



## SAFETY DATA SHEET

122000012693

**Coppertone Sunscreen Sprays (Alcohol-Based Aerosol)**

Version 1.1

Revision Date 05/19/2015

---

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

**Product Name:** Coppertone Sunscreen Sprays (Alcohol-Based Aerosol)  
**Synonyms:** COPPERTONE Sport 30 C-Spray  
Coppertone Dry Oil Continuous Sunscreen Spray SPF 4-10  
Coppertone Sport Pro Series Continuous Spray SPF 15  
Coppertone Sport Pro Series Continuous Spray SPF 50+  
Coppertone Sport Pro Series Continuous Spray SPF 30  
Coppertone Kids Continuous Spray SPF 30-70  
Coppertone Sport Continuous Spray Sunscreen SPF 15-100+  
Coppertone UltraGuard Continuous Sunscreen Spray SPF 15-70  
Coppertone Tanning Dry Oil Continuous Spray SPF 15  
Coppertone Sport Pro Series C-Spray SPF15  
Coppertone Tattoo Guard Continuous Spray SPF 50  
Coppertone Continuous Spray Sunscreen SPF 15-70  
COPPERTONE Kids 50 C-Spray

SDS Number: 122000012693

**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**

<b>Colour:</b> yellow <b>Form:</b> aerosol
--

**GHS Classification:**

**Flammable aerosols** : Category 2


**GHS Label element:**

**Coppertone Sunscreen Sprays (Alcohol-Based Aerosol)**

Version 1.1

Revision Date 05/19/2015

---

<b>Hazard pictograms</b>	:	
<b>Signal word</b>	:	Danger
<b>Hazard statements</b>	:	H223 Flammable aerosol. H229 Pressurized container: May burst if heated.
<b>Precautionary statements</b>	:	P102 Keep out of reach of children. <b>Prevention:</b> 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. <b>Response:</b> P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction. <b>Storage:</b> P403 + P235 Store in a well-ventilated place. Keep cool. P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

---

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Weight percent</b>	<b>Components</b>	<b>CAS-No.</b>
60 - 100%	Ethanol pure	64-17-5
1 - 5%	Glycerol	56-81-5

---

**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.

**Coppertone Sunscreen Sprays (Alcohol-Based Aerosol)**

Version 1.1

Revision Date 05/19/2015

---

**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 (CO<sub>2</sub>)

**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**

**Coppertone Sunscreen Sprays (Alcohol-Based Aerosol)**

Version 1.1

Revision Date 05/19/2015

---

**Ethanol pure (64-17-5)**

US. ACGIH Threshold Limit Values

Short Term Exposure Limit (STEL): 1,000 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Recommended exposure limit (REL): 1,000 ppm, 1,900 mg/m<sup>3</sup>

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

PEL: 1,000 ppm, 1,900 mg/m<sup>3</sup>**Glycerol (56-81-5)**

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

PEL: 5 mg/m<sup>3</sup> (Respirable fraction.)

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

PEL: 15 mg/m<sup>3</sup> (Total dust.)**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:	aerosol
Colour:	yellow
Odour:	No applicable information is available
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

**Coppertone Sunscreen Sprays (Alcohol-Based Aerosol)**

Version 1.1

Revision Date 05/19/2015

---

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:	69.8 °F (21 °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.

**Thermal decomposition:**

No data available

**Hazardous decomposition products:**

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

**Oxidizing properties:**

No statements available.

**Impact sensitivity:**

No data available

---

**11. TOXICOLOGICAL INFORMATION****Other information on toxicity:**

Glycerol

Inhalation of vapors causes irritation of the respiratory tract.

Ingestion of large quantities: Vomiting, Abdominal pain, headaches, Dizziness, Diarrhoea, Cyanosis

**Other information on toxicity:**

Ethanol pure

Breathing of the fumes may lead to narcotic symptoms.

If inhaled: headaches, Vomiting, Nausea

**Coppertone Sunscreen Sprays (Alcohol-Based Aerosol)**

Version 1.1

Revision Date 05/19/2015

---

After absorption of large quantities hypotension, coma, Unconsciousness, respiratory paralysis

**Acute oral toxicity:**

Glycerol

LD50 Rat: &gt; 20,000 mg/kg

The substance or mixture has no acute oral toxicity

Ethanol pure

LD50 Rat: 10,470 mg/kg

The substance or mixture has no acute oral toxicity

Method: OECD 401

**Acute inhalation toxicity:**

Glycerol

LC50 Rat, male: &gt; 2.75 mg/l, 4 h

The substance or mixture has no acute inhalation toxicity

Method: Calculation method

Ethanol pure

LC50 Rat: 124.7 mg/l, 4 h

ca. 65360 ppm, 4 h

The substance or mixture has no acute inhalation toxicity

Method: OECD 403

**Acute dermal toxicity:**

Glycerol

LD50 Rabbit: &gt; 18,700 mg/kg

The substance or mixture has no acute dermal toxicity

Ethanol pure

LD50 Rabbit: 15,800 mg/kg

The substance or mixture has no acute dermal toxicity

**Skin irritation:**

Glycerol

Rabbit

Result: No skin irritation

Ethanol pure

Rabbit

Result: No skin irritation

Method: OECD 404

**Eye irritation:**

Glycerol

Rabbit

Result: No eye irritation

Ethanol pure

Rabbit

Result: Causes eye irritation.

Method: OECD 405

**Coppertone Sunscreen Sprays (Alcohol-Based Aerosol)**

Version 1.1

Revision Date 05/19/2015

---

**Sensitisation:**

Glycerol

Patch test on human volunteers did not demonstrate sensitisation properties.

Ethanol pure

Skin sensitization guinea pig

Result: Does not cause skin sensitisation.

Method: Local lymph node test (LLNA)

**Genotoxicity in vitro:**

Glycerol

Ames test

Result: negative

Ethanol pure

Ames test Salmonella typhimurium

Result: negative

Method: OECD 471

Mouse lymphoma assay

Result: negative

Method: OECD 476

**Genotoxicity in vivo:**

Ethanol pure

Chromosome aberration test in vivo, Mouse

Result: ambiguous

Method: OECD 478

Micronucleus test, Mouse

Result: negative

Method: OECD 474

**Carcinogenicity:**

Ethanol pure

Result: Animal testing did not show any carcinogenic effects.

**Reproductive toxicity:**

Ethanol pure

Application Route: Oral

Mouse: NOAEL: 15%

Result: Animal testing did not show any effects on fertility.

Method: OECD Test Guideline 416

**Teratogenicity:**

Ethanol pure

Application Route: inhalation

Rat: NOAEL: 38 mg/l

Result: Animal studies have produced no evidence of harmful effects on development.

Method: OECD 414

**Carcinogenicity:**

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

**Coppertone Sunscreen Sprays (Alcohol-Based Aerosol)**

Version 1.1

Revision Date 05/19/2015

---

**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:**

Glycerol

Acute Fish toxicity: LC100 51,000 - 57,000 mg/l

Test species: *Oncorhynchus mykiss* (rainbow trout) Duration of test: 96 h

Acute Fish toxicity: LC50 &gt; 44,000 mg/l

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

Ethanol pure

LC50 8,140 mg/l

Test species: *Leuciscus idus* (Golden orfe) Duration of test: 48 h**Toxicity to daphnia and other aquatic invertebrates:**

Glycerol

EC50 &gt; 10,000 mg/l

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

EC0 &gt; 500 mg/l

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

Ethanol pure

EC50 9,268 - 14,221 mg/l

Test species: *Daphnia magna* (Water flea)**Toxicity to algae:**

Glycerol

IC5 &gt; 10,000 mg/l

tested on: *Scenedesmus quadricauda* (Green algae) Duration of test: 7 d

Ethanol pure

Toxic limit concentration 5,000 mg/l

tested on: *Scenedesmus quadricauda* (Green algae)**Toxicity to bacteria:**

Glycerol

EC5 &gt; 10,000 mg/l

tested on: *Pseudomonas putida*

Duration of test: 16 h



**Coppertone Sunscreen Sprays (Alcohol-Based Aerosol)**

Version 1.1

Revision Date 05/19/2015

---

EC5 3,200 mg/l  
tested on: Protozoa  
Duration of test: 72 h

Ethanol pure  
Toxic limit concentration 6,500 mg/l  
tested on: Pseudomonas putida

**Biodegradability:**

Glycerol  
63 %, 14 d rapidly biodegradable  
Method: OECD 301 C

Ethanol pure  
rapidly biodegradable

**Bioaccumulation:**

Glycerol

Bioaccumulation is unlikely.

Ethanol pure

Bioaccumulation is unlikely.

---

**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)**

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

**Coppertone Sunscreen Sprays (Alcohol-Based Aerosol)**

Version 1.1

Revision Date 05/19/2015

---

**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  
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

**Massachusetts, New Jersey or Pennsylvania Right to Know Substance Lists**

**Coppertone Sunscreen Sprays (Alcohol-Based Aerosol)**

Version 1.1

Revision Date 05/19/2015

---

<b>Weight percent</b>	<b>Components</b>	<b>CAS-No.</b>
1 - 5%	Glycerol	56-81-5
50 - 100%	Ethanol pure	64-17-5

**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.