



SAFETY DATA SHEET

122000012937

COPPERTONE Pure & Simple Lotion

Version 1.0

Revision Date 05/19/2015

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

Product information

Product Name: COPPERTONE Pure & Simple Lotion
Synonyms: COPPERTONE Kids Pure & Simple Lotion SPF 50
COPPERTONE WaterBABIES Pure & Simple Tear Free Lotion SPF 50
SDS Number: 122000012937

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

Colour: white **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.

Other hazards which do not result in classification:

None known.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Weight percent	Components	CAS-No.
3 - 7%	Propane-1,2-diol	57-55-6
10 - 30%	Zinc oxide	1314-13-2

Other Ingredients		
Weight percent	Components	CAS-No.
3 - 7%	Octyl Salicylate	118-60-5
0.1 - 1%	Diazolidinyl urea	78491-02-8

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. Use personal protective equipment.

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

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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:**

Avoid formation of aerosol. Only handle product with local exhaust ventilation.

No special protective measures against fire required.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Zinc oxide (1314-13-2)**

US. ACGIH Threshold Limit Values

Time Weighted Average (TWA): 2 mg/m³ (Respirable fraction.)

US. ACGIH Threshold Limit Values

Short Term Exposure Limit (STEL): 10 mg/m³ (Respirable fraction.)

US. NIOSH: Pocket Guide to Chemical Hazards

Recommended exposure limit (REL): 5 mg/m³ (Dust.)

US. NIOSH: Pocket Guide to Chemical Hazards

Recommended exposure limit (REL): 5 mg/m³ (Fume.)

US. NIOSH: Pocket Guide to Chemical Hazards

Ceiling Limit Value and Time Period (if specified): 15 mg/m³ (Dust.)

US. NIOSH: Pocket Guide to Chemical Hazards

Short Term Exposure Limit (STEL): 10 mg/m³ (Fume.)

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

PEL: 15 mg/m³ (Total dust.)

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

PEL: 5 mg/m³ (Fume.)

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

PEL: 5 mg/m³ (Respirable fraction.)

Propane-1,2-diol (57-55-6)

US. AIHA Workplace Environmental Exposure Level (WEEL) Guides

Time Weighted Average (TWA): 10 mg/m³ (Aerosol.)

Zinc oxide (1314-13-2)

US. ACGIH Threshold Limit Values

Time Weighted Average (TWA): 2 mg/m³ (Respirable fraction.)

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PEL: 5 mg/m³ (Fume.)

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

PEL: 5 mg/m³ (Respirable fraction.)**Propane-1,2-diol (57-55-6)**

US. AIHA Workplace Environmental Exposure Level (WEEL) Guides

Time Weighted Average (TWA): 10 mg/m³ (Aerosol.)**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.

Other protective measures:

Wear suitable protective equipment.

Please consult label for end-user requirements.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	lotion
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:	1.136 g/cm ³
Bulk density:	No applicable information is available

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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:	No applicable information is available
Relative density:	No applicable information is available
Partition coefficient:	No applicable information is available
Solubility(ies):	No applicable information is available
Flash point:	>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:** No data available**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**Acute oral toxicity:**

Propane-1,2-diol

LD₅₀ Rat: 22,000 mg/kg

The substance or mixture has no acute oral toxicity

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Zinc oxide

LD50 Rat: > 15,000 mg/kg

Method: OECD 401

Acute inhalation toxicity:

Propane-1,2-diol

LC50 Rabbit: > 317 mg/l, 2 h

The substance or mixture has no acute inhalation toxicity

Zinc oxide

LC50 Rat: > 5.7 mg/l, 4 h

Acute dermal toxicity:

Propane-1,2-diol

LD50 Rabbit: > 5,000 mg/kg

The substance or mixture has no acute dermal toxicity

Skin irritation:

Propane-1,2-diol

Rabbit

Result: No skin irritation

Zinc oxide

Rabbit

Result: No skin irritation

Method: OECD 404

Eye irritation:

Propane-1,2-diol

Rabbit

Result: No eye irritation

Zinc oxide

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

Zinc oxide

Human experience

Result: Does not cause skin sensitisation.

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guinea pig

Result: Does not cause skin sensitisation.

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

Zinc oxide

NOEL 50mg/kg/d

Genotoxicity in vitro:

Propane-1,2-diol

Ames test Bacteria

Dose: yes

Result: negative

Method: OECD 471

Mammalian cells

Result: negative

Method: OECD 476

Zinc oxide

Ames test

Result: negative

Genotoxicity in vivo:

Propane-1,2-diol

Result: negative

Method: OECD 478

Zinc oxide

Result: No indication of mutagenic effects.

Carcinogenicity:

Propane-1,2-diol

Rat:

Exposure time: 2 a

Number of exposures: once daily

Result: negative

Zinc oxide

Result: Animal testing did not show any carcinogenic effects.

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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.

Zinc oxide

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.

Zinc oxide

Result: Did not show teratogenic effects in animal experiments.

Carcinogenicity:

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

Experience with human exposure:**Components:****1314-13-2 :**

no zinc fever

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:

Propane-1,2-diol

Acute Fish toxicity: LC50 40,613 mg/l

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

Zinc oxide

LC50 1.1 mg/l

Test species: Oncorhynchus mykiss (rainbow trout) 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

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Zinc oxide

EC50 > 1,000 mg/l

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

Propane-1,2-diol

IC50 19,100 mg/l

tested on: *Pseudokirchneriella subcapitata* (green algae)

Zinc oxide

Growth rate EC50 0.17 mg/l

tested on: *Scenedesmus capricornutum* (fresh water algae) Duration of test: 72 h**Toxicity to bacteria:**

Propane-1,2-diol

NOEC 20,000 mg/l

tested on: *Pseudomonas putida*

Duration of test: 18 h

Biodegradability:

Propane-1,2-diol

87 - 92 %, 28 d rapidly biodegradable

Method: OECD 301 C

Bioaccumulation:

Propane-1,2-diol

Bioconcentration factor (BCF)

0.09

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)**

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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. (ZINC OXIDE)
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. (ZINC OXIDE)
Class	9
Packaging group	III
IMDG-Labels	9
EmS Number	F-A
Marine pollutant	yes

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

Massachusetts, New Jersey or Pennsylvania Right to Know Substance Lists

Weight percent	Components	CAS-No.
3 - 7%	Propane-1,2-diol	57-55-6
10 - 30%	Zinc oxide	1314-13-2

California Prop. 65

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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.