

## MATERIAL SAFETY DATA SHEET

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

#### 1.1 Product identifiers

Product name: **PHYTOCARE KT**  
INCI name: Shea Butter Polyglyceryl-6 Esters

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

Identified uses : Emulsifier, cosmetics

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

Company: NATURALIS Srl  
Via Berlino 15 – 20831 Seregno (MB) – Italy

Tel. e fax Tel. 0362/231052

e-mail [info@naturalis.it](mailto:info@naturalis.it)

#### 1.4 Emergency telephone number

Emergency Phone # : +39 02-6610-1029 (Centro Antiveleni Niguarda Ca' Granda – Milano)

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008  
Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

#### 2.2 Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws.

#### 2.3 Other hazards – none

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances

NA

#### 3.2 Mixture

COMPONENTS	CAS	EINECS	%
Shea Butter Polyglyceryl-6 Esters	-	-	100.0



Not a hazardous substance or mixture are present in the product in according to Regulation (EC) No 1272/2008  
Not a hazardous substance or mixture are present in the product in according according to EC-directives  
67/548/EEC or 1999/45/EC

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## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

#### If inhaled

Take the casualty to fresh air and keep him warm and at rest.

#### In case of skin contact

Wash with plenty of water and soap.

#### In case of eye contact

In case of eye contact wash immediately and abundantly with water and consult a doctor.

#### If swallowed

Do not induce vomiting , resort to a medical examination.

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

no data available

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

Treatment: None in particular.

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## 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

#### Suitable extinguishing media

Carbon dioxide; foam, water, powder extinguisher.

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

Do not inhale the gases resulting from combustion or explosion.

### 5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Collect contaminated water used to extinguish the fire separately. Do not discharge it into the sewer system.

If it is safe to do so, move undamaged containers out of the immediate danger area.

### 5.4 Further information

no data available

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## 6. ACCIDENTAL RELEASE MEASURES

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

Wear personal protective equipment.

Move people to a safe place.

Consult the protective measures set out in points 7 and 8.

### 6.2 Environmental precautions

Prevent penetration into soil/subsoil. Prevent runoff to surface water or to the sewer system.

Retain contaminated washing water and dispose of it.

In case of gas escape or of entry into water courses, soil or sewage system, inform the responsible authorities.

Material suitable for collection: absorbent material, organic, sand.

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

Sweep up or vacuum. Rinse residue away with plenty of water.

### **6.4 Reference to other sections**

For disposal see section 13.

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## **7. HANDLING AND STORAGE**

### **7.1 Precautions for safe handling**

Avoid contact with skin and eyes, inhalation of vapors and mists.

Please also refer to paragraph 8 for the recommended protective devices.

General recommendations on occupational hygiene:

Do not eat, drink or smoke during use.

Contaminated clothing must be changed before entering in dining areas.

Wash hands after use

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

Protect from direct sunlight. Keep containers tightly closed and store them in a cool, dry place. Adequately ventilate the rooms.

Protect from frost

Store at temperatures between +5 °C and +35 °C

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Indication for locals:

Adequately ventilated premises. Keep in tightly closed original containers

### **7.3 Specific end uses**

no data available

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

### **8.1 Control parameters**

#### **Components with workplace control parameters**

No occupational exposure limits are available

DNEL exposure limit values

N.A.

PNEC exposure limit values

N.A.

### **8.2 Exposure controls**

#### **Appropriate engineering controls**

General industrial hygiene practice.

#### **Personal protective equipment**

##### **Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

##### **Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

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### Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### Respiratory protection

Special respiratory protection is not required

Thermal risks: No one.

Environmental exposure controls: No one.

Suitable technical controls: No one.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance:	Paste
Colour:	light yellow
Odour:	Light
Melting Point:	N/A
Boiling Point:	N/A
Inflammable:	N/A
Inferior and Superior explosivity limit:	N/A
Inflamability Point:	N/A
Self-ignition temperature:	N/A
Decomposition temperature:	N/A
pH:	4-6 (10% water sol)
Kinematics viscosity :	N/A
Water solubility:	Soluble
Oil solubility:	Insoluble
Distribution coefficient n-octanol/water (log value):	N/A
Vapour pressure:	N/A
Density or relative density:	N/A
Relative vapour density:	N/A
Particles size:	N/A
HBL	12

### 9.2 Other safety information

Explosive properties:	non explosive
Oxidizers properties:	non oxidizer
Viscosity:	>5000 cPs (25°C)

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Stable in normal condition

### 10.2 Chemical stability

Stable in normal condition

### 10.3 Possibility of hazardous reactions

no data available

**10.4 Conditions to avoid**

no data available

**10.5 Incompatible materials**

Strong acids and alkalis

Strong oxidants

**10.6 Hazardous decomposition products**

Cox

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**11. TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects****Acute toxicity**

Test: LD50 - Oral - Rat > 2000 mg/kg

Unless otherwise specified, the data required by Regulation (EU) 2020/878 indicated below are to be understood as N.A.:

- a) acute toxicity;
- b) skin corrosion/irritation;
- c) serious eye damage/irritation;
- d) respiratory or skin sensitization;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) specific target organ toxicity (STOT) - single exposure;
- i) specific target organ toxicity (STOT) - repeated exposure;
- j) danger in case of aspiration.

**11.2. Information about other hazards**

Endocrine interfering properties:

No endocrine interfering agent present in concentration  $\geq 0.1\%$

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**12. ECOLOGICAL INFORMATION****12.1 Toxicity**

Use according to good working practices, avoiding dispersal of the product in the environment.

N.A.

**12.2 Persistence and degradability**

Biodegradability: Rapidly degradable

**12.3 Bioaccumulative potential**

N.A.

**12.4 Mobility in soil**

N.A.



#### 12.5 Results of PBT and vPvB assessment

PTB: None. vPvB: None.

#### 12.6. Endocrine disrupting properties

No endocrine disruptors present in concentration  $\geq 0.1\%$

#### 12.7 Other adverse effects

None

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### 13. DISPOSAL INFORMATION

#### 13.1 Waste treatment methods

##### Product

Recover if possible. Operate according to local and national regulations.

##### Contaminated packaging

Dispose of as unused product.

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### 14. TRANSPORT INFORMATION

#### 14.1 UN number

ADR/RID: -

IMDG: -

IATA: -

#### 14.2 UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

#### 14.3 Transport hazard class(es)

ADR/RID:

- IMDG: -

IATA: -

#### 14.4 Packaging group

ADR/RID:

- IMDG: -

IATA: -

#### 14.5 Environmental hazards

ADR/RID:

no IMDG Marine pollutant:

no IATA: no

#### 14.6 Special precautions for user

no data available

#### 14.7 Maritime transport in bulk in accordance to IMO acts

N/A

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### 15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

Legislative Decree 04/09/2008 n. 81

Ministerial Decree Work 02/26/2004 (Occupational exposure limits)

Regulation (EC) no. 1907/2006 (REACH)

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Regulation (EC) no. 1272/2008 (CLP)  
Regulation (EC) no. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013  
Regulation (EU) no. 2020/878  
Regulation (EU) no. 286/2011 (ATP 2 CLP)  
Regulation (EU) no. 618/2012 (ATP 3 CLP)  
Regulation (EU) no. 487/2013 (ATP 4 CLP)  
Regulation (EU) no. 944/2013 (ATP 5 CLP)  
Regulation (EU) no. 605/2014 (ATP 6 CLP)  
Regulation (EU) no. 2015/1221 (ATP 7 CLP)  
Regulation (EU) no. 2016/918 (ATP 8 CLP)  
Regulation (EU) no. 2016/1179 (ATP 9 CLP)  
Regulation (EU) no. 2017/776 (ATP 10 CLP)  
Regulation (EU) no. 2018/669 (ATP 11 CLP)  
Regulation (EU) no. 2018/1480 (ATP 13 CLP)  
Regulation (EU) no. 2019/521 (ATP 12 CLP)  
Regulation (EU) no. 2020/217 (ATP 14 CLP)  
Regulation (EU) no. 2020/1182 (ATP 15 CLP)  
Regulation (EU) no. 2021/643 (ATP 16 CLP)

Restrictions relating to the product or the substances contained according to Annex XVII of Regulation (EC) 1907/2006 (REACH) and subsequent amendments:

Product Restrictions:

No restrictions.

Restrictions relating to the substances contained:

No restrictions.

Where applicable, refer to the following regulations:

Ministerial circulars 46 and 61 (Aromatic amines).

Directive 2012/18/EU (Seveso III)

Regulation 648/2004/CE (Detergents).

D.L. 3/4/2006 no. 152 Environmental regulations

Dir. 2004/42/CE (VOC Directive)

Provisions relating to EU directive 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1

None

## **15.2 Chemical Safety Assessment**

no data available

## **16. OTHER INFORMATION**

### **Further information**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. NATURALIS S.R.L. shall not be held liable for any damage resulting from handling or from contact with the above product.

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