



\* *Pharmaceuticals*  
\* *Fine Chemicals*  
\* *Cosmeceuticals*

\* *Phytochemicals*  
\* *Herbal Extracts*  
\* *Speciality Chemicals*

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**MATERIAL SAFETY DATA SHEET**  
**COSMOPERINE<sup>®</sup>**  
**(Tetrahydropiperine)**

**Ref: No. MS-0496-01**

Effective Date: November 2005

Review Date : October 2008

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<b>Reviewed</b>	<b>On: October 2008</b>
	<b>By : Velmurugan</b>
<b>Next revision</b>	<b>September 2011</b>

***1. IDENTITY***

Supplier's Name	Sabinsa corporation
Address	70, Ethel Road West Piscataway. NJ-08854 USA
Telephone No. For Information	732 777 1111
Emergency Telephone No.	732 777 1111
Name	Cosmoperine
INCI Name	Tetrahydropiperine
Applications	Cosmeceuticals

***2. INGREDIENTS/IDENTITY INFORMATION***

COMPONENT	CAS No.	EINECS No.
Cosmoperine <sup>®</sup>	-	-

***3. IDENTIFICATION OF THE HAZARDS***

Hazardous reactions	No hazardous reactions
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***4. PRECAUTIONS FOR SAFE HANDLING AND USE***

Inhalation	Danger unknown
Contact with Skin	Wash thoroughly with water and soap
Contact with Eyes	Wash with copious quantity of water, Consult an oculist
Ingestion	Rinse mouth and obtain medical attention

***5. FIRE AND EXPLOSION HAZARD DATA***

**Special fire fighting procedures and extinguishing media:**

Handling:	Water, carbon dioxide, water spray, dry Chemical powder and appropriate foam
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Prohibited:

Specific hazards:

Special protective equipment:

Material emits toxic fumes on combustion.  
Wear self-Contained breathing apparatus and  
protective clothing to prevent contact with skin and eyes.

**NFPA RATING (Estimated)**

**Health: 1 Flammability: 0 Reactivity: 0**



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## **6. ACCIDENTAL RELEASE MEASURES**

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In case of material is released or spilled

1. Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves.
2. Cover with absorbents and complete pick up material. Absorbents: Sand, saw dust, dry lime, soda ash.
3. Keep in a closed container for waste disposal
4. Ventilate area and wash spill site after material pick up is complete. Evacuate area.

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## **7. HANDLING AND STORAGE**

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Indications for protection against  
Fire and explosion:

1. Keep away from ignition source
2. No smoking

Storage condition:

1. Store at room temperature (15 to 25°)
2. Not to be stored with oxidizing agents

3. Incompatible material:

ND

**For more informations refer section 8**

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## **8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

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Eyes total protective glasses

Wash contaminated cloth before reuse

Discard contaminated shoes

Wash thoroughly after handling

Do not breathe vapor

Compatible chemical resistant gloves

When opening the container outside in open areas wear approved dust mask and in poorly ventilated areas wear NIOSH/MSHA approved respirator.

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## **9. PHYSICAL AND CHEMICAL PROPERTIES**

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Appearance	Crystalline
Color	Off white to white
Odor	Characteristic
Boiling point (°C)	NA
Melting point (°C)	41-42
Flash point (°C)	NA
Flammable limits (°C)	NA
Self-flaming (°C)	NA
Explosion limits (°C)	NA
Combustion properties	NA
Vapor pressure (mm Hg)	NA
Refractive index (20°C)	NA
Density, g/cm <sup>3</sup> (20°C)	NA
Solubility in water	Insoluble
Solubility other	Soluble in alcohol
Sharing coefficient	NA
Viscosity (mPa.S) (60°C)	NA



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***10. STABILITY AND REACTIVITY DATA***

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Stability:	Product is stable from safety point of view
Incompatibility:	Strong oxidizing agents
Hazardous combustion or Decomposition product:	Carbon monoxide and carbon dioxide,
Hazardous polymerization:	Will not occur

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***11. HEALTH HAZARDOUS***

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Index of primary cutaneous irritation:	Not irritant
Index of ocular irritation:	Slightly irritant

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***12. ECOLOGICAL INFORMATIONS***

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Mobility:	Free flowing Powder
Degradability	Not established
Accumulation	No known adverse bioaccumulation and biomagnifications
Short and long term effect Of ecotoxicity	No known ecological effect

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***13. DISPOSAL CONSIDERATIONS***

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Product and waste	can be eliminated as a non-hazardous industrial waste according to local regulations and federal law concerning waste elimination
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***14. TRANSPORT INFORMATION***

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Transport information	Consult applicable regulations for transport information
Additional information	Not available

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***15. REGULATORY INFORMATION***

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European information	S26: In case of contact with eyes rinse Immediately with plenty of water and seek Medical advice
	S36/37/37: Wear suitable protective clothing, Gloves and eye face protection

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***16. OTHER INFORMATION***

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The information contained herein is applicable solely to **Cosmoperine®** and does not relate any other use of the substance described. Its use is intended by persons having technical skill and at their own discretion and risk. The information has been developed by Sabinsa Corporation Lab staff from resources considered reliable but has not been independently verified by Sabinsa Corporation.

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**NA: Not available**