

# SAFETY DATA SHEET



## COPPERTONE New Sport Lotion SPF 30 & SPF 50

Version 1.1

Revision Date 01/03/2019

122000016878  
Print Date 01/03/2019

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

#### Product information

**Product Name:** COPPERTONE New Sport Lotion SPF 30 & SPF 50  
**Synonyms:** COPPERTONE Lotion SPF 50 with Sport Fragrance  
COPPERTONE New Sport Lotion SPF 30  
COPPERTONE New Sport Lotion SPF 50  
COPPERTONE Lotion SPF 30 with Sport Fragrance  
**SDS Number:** 122000016878  
**UI Number:** 1614107, 1612670, 1614106, 1612669

**Use** : Consumers

#### 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

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### 2. HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

Not a hazardous substance or mixture.

#### Label elements

#### Labelling according to national GHS implementation:

Not a hazardous substance or mixture.

#### Other hazards

Other hazards which do not result in classification:  
None known.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is a mixture.

#### Hazardous components

#### 2-phenoxyethanol

Concentration [Weight percent] 1  
CAS-No.: 122-99-6  
CAS name: Ethanol, 2-phenoxy-

SAFETY DATA SHEET



**COPPERTONE New Sport Lotion SPF 30 & SPF 50**

Version 1.1

Revision Date 01/03/2019

122000016878  
Print Date 01/03/2019

**GHS Classification:**



Acute Tox. 4 H302  
Eye Irrit. 2A H319

**Isododecane**

Concentration [Weight percent] 1  
CAS-No.: 13475-82-6  
CAS name: Heptane, 2,2,4,6,6-pentamethyl-

**GHS Classification:**



Flam. Liq. 3 H226

**DL- $\alpha$ -Tocopherole**

Concentration [Weight percent] 0.25  
CAS-No.: 10191-41-0  
CAS name: 2H-1-Benzopyran-6-ol, 3,4-Dihydro-2,5,7,8-Tetramethyl-2-(4,8,12-Trimethyl-Tridecyl)-

**GHS Classification:**



Skin Sens. 1 H317

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**contains**

**Glycerol**

Concentration [Weight percent] 2  
CAS-No.: 56-81-5  
CAS name: 1,2,3-Propanetriol

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For the full text of the H-Statements mentioned in this Section, see Section 16.

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**4. FIRST AID MEASURES**

**Description of 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.

**Most important acute symptoms/effects**

**Symptoms:** No information available.

**Risks:** No information available.

**Indication of any immediate medical attention and special treatment needed**

No information available.

# SAFETY DATA SHEET



## COPPERTONE New Sport Lotion SPF 30 & SPF 50

Version 1.1

Revision Date 01/03/2019

122000016878  
Print Date 01/03/2019

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### 5. FIREFIGHTING MEASURES

#### Extinguishing media

**Suitable extinguishing media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### Special hazards arising from the substance or mixture

**Specific hazards during firefighting:** Fire may cause evolution of: Carbon monoxide (CO) Carbon dioxide (CO<sub>2</sub>)

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

#### Advice for firefighters

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

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### 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

#### Environmental precautions

#### Methods and materials for containment and cleaning up

**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.

#### Reference to other sections

**Additional advice:** No special precautions required.

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### 7. HANDLING AND STORAGE

#### Precautions for safe handling

##### Handling:

Avoid formation of aerosol. Use with local exhaust ventilation. Avoid contact with skin, eyes and clothing.

The product is not flammable. No special protective measures against fire required.

#### Conditions for safe storage, including any incompatibilities

#### Specific end use(s)

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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

## SAFETY DATA SHEET

**COPPERTONE New Sport Lotion SPF 30 & SPF 50**

Version 1.1

Revision Date 01/03/2019

122000016878

Print Date 01/03/2019

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Glycerol	56-81-5	TWA (mist, respirable fraction)	5 mg/m <sup>3</sup>	OSHA Z-1
		TWA (mist, total dust)	10 mg/m <sup>3</sup>	OSHA Z-1

**Hazardous components without workplace control parameters**

Components	CAS-No.
2-phenoxyethanol	122-99-6
Isododecane	13475-82-6
DL- $\alpha$ -Tocopherole	10191-41-0

**Personal protective equipment**

- Respiratory protection : Recommended Filter type:  
Organic vapor with prefilter  
  
None required for consumer use of this product.
- Hand protection  
Material : Chemically resistant gloves.
- Remarks : None required for consumer use of this product.
- Eye protection : Safety glasses
- Protective measures : Wear suitable protective equipment.  
Please consult label for end-user requirements.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

- Form: liquid
- Colour: No statements available.
- Odour: No statements available.
- Melting point / range: No statements available.
- Boiling point/boiling range: No statements available.
- Density: No statements available.
- Bulk density: Not applicable
- Vapour pressure: No statements available.
- Viscosity, dynamic: No statements available.
- Viscosity, kinematic: No statements available.
- Flow time: No statements available.
- Surface tension: No statements available.

# SAFETY DATA SHEET



## COPPERTONE New Sport Lotion SPF 30 & SPF 50

Version 1.1

Revision Date 01/03/2019

122000016878  
Print Date 01/03/2019

Water solubility:	No statements available.	
Solubility(ies):	No statements available.	
pH:	No statements available.	
Corrosive to metal:	No statements available.	
Partition coefficient (n-octanol/water):	2-phenoxyethanol log Pow: 1.2 at 23 °C at pH 7 DL- $\alpha$ -Tocopherole log Pow: 12.2	OECD 107 Calculation method
Ignition temperature:	No data available	
Flash point:	No statements available.	
Inflammability (solid, gaseous):	Not applicable	
Explosion limits:	2-phenoxyethanol upper: 9 %(V) lower: 1.4 %(V)	
<b>Other information</b>		
Miscibility with water:	No statements available.	

### 10. STABILITY AND REACTIVITY

#### Reactivity

No statements available.

#### Reactions with water / air:

No statements available.

#### Ignition temperature:

No data available

#### Burning number:

No statements available.

#### Chemical stability

No data available

#### Thermal decomposition:

No data available

#### Dust explosion characteristic number:

Not applicable

#### Dust explosion class:

Not applicable

#### Heating under defined confinement:

Note: No data available

#### Impact sensitivity:

No data available

#### Hazardous reactions:

No data available

# SAFETY DATA SHEET



## COPPERTONE New Sport Lotion SPF 30 & SPF 50

Version 1.1

Revision Date 01/03/2019

122000016878

Print Date 01/03/2019

### Explosive properties:

No statements available.

### Possibility of hazardous reactions

#### deflagration ability:

No data available

#### Smoldering combustion:

No data available

#### Conditions to avoid

No data available

#### Minimum ignition energy:

No data available

#### Volume resistivity:

No data available

### Oxidizing properties:

No data available

### Incompatible materials

#### Materials to avoid:

Oxidizing agents

### Hazardous decomposition products

Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)

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## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

#### Product:

Acute oral toxicity : Acute toxicity estimate (ATE): > 5,000 mg/kg  
Method: Calculation method

#### Components:

##### 2-phenoxyethanol:

Acute oral toxicity : Assessment: The component/mixture is moderately toxic after single ingestion.

Acute inhalation toxicity : Exposure time: 8 h  
Assessment: No adverse effect has been observed in acute toxicity tests.  
Remarks: Under the conditions of the test no mortality caused.

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg  
Assessment: No adverse effect has been observed in acute toxicity tests.

# SAFETY DATA SHEET



## COPPERTONE New Sport Lotion SPF 30 & SPF 50

Version 1.1

Revision Date 01/03/2019

122000016878

Print Date 01/03/2019

### Skin corrosion/irritation

#### Components:

##### **2-phenoxyethanol:**

Method: OECD 404

Result: No skin irritation

##### **DL- $\alpha$ -Tocopherole:**

Species: Rabbit

Method: OECD 404

Result: No skin irritation

### Serious eye damage/eye irritation

#### Components:

##### **2-phenoxyethanol:**

Result: Irritating to eyes.

Assessment: Causes serious eye irritation.

##### **DL- $\alpha$ -Tocopherole:**

Result: Redness

### Respiratory or skin sensitisation

#### Product:

Test Type: Skin sensitisation

Result: Does not cause skin sensitisation.

Remarks: Expert judgement

#### Components:

##### **2-phenoxyethanol:**

Species: Guinea pig

Method: OECD 406

Remarks: Non-sensitizer

##### **DL- $\alpha$ -Tocopherole:**

Species: Guinea pig

Assessment: May cause an allergic skin reaction.

Method: OECD 406

Result: May cause sensitisation by skin contact.

Species: Human experience

Remarks: May cause sensitisation of susceptible persons.

# SAFETY DATA SHEET



## COPPERTONE New Sport Lotion SPF 30 & SPF 50

Version 1.1

Revision Date 01/03/2019

122000016878

Print Date 01/03/2019

### Germ cell mutagenicity

#### Components:

#### 2-phenoxyethanol:

Genotoxicity in vitro : Remarks: Tests with bacteria and mammalian cells showed no evidence of genotoxic effects.

Genotoxicity in vivo : Test Type: Micronucleus test  
Result: negative

#### DL- $\alpha$ -Tocopherole:

Genotoxicity in vitro : Remarks: Tests with bacteria and mammalian cells showed no evidence of genotoxic effects.

### Carcinogenicity

#### IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

#### OSHA

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

#### NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

### STOT - single exposure

#### Components:

#### DL- $\alpha$ -Tocopherole:

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

### STOT - repeated exposure

#### Components:

#### DL- $\alpha$ -Tocopherole:

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

### Further information

#### Components:

#### DL- $\alpha$ -Tocopherole:

Pharmaceutic effects

Remarks: Vitamin preparation

Remarks: Ingestion of large quantities:

Diarrhoea

# SAFETY DATA SHEET



## COPPERTONE New Sport Lotion SPF 30 & SPF 50

Version 1.1

Revision Date 01/03/2019

122000016878

Print Date 01/03/2019

Nausea  
Tiredness  
Weakness

### 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

##### Components:

##### **2-phenoxyethanol:**

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 344 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other : EC50: > 500 mg/l  
aquatic invertebrates Exposure time: 48 h

Toxicity to algae : EC50 (Scenedesmus subspicatus): > 500 mg/l  
Exposure time: 72 h  
Method: DIN 38412

Toxicity to fish (Chronic : NOEC (Pimephales promelas (fathead minnow)): 23 mg/l  
toxicity) Exposure time: 34 d

Toxicity to daphnia and other : NOEC (Daphnia magna (Water flea)): 9.43 mg/l  
aquatic invertebrates Exposure time: 21 d  
(Chronic toxicity) Method: OECD 211

Toxicity to bacteria : (activated sludge micro-organism): ca. 620 mg/l  
Exposure time: 0.5 h  
Method: ISO 8192

Toxicity to soil dwelling : LC50 (Eisenia fetida (earthworms)): 1,000 mg/kg  
organisms Exposure time: 14 d

Toxicity to terrestrial : Remarks: No statements available.  
organisms

#### **Ecotoxicology Assessment**

Acute aquatic toxicity : slightly water endangering

##### **DL- $\alpha$ -Tocopherole:**

Toxicity to fish : LC0 (Salmo gairdneri):  $\geq$  10 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): > 100 mg/l  
aquatic invertebrates Exposure time: 48 h  
Method: OECD 202

Toxicity to algae : ErC50 (Pseudokirchneriella subcapitata (green algae)): > 26  
mg/l

# SAFETY DATA SHEET



## COPPERTONE New Sport Lotion SPF 30 & SPF 50

Version 1.1

Revision Date 01/03/2019

122000016878  
Print Date 01/03/2019

Exposure time: 72 h  
Method: OECD 201

Toxicity to bacteria : (activated sludge micro-organism): > 100 mg/l

### Ecotoxicology Assessment

Chronic aquatic toxicity : No toxicity at the limit of solubility, This product has no known ecotoxicological effects.

### Persistence and degradability

#### Components:

##### **2-phenoxyethanol:**

Biodegradability : Result: Readily biodegradable.

Biochemical Oxygen Demand (BOD) : Biochemical oxygen demand within 5 days  
2,152 mg/g  
Incubation time: 28 d

Chemical Oxygen Demand (COD) : 2,203 mg/g

##### **DL- $\alpha$ -Tocopherole:**

Biodegradability : Biodegradation  
Result: Not readily biodegradable.  
Biodegradation: 8 %  
Exposure time: 28 d  
Method: OECD 301F

Biodegradation  
Result: Inherently biodegradable.  
Biodegradation: 70 - 80 %  
Exposure time: 63 d  
Method: OECD 301F

### Bioaccumulative potential

#### Components:

##### **2-phenoxyethanol:**

Bioaccumulation : Remarks: This substance is not considered to be very persistent and very bioaccumulating (vPvB).

Partition coefficient: n-octanol/water : log Pow: 1.2 (23 °C)  
pH: 7  
Method: OECD 107

##### **DL- $\alpha$ -Tocopherole:**

Partition coefficient: n-octanol/water : log Pow: 12.2  
Method: Calculation method

SAFETY DATA SHEET



**COPPERTONE New Sport Lotion SPF 30 & SPF 50**

Version 1.1

Revision Date 01/03/2019

122000016878  
Print Date 01/03/2019

**Mobility in soil**

No data available

**Other adverse effects**

**Product:**

Additional ecological information : Do not allow to enter surface waters or groundwater.

**Components:**

**DL- $\alpha$ -Tocopherole:**

Results of PBT and vPvB assessment : This substance is not considered to be persistent, bioaccumulating and toxic (PBT).

: This substance is not considered to be very persistent and very bioaccumulating (vPvB).

**13. DISPOSAL CONSIDERATIONS**

**Disposal methods**

Waste from residues : 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**

**US Land transport (CFR)**  
non-regulated

**Sea transport (IMDG)**

<b>UN Number</b>	3082
<b>Description of the goods</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (AVOBENZONE)
<b>Class</b>	9
<b>Packaging group</b>	III
<b>IMDG-Labels</b>	9
<b>EmS Number</b>	F-A

SAFETY DATA SHEET



**COPPERTONE New Sport Lotion SPF 30 & SPF 50**

Version 1.1

Revision Date 01/03/2019

122000016878  
Print Date 01/03/2019

<b>Marine pollutant</b>	yes
<b><u>Air transport (IATA)</u></b>	
<b>UN Number</b>	3082
<b>Description of the goods</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (AVOBENZONE)
<b>Class</b>	9
<b>Packaging group</b>	III
<b>Dangerous goods labels</b>	9
<b>Environmentally hazardous</b>	yes

**15. REGULATORY INFORMATION**

**EPCRA - Emergency Planning and Community Right-to-Know Act**

**CERCLA Reportable Quantity**

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Potassium hydroxide	1310-58-3	1000	*

\*: Calculated RQ exceeds reasonably attainable upper limit.

**SARA 304 Extremely Hazardous Substances Reportable Quantity**

This material does not contain any components with a section 304 EHS RQ.

**SARA 302 Extremely Hazardous Substances Threshold Planning Quantity**

This material does not contain any components with a section 302 EHS TPQ.

**SARA 311/312 Hazards** : No SARA Hazards

**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**US State Regulations**

**Massachusetts Right To Know**

Silicon dioxide 7631-86-9

**Pennsylvania Right To Know**

Glycerol 56-81-5  
Silicon dioxide 7631-86-9  
Potassium hydroxide 1310-58-3

**New York City Hazardous Substances**

Potassium hydroxide 1310-58-3

**California List of Hazardous Substances**

Silicon dioxide 7631-86-9

**California Permissible Exposure Limits for Chemical Contaminants**

Glycerol 56-81-5

# SAFETY DATA SHEET



## COPPERTONE New Sport Lotion SPF 30 & SPF 50

Version 1.1

Revision Date 01/03/2019

122000016878  
Print Date 01/03/2019

**The components of this product are reported in the following inventories:**

TSCA : Not On TSCA Inventory

### TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

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## 16. OTHER INFORMATION

### Full text of H-Statements mentioned in chapters 2 and 3

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

### 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.