



<b>SAFETY DATA SHEET</b>	Revision Date: 02.04.2017
	Print Date: 10.12.2018
	SDS Number: R0717824
Ceraphyl™ 65 ester ™ Trademark, Ashland or its subsidiaries, registered in various countries 826812	Version: 1.2

Conforms to EU Regulation 1907/2006/EC as amended. - SDSGHS\_BE

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Trade name : Ceraphyl™ 65 ester  
™ Trademark, Ashland or its subsidiaries, registered in various countries

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

Recommended use : Cosmetics

<b>1.3 Details of the supplier of the safety data sheet</b> Ashland P.O. Box 8619 NL3009 AP, Rotterdam Netherlands +31 10 497 5000 (in the Netherlands), or contact your local CSR contact person  EUSMT@ashland.com	<b>1.4 Emergency telephone number</b> +1-800-274-5263/001-859-357-3564, or contact your local emergency telephone number at 070/245.245  <b>Product Information</b> +31 10 497 5000 (in the Netherlands), or contact your local CSR contact person
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## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification (REGULATION (EC) No 1272/2008)

Skin irritation, Category 2 H315: Causes skin irritation.

Serious eye damage, Category 1 H318: Causes serious eye damage.

### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

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Hazard pictograms

:



Signal word

: Danger

Hazard statements

: H315  
H318

Causes skin irritation.

Causes serious eye damage.

Precautionary statements

: **Prevention:**

P264

Wash skin thoroughly after handling.

P280

Wear protective gloves/ eye protection/ face protection.

**Response:**

P302 + P352

IF ON SKIN: Wash with plenty of water.

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously  
 with water for several minutes. Remove  
 contact lenses, if present and easy to do.  
 Continue rinsing. Immediately call a  
 POISON CENTER/doctor.

P332 + P313

If skin irritation occurs: Get medical advice/  
attention.

P362 + P364

Take off contaminated clothing and wash it  
before reuse.

Hazardous components which must be listed on the label:

1-Propanaminium, 3-amino-N-(2-hydroxyethyl)-N,N-dimethyl-, N-mink-oil acyl derivs.,  
 chlorides

**2.3 Other hazards****Additional advice**

No information available.

**SECTION 3: Composition/information on ingredients****3.2 Mixtures****Hazardous components**

Chemical name	CAS-No. EC-No. Registration number	Classification (REGULATION (EC) No 1272/2008)	Concentration (%)
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1-Propanaminium, 3-amino-N-(2-hydroxyethyl)-N,N-dimethyl-, N-mink-oil acyl derivs., chlorides	68953-64-0 273-222-0	Skin Irrit.2; H315 Eye Dam.1; H318	>= 60,00 - < 70,00
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For explanation of abbreviations see section 16.

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**SECTION 4: First aid measures**
**4.1 Description of first aid measures**

General advice	: Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended.
If inhaled	: If breathed in, move person into fresh air. If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of skin contact	: Remove contaminated clothing. If irritation develops, get medical attention. If on skin, rinse well with water. Wash contaminated clothing before re-use.
In case of eye contact	: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Protect unharmed eye.
If swallowed	: Obtain medical attention. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

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

Symptoms	: Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include:
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irritation (nose, throat, airways)

Risks : Causes skin irritation.  
Causes serious eye damage.

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

Treatment : No hazards which require special first aid measures.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Water spray  
Foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical

Unsuitable extinguishing media : High volume water jet

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

Specific hazards during firefighting : If product is heated above its flash point it will produce vapors sufficient to support combustion. Vapors are heavier than air and may travel along the ground and be ignited by heat, pilot lights, other flames and ignition sources at locations near the point of release.  
Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : Carbon oxides  
Hydrogen chloride gas  
Nitrogen oxides (NO<sub>x</sub>)  
carbon dioxide and carbon monoxide  
organic compounds

### 5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.



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Specific extinguishing methods : Product is compatible with standard fire-fighting agents.

Further information : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

## SECTION 6: Accidental release measures

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

Personal precautions : Use personal protective equipment.  
Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.  
Comply with all applicable federal, state, and local regulations.

### 6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.

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

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

For further information see Section 8 and Section 13 of the safety data sheet.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : Do not breathe vapours/dust.  
Container hazardous when empty.  
Avoid contact with skin and eyes.  
Smoking, eating and drinking should be prohibited in the application area.  
For personal protection see section 8.  
Dispose of rinse water in accordance with local and national



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regulations.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Hygiene measures : Wash hands before breaks and at the end of workday. When using do not eat or drink. When using do not smoke.

## 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place.

Other data : No decomposition if stored and applied as directed.

## 7.3 Specific end use(s)

Specific use(s) : No data available

# SECTION 8: Exposure controls/personal protection

## 8.1 Control parameters

Contains no substances with occupational exposure limit values.

## 8.2 Exposure controls

### Engineering measures

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

### Personal protective equipment

Eye protection : Wear chemical splash goggles and face shield when there is potential for exposure of the eyes or face to liquid, vapor or mist.  
Maintain eye wash station in immediate work area.

Hand protection

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Skin and body protection : Wear as appropriate:



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Impervious clothing  
Safety shoes  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.  
Discard gloves that show tears, pinholes, or signs of wear.

Respiratory protection : No personal respiratory protective equipment normally required.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance : liquid

Odour : No data available

Odour Threshold : No data available

pH : 6,9 - 7,9

Melting point/freezing point : < -60 °C

Boiling point/boiling range : 212 - 260 °C

Flash point : 149 °C

Evaporation rate : No data available

Flammability (solid, gas) : No data available

Upper explosion limit : No data available

Lower explosion limit : No data available

Vapour pressure : No data available

Relative vapour density : No data available

Relative density : No data available

Density : 1,001 g/cm<sup>3</sup> (25 °C)

Solubility(ies)



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Water solubility : No data available

Solubility in other solvents : No data available

Partition coefficient: n-octanol/water : No data available

Decomposition temperature : No data available

Viscosity

Viscosity, dynamic : No data available

Viscosity, kinematic : No data available

Oxidizing properties : No data available

## 9.2 Other information

No data available

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No decomposition if stored and applied as directed.

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : Product will not undergo hazardous polymerization.

### 10.4 Conditions to avoid

Conditions to avoid : excessive heat  
Exposure to sunlight.  
Exposure to moisture

### 10.5 Incompatible materials

Materials to avoid : isocyanates  
Strong acids  
strong bases  
Strong oxidizing agents  
UV light.





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## 10.6 Hazardous decomposition products

Hazardous decomposition products : Alcohols  
Aldehydes  
carbon dioxide and carbon monoxide  
dioxolanes  
ethers  
Organic acids

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Information on likely routes of exposure : Inhalation  
Skin contact  
Eye Contact  
Ingestion

#### Acute toxicity

Not classified based on available information.

#### Components:

1-Propanaminium, 3-amino-N-(2-hydroxyethyl)-N,N-dimethyl-, N-mink-oil acyl derivs., chlorides

Acute oral toxicity : LD (Rat): 5.000 mg/kg

#### Skin corrosion/irritation

Causes skin irritation.

#### Product:

Remarks: May cause skin irritation and/or dermatitis.

#### Components:

1-Propanaminium, 3-amino-N-(2-hydroxyethyl)-N,N-dimethyl-, N-mink-oil acyl derivs., chlorides

Result: Irritating to skin.

#### Serious eye damage/eye irritation

Causes serious eye damage.

#### Product:

Remarks: May cause irreversible eye damage.

#### Components:

1-Propanaminium, 3-amino-N-(2-hydroxyethyl)-N,N-dimethyl-, N-mink-oil acyl derivs., chlorides

Result: Corrosive

#### Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.



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Respiratory sensitisation: Not classified based on available information.

**Components:**

1-Propanaminium, 3-amino-N-(2-hydroxyethyl)-N,N-dimethyl-, N-mink-oil acyl derivs., chlorides

Assessment: Did not cause sensitisation on laboratory animals.

**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

**Reproductive toxicity**

Not classified based on available information.

**STOT - single exposure**

Not classified based on available information.

**STOT - repeated exposure**

Not classified based on available information.

**Aspiration toxicity**

Not classified based on available information.

**Further information**

**Product:**

Remarks: No data available

## SECTION 12: Ecological information

### 12.1 Toxicity

No data available

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available


### 12.5 Results of PBT and vPvB assessment

Not relevant

### 12.6 Other adverse effects

**Product:**

Additional ecological information : No data available

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

- |                        |   |
|------------------------|---|
| Product                | : Do not dispose of waste into sewer.<br>Do not contaminate ponds, waterways or ditches with chemical or used container.<br>Send to a licensed waste management company.                          |
| Contaminated packaging | : Empty remaining contents.<br>Dispose of as unused product.<br>Empty containers should be taken to an approved waste handling site for recycling or disposal.<br>Do not re-use empty containers. |

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## SECTION 14: Transport information

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#### 14.1 UN number

**ADN:** Not dangerous goods  
**ADR:** Not dangerous goods  
**INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO:** Not dangerous goods  
**INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER:** Not dangerous goods  
**INTERNATIONAL MARITIME DANGEROUS GOODS:** Not dangerous goods  
**RID:** Not dangerous goods

#### 14.2 UN proper shipping name

**ADN:** Not dangerous goods  
**ADR:** Not dangerous goods  
**INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO:** Not dangerous goods  
**INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER:** Not dangerous goods  
**INTERNATIONAL MARITIME DANGEROUS GOODS:** Not dangerous goods  
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#### 14.3 Transport hazard class(es)

**ADN:** Not dangerous goods  
**ADR:** Not dangerous goods



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**INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO:** Not dangerous goods  
**INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER:** Not dangerous goods  
**INTERNATIONAL MARITIME DANGEROUS GOODS:** Not dangerous goods  
**RID:** Not dangerous goods

#### 14.4 Packing group

**ADN:** Not dangerous goods  
**ADR:** Not dangerous goods  
**INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO:** Not dangerous goods  
**INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER:** Not dangerous goods  
**INTERNATIONAL MARITIME DANGEROUS GOODS:** Not dangerous goods  
**RID:** Not dangerous goods

#### 14.5 Environmental hazards

**ADN:** Not applicable  
**ADR:** Not applicable  
**INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO:** Not applicable  
**INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER:** Not applicable  
**INTERNATIONAL MARITIME DANGEROUS GOODS:** Not applicable  
**RID:** Not applicable

#### 14.6 Special precautions for user

Not applicable

#### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Ship Type: Not applicable  
Hazard code(s): Not applicable  
Pollutant Category: Not applicable

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

## SECTION 15: Regulatory information

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

Regulation (EC) No 1005/2009 on substances that : Not applicable  
deplete the ozone layer

Regulation (EC) No 850/2004 on persistent organic : Not applicable



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pollutants

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Not applicable

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : Not applicable

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.  
Not applicable

**The components of this product are reported in the following inventories:**

DSL	: All components of this product are on the Canadian DSL
AICS	On the inventory, or in compliance with the inventory
ENCS	Not in compliance with the inventory
KECI	Not in compliance with the inventory
PICCS	On the inventory, or in compliance with the inventory
IECSC	On the inventory, or in compliance with the inventory
TSCA	For Cosmetic Use Only

**Inventories**

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

**15.2 Chemical safety assessment**

No data available

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**SECTION 16: Other information****Further information**

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**Classification procedure:**

H315 Causes skin irritation.

Calculation method

H318 Causes serious eye damage.

Calculation method

**Full text of H-Statements**

H315 Causes skin irritation.

**H318** Causes serious eye damage.

Other information : The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This SDS has been prepared by Ashland's Environmental Health and Safety Department (+31 10 497 5000).

**Sources of key data used to compile the Safety Data Sheet**

Ashland internal data including own and sponsored test reports

The UNECE administers regional agreements implementing harmonised classification for labelling (GHS) and transport.

List of abbreviations and acronyms that could be, but not necessarily are, used in this safety data sheet :

ACGIH : American Conference of Industrial Hygienists

BEI : Biological Exposure Index

CAS : Chemical Abstracts Service (Division of the American Chemical Society).

CMR : Carcinogenic, Mutagenic or Toxic for Reproduction

FG : Food grade

GHS : Globally Harmonized System of Classification and Labeling of Chemicals.

H-statement : Hazard Statement



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IATA : International Air Transport Association.  
 IATA-DGR : Dangerous Goods Regulation by the "International Air Transport Association" (IATA).  
 ICAO : International Civil Aviation Organization  
 ICAO-TI (ICAO) : Technical Instructions by the "International Civil Aviation Organization"  
 IMDG : International Maritime Code for Dangerous Goods  
 ISO : International Organization for Standardization  
 logPow : octanol-water partition coefficient  
 LCxx : Lethal Concentration, for xx percent of test population  
 LDxx : Lethal Dose, for xx percent of test population.  
 ICxx : Inhibitory Concentration for xx of a substance  
 Ecxx : Effective Concentration of xx  
 N.O.S.: Not Otherwise Specified  
 OECD : Organization for Economic Co-operation and Development  
 OEL : Occupational Exposure Limit  
 P-Statement : Precautionary Statement  
 PBT : Persistent , Bioaccumulative and Toxic  
 PPE : Personal Protective Equipment  
 STEL : Short-term exposure limit  
 STOT : Specific Target Organ Toxicity  
 TLV : Threshold Limit Value  
 TWA : Time-weighted average  
 vPvB : Very Persistent and Very Bioaccumulative  
 WEL : Workplace Exposure Level

ABM : Water Hazard Class for the Netherlands  
 ADR : Agreement concerning the International Carriage of Dangerous Goods by Road.  
 ADN: Regulation for the Carriage of Dangerous Substances on the Rhine  
 CLP : Classification, Labelling and Packaging  
 CSA : Chemical Safety Assessment  
 CSR : Chemical Safety Report  
 DNEL : Derived No Effect Level.  
 EINECS : European Inventory of Existing Commercial Chemical Substances.  
 ELINCS : European List of Notified Chemical Substances  
 GV: Exposure limits (DK)  
 PEC : Predicted Effect Concentration  
 PEL : Permissible Exposure Limits  
 PNEC : Predicted No Effect Concentration  
 R-phrase : Risk phrase  
 REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals  
 RID : Regulation Concerning the International Transport of Dangerous Goods by Rail  
 S-phrase: Safety phrase  
 WGK : German Water Hazard Class

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