

**SAFETY DATA SHEET**

Revision Date: 07.11.2016

Print Date: 13.12.2018

SDS Number: R0717807

Version: 1.2

Rapithix™ A-100 thickener  
 ™ Trademark, Ashland or its subsidiaries, registered  
 in various countries  
 831462

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

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Trade name : Rapithix™ A-100  
 thickener  
 ™ Trademark, Ashland or its subsidiaries, registered in  
 various countries

Substance name RapiThix™ A-100

Substance No.

**1.2 Relevant identified uses of the substance or mixture and uses advised against****1.3 Details of the supplier of the safety data sheet**

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

**1.4 Emergency telephone number**

00-800-274-5263-3/001-859-357-3564, or contact  
 your local emergency telephone number at 112

**Product Information**

+31 10 497 5000 (in the Netherlands), or contact  
 your local CSR contact person

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification (REGULATION (EC) No 1272/2008)**

Not a hazardous substance or mixture.

**2.2 Label elements****Labelling (REGULATION (EC) No 1272/2008)**

Not a hazardous substance or mixture.

Precautionary statements : **Prevention:**

Keep dust/air mixtures away from ignition



<b>SAFETY DATA SHEET</b>	Revision Date: 07.11.2016
	Print Date: 13.12.2018
	SDS Number: R0717807
Rapithix™ A-100 thickener ™ Trademark, Ashland or its subsidiaries, registered in various countries 831462	Version: 1.2

sources.

## 2.3 Other hazards

### Additional advice

No information available.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Chemical nature : organic

### Hazardous components

No hazardous ingredients

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- General advice : No hazards which require special first aid measures.
- 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 : First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.
- In case of eye contact : Remove contact lenses.  
Protect unharmed eye.
- If swallowed : 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 : No symptoms known or expected.

**SAFETY DATA SHEET**

Revision Date: 07.11.2016

Print Date: 13.12.2018

SDS Number: R0717807

Version: 1.2

Rapithix™ A-100 thickener  
 ™ Trademark, Ashland or its subsidiaries, registered  
 in various countries  
 831462

**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

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

Specific hazards during firefighting : Organic dusts at sufficient concentration can form explosive mixtures in air.  
 Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : carbon dioxide and carbon monoxide

**5.3 Advice for firefighters**

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

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

Further information : Standard procedure for chemical fires.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Personal precautions : Avoid dust formation.



<b>SAFETY DATA SHEET</b>	Revision Date: 07.11.2016
	Print Date: 13.12.2018
	SDS Number: R0717807
Rapithix™ A-100 thickener ™ Trademark, Ashland or its subsidiaries, registered in various countries 831462	Version: 1.2

Avoid breathing dust.  
Material can create slippery conditions.  
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 further leakage or spillage if safe to do so.

## 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Pick up and arrange disposal without creating dust.  
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 : Avoid dust formation.  
Ensure all equipment is electrically grounded and bonded before beginning transfer operations.  
The material can accumulate static charge and can therefore cause electrical ignition of flammable atmospheres.  
Smoking, eating and drinking should be prohibited in the application area.  
For personal protection see section 8.  
Maintain good housekeeping. Do not permit dust layers to accumulate, for example, on floors, ledges, and equipment, in order to avoid any potential for dust explosion hazards.

Advice on protection against fire and explosion : Take measures to prevent the build up of electrostatic charge.  
Provide appropriate exhaust ventilation at places where dust is formed.

Hygiene measures : Avoid breathing dust.

## 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : No smoking. Protect from frost.



<b>SAFETY DATA SHEET</b>	Revision Date: 07.11.2016
	Print Date: 13.12.2018
	SDS Number: R0717807
Rapithix™ A-100 thickener ™ Trademark, Ashland or its subsidiaries, registered in various countries 831462	Version: 1.2

Advice on common storage : No materials to be especially mentioned.

Storage class (TRGS 510) : 11, Combustible Solids

Other data : Keep in a dry place. 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 appropriate exhaust ventilation at places where dust is formed.

General room ventilation should be adequate for normal conditions of use. However, if unusual operating conditions exist, 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 : Safety glasses

Hand protection  
Material : butyl-rubber

Skin and body protection : Wear as appropriate:  
Safety shoes

Respiratory protection : No personal respiratory protective equipment normally required.

**SAFETY DATA SHEET**

Revision Date: 07.11.2016

Print Date: 13.12.2018

SDS Number: R0717807

Version: 1.2

Rapithix™ A-100 thickener  
 ™ Trademark, Ashland or its subsidiaries, registered  
 in various countries  
 831462

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Appearance	: powder
Colour	: white
Odour	: none
Odour Threshold	: No data available
pH	: 5,7 - 6,7 Concentration: 1 %
Melting point/freezing point	: No data available
Boiling point/boiling range	: No data available
Flash point	: Not applicable
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	: No data available
Solubility(ies)	
Water solubility	: No data available
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available

**SAFETY DATA SHEET**

Revision Date: 07.11.2016

Print Date: 13.12.2018

SDS Number: R0717807

Version: 1.2

Rapithix™ A-100 thickener  
 ™ Trademark, Ashland or its subsidiaries, registered  
 in various countries  
 831462

Decomposition temperature : No data available

**Viscosity**

Viscosity, dynamic : 28.000 - 38.000 cps  
 1% solution

Viscosity, kinematic : No data available

Oxidizing properties : No data available

**9.2 Other information**

No data available

**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 : Dust may form explosive mixture in air.

**10.4 Conditions to avoid**

Conditions to avoid : Keep away from heat, flame, sparks and other ignition sources.

**10.5 Incompatible materials**

Materials to avoid : Strong oxidizing agents

**10.6 Hazardous decomposition products**

Hazardous decomposition products : No hazardous decomposition products are known.

**SAFETY DATA SHEET**

Revision Date: 07.11.2016

Print Date: 13.12.2018

SDS Number: R0717807

Version: 1.2

Rapithix™ A-100 thickener  
 ™ Trademark, Ashland or its subsidiaries, registered  
 in various countries  
 831462

**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.

**Skin corrosion/irritation**

Not classified based on available information.

**Serious eye damage/eye irritation**

Not classified based on available information.

**Product:**

Remarks: Unlikely to cause eye irritation or injury., Product dust may be irritating to eyes, skin and respiratory system.

**Respiratory or skin sensitisation**

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

**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



**SAFETY DATA SHEET**

Revision Date: 07.11.2016

Print Date: 13.12.2018

SDS Number: R0717807

Version: 1.2

Rapithix™ A-100 thickener  
 ™ Trademark, Ashland or its subsidiaries, registered  
 in various countries  
 831462

**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 : No data available  
 information

**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

Contaminated packaging : Empty remaining contents.

**SECTION 14: Transport information****SECTION 14: Transport information****14.1 UN number****ADN:****ADR:****INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO:****INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER:****INTERNATIONAL MARITIME DANGEROUS GOODS:**

	Page: 10
<b>SAFETY DATA SHEET</b>	Revision Date: 07.11.2016
	Print Date: 13.12.2018
	SDS Number: R0717807
Rapithix™ A-100 thickener ™ Trademark, Ashland or its subsidiaries, registered in various countries 831462	Version: 1.2

**RID:**

#### 14.2 UN proper shipping name

**ADN:**

**ADR:**

**INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO:**

**INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER:**

**INTERNATIONAL MARITIME DANGEROUS GOODS:**

**RID:**

#### 14.3 Transport hazard class(es)

**ADN:**

**ADR:**

**INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO:**

**INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER:**

**INTERNATIONAL MARITIME DANGEROUS GOODS:**

**RID:**

#### 14.4 Packing group

**ADN:**

**ADR:**

**INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO:**

**INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER:**

**INTERNATIONAL MARITIME DANGEROUS GOODS:**

**RID:**

#### 14.5 Environmental hazards

**ADN:** Not applicable

**ADR:** Not applicable

**INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO:** 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

	Page: 11
<b>SAFETY DATA SHEET</b>	Revision Date: 07.11.2016
	Print Date: 13.12.2018
	SDS Number: R0717807
Rapithix™ A-100 thickener ™ Trademark, Ashland or its subsidiaries, registered in various countries 831462	Version: 1.2

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

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

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

Regulation (EC) No 850/2004 on persistent organic pollutants : 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

Water contaminating class (Germany) : WGK 1 slightly water endangering  
Code Number: 1.832  
Remarks: Classification source is Annex 2.

TA Luft List (Germany) : Total dust, Not applicable  
: Inorganic substances in powdered form, Not applicable  
: Inorganic substances in vapour or gaseous form, Not applicable  
: Organic Substances, Not applicable  
: Carcinogenic substances, Not applicable

**SAFETY DATA SHEET**

Revision Date: 07.11.2016

Print Date: 13.12.2018

SDS Number: R0717807

Version: 1.2

Rapithix™ A-100 thickener  
 ™ Trademark, Ashland or its subsidiaries, registered  
 in various countries  
 831462

: Mutagenic, Not applicable

: Toxic to reproduction, Not applicable

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

TSCA : On TSCA Inventory

DSL All components of this product are on the Canadian DSL

AICS On the inventory, or in compliance with the inventory

ENCS On the inventory, or in compliance with the inventory

KECI On the inventory, or 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

**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

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

Revision Date: 07.11.2016

**Full text of H-Statements**

Other information : The information accumulated herein is believed to be accurate  
 but is not warranted to be whether originating with the



<b>SAFETY DATA SHEET</b>	Revision Date: 07.11.2016
	Print Date: 13.12.2018
	SDS Number: R0717807
Rapithix™ A-100 thickener ™ Trademark, Ashland or its subsidiaries, registered in various countries 831462	Version: 1.2

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

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



<b>SAFETY DATA SHEET</b>	Revision Date: 07.11.2016
	Print Date: 13.12.2018
	SDS Number: R0717807
Rapithix™ A-100 thickener ™ Trademark, Ashland or its subsidiaries, registered in various countries 831462	Version: 1.2

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.

ADNR: 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-phrases : Risk phrase

REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals

RID : Regulation Concerning the International Transport of Dangerous Goods by Rail

S-phrases: Safety phrase

WGK : German Water Hazard Class