

# SAFETY DATA SHEET (EC 1907/2006)

PHYTOSPHINGOSINE SA

VA-No.

Version

1.0 / REG\_EU

Revision date

26.05.2014

Print Date

12/27/2014

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## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Trade name : PHYTOSPHINGOSINE SA

Chemical Name : Salicyloyl Phytosphingosine

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant applications identified : Industrial Use

Applications which are not advised : None known.

### 1.3. Details of the supplier of the safety data sheet

Company : Chanjao Longevity Co., Ltd.  
50 Ramindra 14,  
Bangkok 10230  
THAILAND

Telephone : +66 (0)2002-7-002

Telefax : +66 (0)2001-7-022

E-mail : care@myskinrecipes.com

## 2. Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Classification according to EU Directives 67/548/EEC or 1999/45/EC

No particular hazards known.

Warning - substance not yet tested completely.

### 2.2. Label elements

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

### 2.3. Other hazards

None known

## 3. Composition/information on ingredients

Salicyloyl Phytosphingosine

### 3.1. Substances

No dangerous ingredients according to Regulation (EC) No. 1272/2008.

### 3.2. Mixtures

-

## 4. First aid measures

### 4.1. Description of first aid measures

General advice : Remove soiled or soaked clothing immediately

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- Inhalation : Ensure supply of fresh air.
- Skin contact : In case of contact with skin wash off immediately with soap and water  
Consult a doctor if skin irritation persists.
- Eye contact : In case of contact with eyes rinse thoroughly with plenty of water. If symptoms persist,  
seek medical advice.
- Ingestion : Thoroughly clean the mouth with water  
In the event of symptoms seek medical advice.

## 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms : No information is on file to date regarding acute and/or delayed post-exposure  
symptoms and effects.

## 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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## 5. Fire-fighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : foam, carbon dioxide, dry powder, water spray.

Unsuitable extinguishing media : Full water jet

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

In the event of fire the following can be released:

- carbon dioxide, carbon monoxide
- Nitrogen oxides (NOx)

### 5.3. Advice for firefighters

Use self-contained breathing apparatus  
Do not inhale combustion gases

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.  
Collect contaminated firefighting water separately, must not be discharged into the drains.

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## 6. Accidental release measures

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

Use personal protective equipment.

### 6.2. Environmental precautions

Do not allow to enter drains or waterways  
Do not discharge into the subsoil/soil.

### 6.3. Methods and material for containment and cleaning up

Pick up mechanically  
Dispose of absorbed material in accordance with the regulations.

### 6.4. Reference to other sections

For further information on exposure monitoring and disposal see sections 8 and 13.

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## 7. Handling and storage

### 7.1. Precautions for safe handling

- Advice on safe handling : Ensure adequate ventilation.  
Avoid the formation and deposition of dust.
- Hygiene measures : Do not eat, drink or smoke when working.  
Wash hands before breaks and after work.

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General protective measures : Avoid contact with eyes and skin

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

### Prevention of fire and explosion

Information : Keep away from sources of ignition - no smoking  
Take precautionary measures against electrostatic loading.  
Dust can form an explosive mixture with air.

### Storage

Information : Use plastic containers

Further information on storage conditions : Keep container in a cool, well-ventilated place

German storage class : 11

## 7.3. Specific end use(s)

No further recommendations.

## 8. Exposure controls/personal protection

### 8.1. Control parameters

Contains no substances with occupational exposure limit values.

DNEL : No DNEL/DMEL values on file.

PNEC : No PNEC values on file.

### 8.2. Exposure controls

Eye protection : safety glasses

Hand protection : PVC gloves

Body Protection : protective clothing

Respiratory protection : in case of formation of vapours/dusts:  
Short term: filter apparatus, Filter P2

## 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : solid

Form : Powder

Colour : almost white

Odour : almost odourless

Odour Threshold : not measured

pH : not applicable

Melting point : not measured

Boiling point : not measured

Flash point : Not applicable

Evaporation rate : not measured

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Flammability : no data available

Upper  
Explosion/Ignition  
Limit : not applicable

Lower explosion limit : not applicable

Vapour pressure : not measured

Relative vapour  
density : not measured

Relative density : no data available

Solubility : not measured

Water solubility : not measured

Partition coefficient  
(n-octanol/water) : not measured

Autoignition  
temperature : not measured

Thermal  
decomposition : not measured

Viscosity, kinematic : no data available

Viscosity, dynamic : not applicable

Explosive properties : not measured

Oxidising properties : not measured

## 9.2. Other information

Density : not applicable

Metal corrosion : not measured

Ignition temperature : not measured

## 10. Stability and reactivity

### 10.1. Reactivity

see section "Possibility of hazardous reactions"

### 10.2. Chemical stability

The product is stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No hazardous reactions with proper storage and handling.

Accumulation of fine dust may entail the risk of a dust explosion in the presence of air.

### 10.4. Conditions to avoid

### 10.5. Incompatible materials

Unknown

### 10.6. Hazardous decomposition products

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None with proper storage and handling.

## 11. Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : LD50  
Species: Rat  
Dose: > 2,000 mg/kg

Acute toxicity (inhalation) : no data available

Acute toxicity (dermal) : no data available

Irritation/corrosion of the skin : Result: non-irritant

Serious eye damage/ eye irritation : Result: slight irritant effect - does not require labelling

Respiratory/skin sensitization : Result: non-sensitizing  
Classification: Did not cause sensitization on laboratory animals.

Repeated dose toxicity : no data available

#### CMR assessment

Carcinogenicity : no data available

Mutagenicity : no data available

Teratogenicity : no data available

Toxicity to reproduction : no data available

Specific Target Organ Toxicity - Single exposure : no data available

Specific Target Organ Toxicity - Repeated exposure : no data available

Other information : Proper use provided, no adverse health effects have been observed or have been come to our knowledge.

## 12. Ecological information

### Ecotoxicology Assessment

Acute aquatic toxicity : no data available

Chronic aquatic toxicity : no data available

### 12.1. Toxicity

Aquatic toxicity, fish : no data available

Aquatic toxicity, invertebrates : no data available

Aquatic toxicity, algae / aquatic plants : no data available

Toxicity in microorganisms : no data available

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chronic toxicity in fish : no data available

Chronic toxicity in aquatic Invertebrates : no data available

Toxicity in organisms which live in the soil : no data available

Toxicity in terrestrial plants : no data available

Toxicity to Above-Ground Organisms : no data available

## 12.2. Persistence and degradability

Photodegradation : no data available

Biological degradability : no data available

Physico-chemical removability : no data available

Biochemical Oxygen Demand (BOD) : no data available

Chemical Oxygen Demand (COD) : no data available

relation of BOD/COD : no data available

Dissolved organic carbon (DOC) : no data available

Adsorbed organic bound halogens (AOX) : no data available

Distribution among environmental compartments : no data available

## 12.3. Bioaccumulative potential

Bioaccumulation : no data available

## 12.4. Mobility in soil

Environmental distribution : no data available

## 12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment : No data available

## 12.6. Other adverse effects

General Information : The product is considered to be a water pollutant (German law).  
Do not allow to enter soil, waterways or waste water canal.

## 13. Disposal considerations

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## 13.1. Waste treatment methods

Product : In accordance with local authority regulations, take to special waste incineration plant

Contaminated packaging : If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

## 14. Transport information

Not dangerous according to transport regulations.

- |       |                               |    |
|-------|-------------------------------|----|
| 14.1. | UN number:                    | -- |
| 14.2. | UN proper shipping name:      | -- |
| 14.3. | Transport hazard class(es):   | -- |
| 14.4. | Packing group:                | -- |
| 14.5. | Environmental hazards:        | -- |
| 14.6. | Special precautions for user: | No |

## 15. Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### National legislation

Technical instructions : 5.2.5 (no class)  
on Air Quality

Major Accident : ---  
Hazard Legislation

Water contaminating : hazard to waters  
class (Germany) Classification acc. to German law

Risk classification : ---  
according to  
BetrSichV (Germany)

Other regulations : none

### 15.2. Chemical safety assessment

Chemical safety assessment : No chemical safety assessment was carried out for this product.

## 16. Other information

### List of references

Other information : Comply with national laws regulating employee instruction.  
Revision date : 26.05.2014

Changes since the last version are highlighted in the margin. This version replaces all previous versions. This information and all further technical advice is based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

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## Legend

<b>ADR</b>	European Agreement concerning the International Carriage of Dangerous Goods by Road
<b>ADN</b>	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
<b>ADNR</b>	European agreement concerning the international carriage of dangerous goods by inland waterways (ADN)
<b>ASTM</b>	American Society for Testing and Materials
<b>ATP</b>	Adaptation to Technical Progress
<b>BCF</b>	Bioconcentration factor
<b>BetrSichV</b>	German Ordinance on Industrial Safety and Health
<b>c.c.</b>	closed cup
<b>CAS</b>	Chemical Abstract Services
<b>CESIO</b>	European Committee of Organic Surfactants and their Intermediates
<b>ChemG</b>	German Chemicals Act
<b>CMR</b>	carcinogenic-mutagenic-toxic for reproduction
<b>DIN</b>	German Institute for Standardization
<b>DMEL</b>	Derived minimum effect level
<b>DNEL</b>	Derived no effect level
<b>EINECS</b>	European Inventory of Existing Commercial Chemical Substances
<b>EC50</b>	half maximal effective concentration
<b>GefStoffV</b>	German Ordinance on Hazardous Substances
<b>GGVSEB</b>	German ordinance for road, rail and inland waterway transportation of dangerous goods
<b>GGVSee</b>	German ordinance for sea transportation of dangerous goods
<b>GLP</b>	Good Laboratory Practice
<b>GMO</b>	Genetic Modified Organism
<b>IATA</b>	International Air Transport Association
<b>ICAO</b>	International Civil Aviation Organization
<b>IMDG</b>	International Maritime Dangerous Goods
<b>ISO</b>	International Organization For Standardization
<b>LOAEL</b>	Lowest observed adverse effect level
<b>LOEL</b>	Lowest observed effect level
<b>NOAEL</b>	No observed adverse effect level
<b>NOEC</b>	no observed effect concentration
<b>NOEL</b>	no observed effect level
<b>o. c.</b>	open cup
<b>OECD</b>	Organisation for Economic Cooperation and Development
<b>OEL</b>	Occupational Exposure Limit
<b>PBT</b>	Persistent, bioaccumulative, toxic
<b>PEC</b>	Predicted effect concentration
<b>PNEC</b>	Predicted no effect concentration
<b>REACH</b>	REACH registration
<b>RID</b>	Convention concerning International Carriage by Rail
<b>STOT</b>	Specific Target Organ Toxicity
<b>SVHC</b>	Substances of Very High Concern
<b>TA</b>	Technical Instructions
<b>TPR</b>	Third Party Representative (Art. 4)
<b>TRGS</b>	Technical Rules for Hazardous Substances
<b>VCI</b>	German chemical industry association
<b>vPvB</b>	very persistent, very bioaccumulative
<b>VOC</b>	volatile organic compounds
<b>VwVwS</b>	German Administrative Regulation on the Classification of Substances Hazardous to Waters into Water Hazard Classes
<b>WGK</b>	Water Hazard Class
<b>WHO</b>	World Health Organization