

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH Annex II)



## STABIGUM RC73

SUBID : 000000009375

Version 3

Print Date 13.07.2015

Revision Date 29.04.2013

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

#### 1.1 Identification of the substance or mixture:

Product name : STABIGUM RC73  
REACH Registration No : Registration numbers of the individual components: see section 3.2, if applicable.

#### 1.2 Use of the substance/mixture:

Identified relevant uses : Washout storage gum  
Uses advised against : Only for professional use. Do not use for products which come into direct contact with food stuffs.

#### 1.3 Company/undertaking identification

Agfa-Gevaert Ltd.  
Vantage West  
Great West Road  
Brentford, Middlesex TW8 9AX  
United Kingdom  
Tel. : +44 (0)20 8 231 4616  
Fax : +44 (0)20 8 231 4951  
E-mail: electronic.sds@agfa.com

#### 1.4 Emergency telephone

Emergency telephone number (Belgium) : +32 3 4443333 (24h/24h)

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture:

Regulation(EC) No 1272/2008 (CLP)	
• Hazard classes	Skin sensitizer
Hazard categories	Category 1
Hazard statements	H317
Classification procedure	Minimum classification according to Annex VI of 1272/2008/EC.

67/548/EEC or 1999/45/EC	
Hazards characteristics	Irritant
R-phrases	R43

Full text of each relevant R and H phrase is listed in section 16.

#### 2.2 Label elements:

Hazardous components which must be listed on the label :

- CAS-No. : 55965-84-9 Isothiazolinones

Symbol(s)



# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH Annex II)



## STABIGUM RC73

SUBID : 000000009375

Version 3

Print Date 13.07.2015

Revision Date 29.04.2013

GHS07

Signal word	: WARNING	
Hazard statements	: H317	May cause an allergic skin reaction.
Precautionary statements: prevention	: P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
	P272	Contaminated work clothing should not be allowed out of the workplace.
	P280	Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary statements: response	: P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
	P363	Wash contaminated clothing before reuse.

Isothiazolinones concentration as mentioned in chapter 3 of this Safety Data Sheet are between 0.0015% and 0.01%.

### 2.3 Other hazards:

This product does not meet the criteria concerning PBT or vPvB substances as described in Annex XIII of the REACH regulation (1907/2006 EC)

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Mixture related information:

Washout storage gum, mainly consisting of:

### 3.2 Hazard ingredients:

The hazard and labelling information in this section is that of the individual ingredients. The corresponding information relative to this product as supplied is given in section 2.1.

#### Hazardous components in the meaning of regulation(EC) No 1272/2008 (CLP)

• Isothiazolinones		Concentration [%] :	0.0	-	0.1
CAS-No.	: 55965-84-9				
Index-No.	: 613-167-00-5				
REACH Registration No	: Transition time according to REACH regulation article 23 is still not expired.				
Hazard classes	: Acute toxicity Inhalation, Acute toxicity Dermal, Acute toxicity Oral, Skin corrosion, Skin sensitizer, Acute hazards to the aquatic environment, Chronic hazards to the aquatic environment				
Hazard categories	: Category 3, Category 3, Category 3, Category 1B, Category 1, Category 1, Category 1				
Hazard statements	: H331, H311, H301, H314, H317, H400, H410				

#### Hazardous components in the meaning of 67/548/EEC or 1999/45/EC

• Isothiazolinones		Concentration [%] :	0.0	-	0.1
CAS-No.	: 55965-84-9				
Index-No.	: 613-167-00-5				
Symbol(s)	: T, N				
R-phrases(s)	: R23/24/25, R34, R43, R50/53				

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH Annex II)



## STABIGUM RC73

SUBID : 000000009375

Version 3

Print Date 13.07.2015

Revision Date 29.04.2013

### Components with a community workplace exposure limit

- 2-Methyl-2H-isothiazol-3-one
- 5-Chloro-2-methyl-2H-isothiazol-3-one

### 3.3 Remark:

Full text of each relevant R and H phrase is listed in section 16.

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures:

- Eye contact : Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
- Skin contact : Wash immediately with plenty of water and soap. If symptoms persist, seek medical advice.
- Ingestion : Rinse mouth with plenty of water. Seek medical advice.
- Inhalation : Take person to fresh air. Seek medical advice.

### 4.2 Most important symptoms and effects:

- Symptoms : Repeated contact may cause allergic reactions in very susceptible persons.

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

- General advice : Call a physician immediately.

## 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

- Suitable extinguishing media : All extinguishing media allowed.

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

- Specific hazards during fire fighting : Do not use a solid water stream as it may scatter and spread fire.
- Further information : Product is not combustible. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

### 5.3 Advice for fire-fighters:

- Special protective equipment for fire-fighters : Regular fire intervention clothes.

## 6. ACCIDENTAL RELEASE MEASURES

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

- Personal precautions : See section : Exposure controls / personel protection. Cleanup personnel must use appropriate personal protective equipment.
- Additional advice : Wash away residues with plenty of water. Observe normal precautions when handling chemicals.

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH Annex II)



## STABIGUM RC73

SUBID : 000000009375

Version 3

Print Date 13.07.2015

Revision Date 29.04.2013

### 6.2 Environmental precautions:

Environmental precautions : For waste disposal see section 13. The product should not be allowed to enter drains, water courses or the soil.

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

Methods for cleaning up : Dike the spill if necessary. Soak up with absorbent material. Collect large spills into a properly labelled and sealable container. Prevent release into the drain, soil or surface water.

### 6.4 Reference to other sections:

For waste disposal see section 13.  
For personal protection see section 8.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling:

Advice on safe handling : Prevent product from diffusing.  
Hygiene measures : Observe normal precautions when handling chemicals. Keep away from foodstuffs, drinks and tobacco. Employees should wash their hands and face before eating, drinking, or using tobacco products.  
Advice on protection against fire and explosion : No special protective measures against fire and explosion required.

### 7.2 Conditions for safe storage:

Requirements for storage areas and containers : Keep container tightly closed. Protect from direct sunlight.  
Advice on common storage : Store away from strong alkalis.

### 7.3 Specific end use:

This substance is used only by trained professionals under restricted conditions.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters:

#### 8.1.1 Components with occupational exposure limits resp. biological occupational exposure limits requiring monitoring:

##### 8.1.1.1 Occupational exposure limits:

#### Air limit values

We are not aware of any national exposure limit.

#### Biological limit values

We are not aware of any national exposure limit.

##### 8.1.1.2 Additional exposure limits under the conditions of use:

No other exposure limits applicable.

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH Annex II)



## STABIGUM RC73

SUBID : 000000009375

Version 3

Print Date 13.07.2015

Revision Date 29.04.2013

### 8.1.1.3 DNEL/DMEL and PNEC-values:

#### DNEL

No DNEL/DMEL value determined. No Chemical Safety Report performed.

#### PNEC

No PNEC value determined. No Chemical Safety Report performed.

### 8.2 Exposure controls:

#### Occupational exposure controls:

##### ➤ Instructual measures to prevent exposure:

Employees should wash their hands and face before eating, drinking, or using tobacco products. Keep away from foodstuffs, drinks and tobacco.

##### ➤ Technical measures to prevent exposure:

Ensure adequate ventilation.

##### ➤ Personal measures to prevent exposure:

- Respiratory protection : not required under normal use  
Hand protection : Use chemical resistant gloves. In case of prolonged immersion or frequently repeated contact use gloves made of the materials: butyl rubber (thickness  $\geq$  0.36 mm, breakthrough time  $>$  480 min), nitrile rubber (thickness  $\geq$  0.38 mm, breakthrough time  $>$  480 min) or neoprene (thickness  $\geq$  0.65 mm, breakthrough time  $>$  240 min). For intermittent splash protection corresponding gloves with breakthrough times  $>$  60 min can be used. Avoid gloves made of: natural latex.
- Eye protection : Safety glasses.  
Body Protection : Safety clothes.  
Personal protective equipment : Observe normal precautions when handling chemicals.

#### Environmental exposure controls:

Effluent regulations/discharge/treatment/contents may vary from one area to another. Please consult the local regulations regarding the disposal of this material. Do not release into drain. Collect for removal by a licensed waste contractor.

EU Directive	Status
European Directive 2000/60/EC (water)	not on list
European Directive 1996/62/EC (air)	not on list

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Basic physical and chemical properties:

#### 9.1.1 Appearance:

- State of matter : Liquid  
Form : Liquid.  
Colour : Light brown  
Odour : Nearly odourless

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH Annex II)



## STABIGUM RC73

SUBID : 000000009375

Version 3

Print Date 13.07.2015

Revision Date 29.04.2013

### 9.1.2 Important health, safety and environmental information:

pH (25 °C)	: 4.6
Melting point/range	: < 0 °C
Boiling point/range	: > 100 °C
Vapour pressure (20 °C)	: 23.00 hPa
Relative density (20 °C)	: 1.171
Solubility/qualitative	: Miscible with water at all ratios.
Partition coefficient (n-octanol/water)	: Not applicable
Viscosity, dynamic	: No data available
Viscosity, kinematic	: No data available
Lower explosion limit	: Not applicable
Upper explosion limit	: Not applicable
Evaporation rate	: Almost no evaporation (20°C).
Flammability (solid, gas)	: Not flammable.

### 9.2 Other information:

VOC content	: Not applicable
-------------	------------------

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity:

Reactivity	: Reactivity is not to be expected under normal conditions of temperature and pressure
------------	--

### 10.2 Chemical stability:

Stability	: The product is stable under normal conditions of storage and use.
-----------	---

### 10.3 Possibility of hazardous reactions:

Hazardous reactions	: The product is stable under normal conditions of storage and use.
---------------------	---

### 10.4 Conditions to avoid:

Conditions to avoid	: Protect from frost, heat and sunlight.
---------------------	--

### 10.5 Materials to avoid:

Materials to avoid	: Store away from strong alkalis.
--------------------	-----------------------------------

### 10.6 Hazardous decomposition products:

Hazardous decomposition products	: No specified dangerous decomposition products are known.
----------------------------------	--

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Toxicokinetics, metabolism and distribution:

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH Annex II)



## STABIGUM RC73

SUBID : 000000009375

Version 3

Print Date 13.07.2015

Revision Date 29.04.2013

### Acute effects (toxicity tests):

#### ➤ Acute Toxicity

- Isothiazolinones

	Effect dose	Species	Value	Method
Acute oral toxicity	LD50	rat	> 2,000 mg/kg	Literature.
Acute dermal toxicity	LD50	rat	> 5,000 mg/kg	Literature.
Acute inhalation toxicity	No data available			

#### ➤ Specific target organ toxicity (STOT):

- Isothiazolinones

Specific effects	Affected organs
No data available	

#### ➤ Irritant and corrosive effects:

- Isothiazolinones

	Exposure time	Species	Evaluation	Method
Primary irritation to the skin			Causes burns.	
Irritation to eyes			Causes burns.	

#### ➤ Irritation to the respiratory tract:

- Isothiazolinones

No data available

#### ➤ Sensitisation:

- Isothiazolinones

Species	Evaluation	Method
	May cause sensitisation by skin contact.	

#### ➤ Aspiration hazard:

- Isothiazolinones

No data available

### Sub-acute, sub-chronic and chronic toxicity

#### ➤ Repeated dose toxicity:

- Isothiazolinones

No data available

#### ➤ Specific target organ toxicity (STOT):

- Isothiazolinones

No information available.

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH Annex II)



## STABIGUM RC73

SUBID : 000000009375

Version 3

Print Date 13.07.2015

Revision Date 29.04.2013

### ➤ CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):

#### - Carcinogenicity

- Isothiazolinones

No data available

#### - Mutagenicity

- Isothiazolinones

No data available

#### - Genetic toxicity in vitro

- Isothiazolinones

No data available

#### - Genetic toxicity in vivo

- Isothiazolinones

No data available

#### - Teratogenicity

- Isothiazolinones

No data available

#### - Toxicity to reproduction

- Isothiazolinones

No data available

### ➤ Summarised evaluation of the CMR properties:

- Isothiazolinones

Carcinogenicity : No data available

Mutagenicity : No data available

Teratogenicity : No data available

Toxicity to reproduction : No data available

### Experiences made in practice:

## 12. ECOLOGICAL INFORMATION

### 12.1 Ecotoxicity:

- Isothiazolinones

	Effect dose	Exposure time	Species	Value
Toxicity to fish	LC50	96 h	Oncorhynchus mykiss (rainbow trout)	0.19 mg/l
Toxicity to daphnia	EC50	48 h	Daphnia magna	0.16 mg/l



# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH Annex II)



## STABIGUM RC73

SUBID : 000000009375

Version 3

Print Date 13.07.2015

Revision Date 29.04.2013

Toxicity to algae	Method: Literature.		
Toxicity to bacteria	No data available EC50 16 h	Pseudomonas putida (bacteria)	5.7 mg/l
	Method: Literature.		

### 12.2 Persistence and degradability:

#### Physico-chemical removability

Neutralization is normally necessary before waste water is discharged into water treatment plants.

#### Chemical Oxygen Demand (COD)

- Isothiazolinones
- No data available

#### Adsorbed organic bound halogens (AOX)

- Isothiazolinones
- The product contains organic halogens.

#### Biodegradation

- Isothiazolinones
- No data available

#### Biochemical Oxygen Demand (BOD)

- Isothiazolinones
- No data available

### 12.3 Bioaccumulative potential:

#### Partition coefficient (n-octanol/water)

Not applicable

#### Bioconcentration factor (BCF)

- Isothiazolinones
- Bioaccumulation is unlikely.

### 12.4 Mobility in soil:

- Isothiazolinones
- No information available.

#### Henry's constant

Value	Temperature	Method
		No information available.

#### Transport between environmental compartments

Transport between environmental compartments can be expected.

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH Annex II)



## STABIGUM RC73

SUBID : 000000009375

Version 3

Print Date 13.07.2015

Revision Date 29.04.2013

### 12.5 Results of PBT and vPvB assessment:

This product does not meet the criteria concerning PBT or vPvB substances as described in Annex XIII of the REACH regulation (1907/2006 EC)

### 12.6 Other adverse effects:

This substance is not classified as hazardous to the environment according to European Directives and corresponding national legislation.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods:

#### Waste disposal methods

Do not release into drain. Collect for removal by a licensed waste contractor. Effluent regulations/discharge/treatment/contents may vary from one area to another. Please consult the local regulations regarding the disposal of this material.

May be discharged to drain if local regulations permit.

#### Empty containers.

As the packaging can be contaminated with product residus, please observe the warnings of the label even when the container is empty. Do not reuse empty container without proper cleaning. Label precautions also apply to this container when empty.

For waste resulting from this product, it is recommended to use European Waste Code : 08 03 99 or 09 01 99 (wastes not otherwise specified).

## 14. TRANSPORT INFORMATION

Not regulated according to ADR.

Not regulated according to ADNR.

Not regulated according to RID.

Not regulated according to IMO/IMDG.

Not regulated according to ICAO/IATA aircraft only.

Not regulated according to ICAO/IATA passenger and cargo aircraft.

## 15. REGULATORY INFORMATION

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

#### Authorisation and/or restriction on use

Authorisation : No

Restriction on use : Not listed on EU. REACH, Annex XVII, Restrictions on manufacture, placing on the market and use of certain dangerous substances, mixtures & articles (Reg 1907/2006/EC, as amended)

#### Other EU regulations

Does not fall under specific EU-Regulations.

### 15.2 Chemical Safety Assessment

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH Annex II)



## STABIGUM RC73

SUBID : 000000009375

Version 3

Print Date 13.07.2015

Revision Date 29.04.2013

No Chemical Safety Report needed according REACH.

### 16. OTHER INFORMATION

#### Text of H-phrases referred to under headings 2 and 3:

H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H331	Toxic if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

#### Text of R-phrases referred to under headings 2 and 3:

R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R34	Causes burns.
R43	May cause sensitization by skin contact.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### Further information

This Safety Data Sheet is compiled in accordance with European Directives and corresponding national legislation.

The information disclosed in this Safety Data Sheet is believed to be correct to the best of our current knowledge and experience. It only relates to the specific product designated herein and it may not be valid when said product is used in combination with any other material or in any process, unless specified in the text. This document aims to provide the necessary health and safety information of the product and is not to be considered a warranty or quality specification. It is the responsibility of the user to comply with local legislation relating to safety, health, environment and waste management.

#### Sources of key data used to compile the datasheet

#### Abbreviations

ADR:	Accord européen relatif au transport international des marchandises Dangereuses par Route
ADNR:	Accord européen relatif au transport international des marchandises Dangereuses par la Rhin
AGW:	Arbeitsplatzgrenswerte (GE)
ATEmix:	Acute toxicity estimate of the mixture
CLP:	Classification, Labelling and Packaging of substances and mixtures
CMR:	Carcinoge
DNEL:	Derived No Effect Level
EC0:	Effective Concentration 0%
EC5:	Effective Concentration 5%
EC10:	Effective Concentration 10%
EC50:	Median Effective Concentration
EC100:	Effective Concentration 100%
EH40 WEL:	Workplace Exposure Limit (UK)
IATA:	International Air Transport Association

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH Annex II)



## STABIGUM RC73

SUBID : 000000009375

Version 3

Print Date 13.07.2015

Revision Date 29.04.2013

ICAO:	International Civil Aviation Organization
IC50:	inhibitory concentration 50%
IMDG:	International Maritime Dangerous Goods
IMO:	International Maritime Organization
IUCLID:	International Uniform Chemical Information Database
LC50:	Lethal Concentration 50%
LC100:	Lethal Concentration 100%
LOAEL:	Lowest Observed Adverse Effect Level
LDL0	Lethal Dose (minimum found to be lethal)
LD50:	Lethal Dose 50%
MAC:	Maximaal Aanvaardbare Concentratie (NL)
MAK:	Maximale Arbeitsplatz-Konzentration
NOAEL:	No Observed Adverse Effect Level
NOEL:	No Observed Effect Level
NOEC:	No Observed Effect Concentration
OEL:	Occupational Exposure Limit
PBT:	Persistent, Bioaccumulative and Toxic substance
PNEC:	Predicted No Effect Concentration
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID:	Regulations concerning the International Transport of Dangerous Goods by Rail
STEL:	Short Term Exposure Limit
TLV:	Threshold Limit Value
TRGS900:	Arbeitsplatzgrenswerte (GE)
TWA:	Time Weighted Average
VOC:	Volatile Organic Compound
vPvB:	very Persistent and very Bioaccumulative substance