion of large quantities: Vomiting, Diarrhoea, Dizziness, Tiredness, Circulatory collapse, Unconsciousness

Other information on toxicity:

Benzyl alcohol

Dermal absorption possible

If inhaled: irritations, Shortness of breath, Cough

If swallowed: Vomiting, Nausea, Irritation of mucous membranes in the mouth, throat, gullet and gastro-intestinal tract after swallowing.

Systemic toxicity headaches, Nausea, CNS disorders, Convulsions, Unconsciousness, cessation of breathing

Acute oral toxicity:

Stearic acid

LD50 Rat: 4,640 mg/kg

Triethanolamine

LD50 Rat: 7,200 mg/kg

No adverse effect has been observed in acute toxicity tests.

Method: BASF-Test

Benzyl alcohol

LD50 Rat: 1,230 mg/kg

Harmful if swallowed.

Acute inhalation toxicity:

Benzyl alcohol

Harmful if inhaled.

Acute dermal toxicity:

Stearic acid

LD50 Rabbit: > 5,000 mg/kg

No adverse effect has been observed in acute toxicity tests.

Triethanolamine

LD50 Rabbit: > 2,000 mg/kg

Method: OECD 402

Benzyl alcohol

LD50 Rabbit: > 2,000 mg/kg

May be harmful in contact with skin.

Acute toxicity (other routes of administration):

Stearic acid

LD50 intravenous Mouse: 23 mg/kg

Skin irritation:

SAFETY DATA SHEET
Coppertone Emulsion Lotions

122000012707

Version 2.0

Revision Date 07/14/2016

Stearic acid
Rabbit
Result: Moderate skin irritation

Triethanolamine
Rabbit
Result: No skin irritation
Method: OECD 404

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

Eye irritation:

Stearic acid
Result: No eye irritation
Test substance: Data on a comparable substance

Triethanolamine
Classification: Causes serious eye irritation.

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

Sensitisation:

Triethanolamine
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:

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

Genotoxicity in vitro:

Stearic acid
Ames test
Result: Negative.
Test substance: Data on a comparable substance

Triethanolamine
Tests with bacteria and mammalian cells showed no evidence of genotoxic effects.

Chromosome aberration test in vitro
Result: Negative.

SAFETY DATA SHEET
Coppertone Emulsion Lotions

122000012707

Version 2.0

Revision Date 07/14/2016

Ames test
Result: Negative.

Benzyl alcohol
Ames test
Result: Negative.

Genotoxicity in vivo:

Triethanolamine
Micronucleus test,
Result: Negative.

Benzyl alcohol

Result: No indication of mutagenic effects.

Triethanolamine
Under special conditions Nitrosamine formation is possible. Nitrosamines have been found to be carcinogenic in animal tests.

Reproductive toxicity:

Teratogenicity:

Triethanolamine
Method: OECD 421/422
In view of structural analogies there is evidence for damaging effects on development.

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:

No data is available on the product itself.

Coppertone Emulsion Lotions

Version 2.0

Revision Date 07/14/2016

Toxicity to fish:

Stearic acid

Semi-static test: LC50 > 100 mg/l

Test species: *Leuciscus idus* (Golden orfe)

Method: ISO 7346/2

LC50 > 100 mg/l

Test species: *Danio rerio* (zebra fish)

Method: ISO 7346/2

Triethanolamine

LC50 11,800 mg/l

Test species: *Pimephales promelas* (fathead minnow) Duration of test: 96 h

LC50 450 - 1,000 mg/l

Test species: *Lepomis macrochirus* (Bluegill) 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:**

Triethanolamine

EC50 1,390 mg/l

Test species: *Daphnia magna* (Water flea) Duration of test: 24 h

Benzyl alcohol

EC50 55 mg/l

Test species: *Daphnia magna* (Water flea) Duration of test: 24 h**Toxicity to algae:**

Triethanolamine

IC50 216 mg/l

tested on: *Desmodesmus subspicatus* (green algae) Duration of test: 72 h

Benzyl alcohol

IC50 > 100 mg/l

Duration of test: 72 h

Toxicity to bacteria:

Stearic acid

EC0 > 100 mg/l

tested on: *Pseudomonas putida*

Test substance: Data on a comparable substance

Triethanolamine

EC50 > 1,000 mg/l

Duration of test: 3 h

Method: OECD 209

nominal concentration

EC50 > 10,000 mg/l

tested on: *Pseudomonas putida*

Duration of test: 16 h

SAFETY DATA SHEET
Coppertone Emulsion Lotions

122000012707

Version 2.0

Revision Date 07/14/2016

EC50 525 mg/l
tested on: Photobacterium phosphoreum
Duration of test: 0.5 h

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

Toxicity to daphnia and other aquatic invertebrates(Chronic toxicity)

Triethanolamine NOEC 16 mg/l
Test species: Daphnia magna (Water flea) Duration of test: 21 d

Toxicity on other terrestrial non-mammal:

Triethanolamine
LC50 49,950 mg/kg
Test species: Drosophila melanogaster Duration of test: 3 d

Biodegradability:

Stearic acid
> 60 %, rapidly biodegradable
Test substance: Data on a comparable substance

Triethanolamine
90 - 100 %, rapidly biodegradable
Readily biodegradable, according to appropriate OECD test.

96 %, rapidly biodegradable
Method: OECD 301 E

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

Bioaccumulation:

Triethanolamine
Cyprinus carpio (Carp) 42 d

Bioconcentration factor (BCF)

< 0.4
OECD 305 Does not accumulate in organisms.

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.

SAFETY DATA SHEET
Coppertone Emulsion Lotions

122000012707

Version 2.0

Revision Date 07/14/2016

14. TRANSPORT INFORMATION

Land transport (CFR)
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	no

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	no

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.
1 - 5%	Triethanolamine	102-71-6

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.

Coppertone Emulsion Lotions

Version 2.0

Revision Date 07/14/2016

OSHA Hazcom Standard RatingNot subject to OSHA

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.