

**Material Safety Data Sheet**

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- **1 Identification of substance**

- **Product details**

- **Name:** Coppertone Organic/Inorganic Sunscreen Lotions

- **MSDS Number:** SP001376

- **TRADE NAMES/SYNONYM(s):**

Coppertone Oil-Free Sensitive Skin Lotion SPF-30  
Coppertone Spectra 3 Lotion SPF-30

- **Manufacturer/Supplier:**

Schering-Plough HealthCare Products, Inc. 3030 Jackson Avenue  
Memphis, TN 38151

- **Information department:**

Safety/Environmental Affairs (901)320-2384  
Schering-Plough MSDS HelpLine: (800)770-8878 (USA & Canada) (908)  
629-3657 (Worldwide)

- **Emergency information:**

Schering-Plough Security Control Center (24 hours): (908)820-6921  
Transportation Emergencies-CHEMTREC: (800)424-9300 (Inside  
Continental USA) (703)527-3887 (Outside Continental USA)

- **2 Composition/Data on components**

- **Chemical formula:** Mixture.

- **Description:**

The formulations for these products are proprietary information and are mixtures of hazardous and/or non-hazardous materials.

These mixtures contain the listed hazardous components in concentrations >1%; other hazardous components may be present in concentrations <1%. No carcinogens or potential carcinogens listed by NTP, IARC, or OSHA are present in concentrations >0.1% in these mixtures.

**Hazardous components:**

CAS No.	Description	%
5466-77-3	Octyl Methoxycinnamate	0-7.5%

118-60-5	Octyl Salicylate	0-5%
118-56-9	Homomenthyl Salicylate	0-15%
1314-13-2	Zinc Oxide	0-25%
6197-30-4	Octocrylene	0-10%
57-55-6	Propylene Glycol	

o **Additional information:**

This MSDS is written to provide health and safety information for individuals who will be handling the final product formulation during research and manufacture. For health and safety information for individual components during manufacturing, refer to the appropriate MSDS of each component. Refer to the package insert or product label for handling guidance for the consumer.

• **3 Hazards identification**

o **EMERGENCY OVERVIEW:** White to off-white lotion.

o **Potential Health Effects:**

Although some components that are used in the manufacture of this product are considered hazardous on an individual basis, the final formulation of this product is considered non-hazardous when used according to manufacturer's directions.

May cause slight eye irritation. In a human study, slight to moderate skin irritation was seen in a small number of individuals.

o **Additional information:**

No carcinogens or potential carcinogens listed by NTP, IARC, or OSHA are present in concentrations >0.1% in this mixture.

• **4 First aid measures**

o **Respiratory:**

Remove to fresh air. If any trouble breathing, get immediate medical attention. Administer artificial respiration if breathing has ceased. If irritation or symptoms occur or persist, consult a physician.

o **Dermal:**

In case of skin contact, while wearing protective gloves, carefully remove any contaminated clothing, including shoes, and wash skin thoroughly with soap and water. If irritation or symptoms occur or persist, consult a physician.

o **Eye:**

In case of eye contact, immediately rinse eyes thoroughly with plenty of water. If wearing contact lenses, remove only after initial rinse, and continue rinsing eyes for at least 15 minutes.

If irritation occurs or persists, consult a physician.

o **Ingestion:**

Rinse mouth with water. If symptoms develop, consult a physician

• **5 Fire fighting measures**

o **Suitable extinguishing agents:** Water, dry chemical, or CO<sub>2</sub>.

o **Protective equipment:**

Wear full protective clothing and self-contained breathing apparatus (SCBA).

• **6 Accidental release measures**

o **Person-related safety precautions:**

Keep personnel away from the clean-up area. Wear appropriate personal protective equipment as specified in Section #8.

o **Measures for environmental protection:**

Spills should be handled in accordance with standard operating procedures. Chemical decontamination is recommended.

o **Measures for cleaning/collecting:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Sweep, scoop, or use a HEPA vacuum to clean up spill.

o **Additional information:** See Section 10: Stability and reactivity.

• **7 Handling and storage**

o **Handling:**

Ensure adequate ventilation. No special containment or traditional process technologies are required. Materials should be transported in contamination-free containers with appropriate labels. Use of secondary containers is suggested where appropriate.

o **Storage:** Store in a cool, dry, well ventilated area.

• **8 Exposure controls and personal protection**

o **Engineering Controls:**

For laboratories and small-scale operations, no special containment is required. Work may be performed on the benchtop if materials are non-volatile or not dusty. Otherwise, materials should be handled in a properly functioning chemical fume hood, ventilated enclosure or controlled by local exhaust ventilation.

For manufacturing and large-scale operations, traditional process technologies are acceptable. Mechanical engineering controls, such as local exhaust ventilation, is preferred at dust or aerosol generating points. Recirculation of air from operating areas is not permitted into non-production or non-operating areas.

### Occupational Exposure Guidelines and Standards

o **Breathing equipment:**

None required for consumer use of product.

Respirators are not normally required; however, appropriate respiratory protection may be required in situations where exposure may exceed the recommended ECG/OEG, e.g. spills, process upsets, or non-routine maintenance. Consult your site safety staff for additional guidance.

o **Skin protection:**

None required for consumer use of product.

Gloves that provide an appropriate barrier to skin contact by the materials being handled are required. Consult your site safety staff for additional guidance.

o **Eye protection:**

None required for consumer use of product.

Safety glasses with side shields. Use of goggles or full face protection may be required. Consult your site safety staff for additional guidance.

o **Body protection:**

None required for consumer use of product.

In small-scale or laboratory operations, lab coats or other equivalent protective clothing is required.

In large-scale or manufacturing operations, lab coats or other equivalent protective clothing is required.

### o 9 Physical and chemical properties

o **Form:** Lotion

o **Color:** White to off-white

o **Odor:** Characteristic

o

Value/Range    Unit    Method

o **Flash point:**

Not determined.

o **Density:**

1.048 g/cm<sup>3</sup>

- o Solubility in/Miscibility with
- o Water: Partly soluble
- o pH-value: 6.5-8.0

• **10 Stability and reactivity**

- o **Thermal decomposition/conditions to be avoided:**  
No decomposition is expected if used and stored according to specifications.
- o **Dangerous reactions:**  
No dangerous reactions known if used according to specifications.
- o **Dangerous products of decomposition:**  
No decomposition is expected if used according to specifications.

• **11 Toxicological information**

- o **Acute toxicity:**
- o **Oral:** Practically not toxic.

**Skin:**

Slight to moderate irritation was observed in a small number of humans in a repeat patch test.

**Eye:**

Slightly irritating.

**Sensitization:**

Not sensitizing.

- o **Additional Information:**  
Negative in phototoxicity and photoallergy studies.
- o **Carcinogenicity:**  
The carcinogenicity of this material has not been evaluated.

• **12 Ecological information**

Not available.

• **13 Disposal considerations**

- o **Recommendation:**

Disposal must be in accordance with applicable federal, state, provincial, and/or local regulations. Incineration is the preferred method of disposal, when appropriate.

• **14 Transport information**

This material is not subject to the transportation regulations of DOT, ICAO, IMO, and the ADR.

• **15 Regulations**

**TSCA (Toxic Substances Control Act):**

This formulation is not subject to TSCA requirements.

o **Product related hazard information:**

The product is not subject to identification regulations according to directives on hazardous materials.

• **16 Other information**

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).

o **Department issuing MSDS:**

Safety & Industrial Hygiene Schering-Plough Corporation 1095  
Morris Avenue Union, NJ 07083 USA  
Schering-Plough MSDS HelpLine: (800)770-8878 (USA & Canada) (908)  
629-3657 (Worldwide)

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