# SAFETY DATA SHEET

# PRODUCT NAME: MSE Floorcoat-7001

CHMSE Floorcoat-7001 is a combination package of 2 products.

MSE 200 Floorcoat A-comp MSE 300 Floor/Wallcoat B-comp

MANUFACTURER: Schippers Europe BV Rond Deel 12 5531 AH Bladel - Nederland

**TELEPHONE NUMBER: +31 497 339771** 

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES: Although preparer and owner have taken reasonable care in the preparation of this document, we extend no warranties and make no representation as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each user should make a determination as to the suitability of the information for their particular purpose(s). This MSDS is the most recent received from the product manufacturer or distributor.



# Safety Data Sheet

Passion for Farmina

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of issue: 05/06/2015 Revision date: 06/07/2018 Supersedes: 05/06/2015

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

**Product identifier** 

Product form : Mixtures

Product name : MSE 200 Floorcoat A-comp

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

1.2.1. Relevant identified uses

Industrial/Professional use spec : For professional use only

1.2.2. Uses advised against

No additional information available

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

Schippers Europe BV Rond Deel 12 5531 AH Bladel - Nederland

T+31 497 339771

#### 1.4. **Emergency telephone number**

Country	Organisation/Company	Address	Emergency number
Belgium	Centre Anti-Poisons/Antigifcentrum c/o Hôpital Central de la Base - Reine Astrid	Rue Bruyn 1 1120 Bruxelles/Brussel	+32 70 245 245

# **SECTION 2: Hazards identification**

### Classification of the substance or mixture

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

H315 Skin Irrit. 2 Eye Irrit. 2 H319 Skin Sens. 1 H317 Aquatic Chronic 2 H411

Full text of hazard classes and H-statements : see section 16

#### 2.2. **Label elements**

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

Hazard pictograms (CLP)





GHS07

Signal word (CLP) : Warning

Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxirane; Formaldehyde, Hazardous ingredients

oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol

Hazard statements (CLP) H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation.

H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP) : P261 - Avoid breathing vapours.

P264 - Wash hands, forearms and face thoroughly after handling.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P273 - Avoid release to the environment.

P280 - Wear protective clothing, eye protection, face protection, protective gloves.

P302+P352 - IF ON SKIN: Wash with plenty of water.

Extra phrases : Contains epoxy constituents. May produce an allergic reaction.

# Other hazards

Adverse physicochemical, human health and environmental effects

: Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Toxic to aquatic life with long lasting effects.

EN (English) 18/10/2018 1/10

Version: 2.0

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

# **SECTION 3: Composition/information on ingredients**

### 3.1. Substances

Not applicable

# 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxirane	(CAS-No.) 25068-38-6 (EC-No.) 500-033-5 (EC Index-No.) 603-074-00-8 (REACH-no) 01-2119456619-26	17 - 36	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411
Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol	(CAS-No.) 9003-36-5 (REACH-no) 01-2119454392-40	7 - 9	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411
	(CAS-No.) 933999-84-9 (REACH-no) 01-2119463471-41	7 - 9	Skin Sens. 1, H317 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 3, H412
Toluene substance with a Community workplace exposure limit	(CAS-No.) 108-88-3 (EC-No.) 203-625-9 (EC Index-No.) 601-021-00-3	0,00023 - 0,00056	Flam. Liq. 2, H225 Repr. 2, H361d Asp. Tox. 1, H304 STOT RE 2, H373 Skin Irrit. 2, H315 STOT SE 3, H336

### Specific concentration limits:

Name	Product identifier	Specific concentration limits
Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2- (chloromethyl)oxirane	(CAS-No.) 25068-38-6 (EC-No.) 500-033-5	(C >= 5) Skin Irrit. 2, H315 (C >= 5) Eye Irrit. 2, H319
	(EC Index-No.) 603-074-00-8 (REACH-no) 01-2119456619-26	

Full text of H-statements: see section 16

# **SECTION 4: First aid measures**

# 4.1. Description of first aid measures

First-aid measures after inhalation

: If unconscious place in recovery position and seek medical advice.

First-aid measures after skin contact

: Rinse skin with water/shower. Take off immediately all contaminated clothing. If skin irritation or

rash occurs: Get medical advice/attention.

First-aid measures after eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to

do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion

: IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Give large quantities of water.

Immediately consult a doctor/medical service.

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

Symptoms/effects : No supplementary information available.

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

Treat symptomatically. No supplementary information available.

# **SECTION 5: Firefighting measures**

## 5.1. Extinguishing media

Suitable extinguishing media : carbon dioxide (CO2). Powder. Strong water jet.

# 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of

: Hydrogen chloride. carbon monoxide. Toxic fumes may be released.

### 5.3. Advice for firefighters

Protection during firefighting

: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

Other information

: Dispose of in accordance with relevant local regulations. Do not allow run-off from fire fighting to enter drains or water courses.

# **SECTION 6: Accidental release measures**

# 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Use protective clothing. Keep public away.

18/10/2018 EN (English) 2/10

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### 6.1.1. For non-emergency personnel

No additional information available

### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information

refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment. Prevent liquid from entering sewers, watercourses, underground or low areas.

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

Methods for cleaning up : Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding

agents).

Other information : Concerning disposal elimination after cleaning, see section 13.

# 6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

# **SECTION 7: Handling and storage**

## 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station.

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

Information on mixed storage : not necessary.

Storage area : Keep in a well-ventilated room. The floor of the depot should be impermeable and designed to

form a water-tight basin. Store in a dry, cool area. Keep container tight closed.

### 7.3. Specific end use(s)

No supplementary information available.

# SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Toluene (108-88-3)		
EU	IOELV TWA (mg/m³)	192 mg/m³
EU	IOELV TWA (ppm)	50 ppm
EU	IOELV STEL (mg/m³)	384 mg/m³
EU	IOELV STEL (ppm)	100 ppm
Belgium	Limit value (mg/m³)	77 mg/m³
Belgium	Limit value (ppm)	20 ppm
Belgium	Short time value (mg/m³)	384 mg/m³
Belgium	Short time value (ppm)	100 ppm
France	VME (mg/m³)	76,8 mg/m³
France	VME (ppm)	20 ppm
France	VLE (mg/m³)	384 mg/m³
France	VLE (ppm)	100 ppm
Netherlands	Grenswaarde TGG 8H (mg/m³)	150 mg/m³
Netherlands	Grenswaarde TGG 8H (ppm)	39 ppm
Netherlands	Grenswaarde TGG 15MIN (mg/m³)	384 mg/m³
Netherlands	Grenswaarde TGG 15MIN (ppm)	100 ppm
United Kingdom	WEL TWA (mg/m³)	191 mg/m³
United Kingdom	WEL TWA (ppm)	50 ppm
United Kingdom	WEL STEL (mg/m³)	384 mg/m³
United Kingdom	WEL STEL (ppm)	100 ppm
USA - ACGIH	ACGIH TWA (ppm)	20 ppm

Additional information

: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace

## 8.2. Exposure controls

Appropriate engineering controls

: Wash hands before breaks and after work. Keep away from food, drink and animal feeding stuffs. Remove contaminated clothes. Avoid all contact with skin, eyes, or clothing.

18/10/2018 EN (English) 3/10

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Hand protection : Gloves made of insulating material. Butyl rubber gloves. Nitrile rubber gloves. Since the product

consists of several substances, it is possible to estimate the durability of the glove material

beforehand and it therefore needs to be tested before use

Eye protection : Safety glasses

Skin and body protection : Wear suitable protective clothing

Respiratory protection : not necessary

# **SECTION 9: Physical and chemical properties**

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

Physical state : Liquid

Colour : No data available Odour : No data available Odour threshold : No data available : No data available Relative evaporation rate (butylacetate=1) : No data available Melting point : Not applicable Freezing point : No data available Boiling point : No data available Flash point No data available Auto-ignition temperature : No data available Decomposition temperature : No data available Flammability (solid, gas) : Not applicable Vapour pressure No data available Relative vapour density at 20 °C No data available Relative density : No data available Solubility : No data available Log Pow No data available Viscosity, kinematic No data available Viscosity, dynamic : No data available : No data available Explosive properties

# 9.2. Other information

No additional information available

# **SECTION 10: Stability and reactivity**

# 10.1. Reactivity

Oxidising properties

Explosive limits

No supplementary information available.

### 10.2. Chemical stability

No additional information available

# 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

## 10.4. Conditions to avoid

No additional information available

# 10.5. Incompatible materials

No additional information available

# 10.6. Hazardous decomposition products

No additional information available

# SECTION 11: Toxicological information

# 11.1. Information on toxicological effects

Acute toxicity : Not classified

Phenol, 4,4'-(1-methylethylidene)bis-, polymer	r with 2-(chloromethyl)oxirane (25068-38-6)
LD50 oral rat	11400 mg/kg
LD50 dermal rat	2000 mg/kg

No data availableNo data available

18/10/2018 EN (English) 4/10

Bioaccumulative potential

**MSE 200 Floorcoat A-comp**Bioaccumulative potential

Log Pow

**(933999-84-9)** Log Pow

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol (9003-36-5)			
LD50 oral rat	> 2000 mg/kg		
LD50 dermal rat	> µl/kg		
LD50 dermal rabbit	> 2000 mg/kg		
(933999-84-9)			
LD50 oral rat	> 8500 mg/kg bodyweight		
LD50 dermal rabbit	> 4900 mg/kg		
Toluene (108-88-3)			
LD50 oral rat	5580 mg/kg bodyweight		
LD50 dermal rabbit	> 5000 mg/kg bodyweight		
LC50 inhalation rat (mg/l)	25,7 mg/l air		
Skin corrosion/irritation	: Causes skin irritation.		
Serious eye damage/irritation	: Causes serious eye irritation.		
Respiratory or skin sensitisation	: May cause an allergic skin reaction.		
Germ cell mutagenicity	: Not classified		
Carcinogenicity	: Not classified		
Reproductive toxicity	: Not classified		
STOT-single exposure	: Not classified		
STOT-repeated exposure	: Not classified		
Aspiration hazard	: Not classified		
Ecology - general	: Toxic to aquatic life with long lasting effects.		
	lymer with 2-(chloromethyl)oxirane (25068-38-6)		
LC50 fish 1	1,3 mg/l		
EC50 Daphnia 1	2,1 mg/l		
NOEC chronic crustacea	0,3 mg/l		
	lucts with 1-chloro-2,3-epoxypropane and phenol (9003-36-5)		
LC50 fish 1	2,54 mg/l		
EC50 Daphnia 1	2,55 mg/l		
(933999-84-9)			
LC50 fish 1	30 mg/l		
EC50 Daphnia 1	39 - 57 mg/l		
ErC50 (other aquatic plants)	47 mg/l		
Toluene (108-88-3)			
LC50 fish 1	5,5 mg/l		
12.2. Persistence and degradability			
MSE 200 Floorcoat A-comp			
•	The product is not biodegradable.		
MSE 200 Floorcoat A-comp Persistence and degradability			
•	2,15 g O <sub>2</sub> /g substance		
Persistence and degradability			
Persistence and degradability  Toluene (108-88-3)	2,52 g O <sub>2</sub> /g substance		
Persistence and degradability  Toluene (108-88-3)  Biochemical oxygen demand (BOD)	$2,52 \text{ g O}_2$ /g substance $3,13 \text{ g O}_2$ /g substance		
Persistence and degradability  Toluene (108-88-3)  Biochemical oxygen demand (BOD)  Chemical oxygen demand (COD)			

18/10/2018 EN (English) 5/10

No supplementary information available.

Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxirane (25068-38-6)

Log Pow 2,64 - 3,78

Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol (9003-36-5)

3,3

0,822

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Toluene (108-88-3)		
	BCF fish 1	90
	Log Pow	2,73

### 12.4. Mobility in soil

MSE 200 Floorcoat A-comp	
Ecology - soil  Hazardous to water (WGK 2). Toxic to fish. Do not flush into surface water or sewer Toxic to aquatic organisms.	
(933999-84-9)	
Log Koc	2,98
Toluene (108-88-3)	
Surface tension	27,73 N/m

### 12.5. Results of PBT and vPvB assessment

Component	
(933999-84-9)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

## 12.6. Other adverse effects

Other adverse effects : No supplementary information available.

# **SECTION 13: Disposal considerations**

# 13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.

# **SECTION 14: Transport information**

In accordance with ADR / RID / IMDG / IATA / ADN

### 14.1. UN number

 UN-No. (ADR)
 : 3082

 UN-No. (IMDG)
 : 3082

 UN-No. (IATA)
 : 3082

 UN-No. (ADN)
 : 3082

 UN-No. (RID)
 : 3082

# 14.2. UN proper shipping name

Proper Shipping Name (ADR) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Proper Shipping Name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Proper Shipping Name (IATA) : Environmentally hazardous substance, liquid, n.o.s.

Proper Shipping Name (ADN) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Proper Shipping Name (RID) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Transport document description (ADR) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy

derivatives), 9, III, (E)

Transport document description (IMDG) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy

derivatives), 9, III, MARINE POLLUTANT

# 14.3. Transport hazard class(es)

## ADR

Transport hazard class(es) (ADR) : 9
Danger labels (ADR) : 9



### **IMDG**

Transport hazard class(es) (IMDG) : 9
Danger labels (IMDG) : 9

18/10/2018 EN (English) 6/10

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830



# IATA

Transport hazard class(es) (IATA) : 9
Hazard labels (IATA) : 9



### ADN

Transport hazard class(es) (ADN) : 9
Danger labels (ADN) : 9



### RID

Transport hazard class(es) (RID) : 9
Danger labels (RID) : 9



# 14.4. Packing group

Packing group (ADR) : III
Packing group (IMDG) : III
Packing group (IATA) : III
Packing group (ADN) : III
Packing group (RID) : III

# 14.5. Environmental hazards

Dangerous for the environment : Yes
Marine pollutant : Yes

Other information : No supplementary information available

# 14.6. Special precautions for user

# - Overland transport

Classification code (ADR) : M6

Special provisions (ADR) : 274, 335, 601

Limited quantities (ADR) : 5l Excepted quantities (ADR) : E1

Packing instructions (ADR) : P001, IBC03, LP01, R001

Special packing provisions (ADR) : PP1
Mixed packing provisions (ADR) : MP19
Portable tank and bulk container instructions : T4

(ADR)

Portable tank and bulk container special : TP1, TP29

provisions (ADR)

18/10/2018 EN (English) 7/10

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Tank code (ADR) : LGBV
Vehicle for tank carriage : AT
Transport category (ADR) : 3
Special provisions for carriage - Packages : V12

(ADR)

Special provisions for carriage - Loading,

unloading and handling (ADR)

: CV13

Hazard identification number (Kemler No.) : 90

Orange plates :

90 3082

Tunnel restriction code (ADR) : E EAC code : •3Z

### - Transport by sea

Special provisions (IMDG): 274, 335Limited quantities (IMDG): 5 LExcepted quantities (IMDG): E1

Packing instructions (IMDG): P001, LP01Special packing provisions (IMDG): PP1IBC packing instructions (IMDG): IBC03Tank instructions (IMDG): T4Tank special provisions (IMDG): TP2, TP29

EmS-No. (Fire) : F-A EmS-No. (Spillage) : S-F Stowage category (IMDG) : A

# - Air transport

PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y964
PCA limited quantity max net quantity (IATA) : 30kgG
PCA packing instructions (IATA) : 964
PCA max net quantity (IATA) : 450L
CAO packing instructions (IATA) : 964
CAO max net quantity (IATA) : 450L

Special provisions (IATA) : A97, A158, A197

ERG code (IATA) : 9L

### - Inland waterway transport

Classification code (ADN) : M6

Special provisions (ADN) : 274, 335, 61

Limited quantities (ADN) : 5 L

Excepted quantities (ADN) : E1

Carriage permitted (ADN) : T

Equipment required (ADN) : PP

Number of blue cones/lights (ADN) : 0

Carriage prohibited (ADN) : No

Not subject to ADN : No

# - Rail transport

Classification code (RID) : M6

Special provisions (RID) : 274, 335, 601

Limited quantities (RID) : 5L Excepted quantities (RID) : E1

Packing instructions (RID) : P001, IBC03, LP01, R001

Special packing provisions (RID) : PP1
Mixed packing provisions (RID) : MP19
Portable tank and bulk container instructions : T4

(RID)

18/10/2018 EN (English) 8/10

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Portable tank and bulk container special

provisions (RID)

: TP1, TP29

Tank codes for RID tanks (RID) : LGBV Transport category (RID) : 3 Special provisions for carriage - Packages : W12

Special provisions for carriage - Loading,

unloading and handling (RID)

: CW13, CW31

Colis express (express parcels) (RID) : CE8 Hazard identification number (RID) : 90 Carriage prohibited (RID) · No

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

Not applicable

# **SECTION 15: Regulatory information**

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

#### **EU-Regulations** 15.1.1.

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

#### **National regulations** 15.1.2.

### Germany

VwVwS Annex reference : Water hazard class (WGK) 2, significant hazard to waters (Classification according to VwVwS,

Annex 4)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV

: Is not subject of the 12. BlmSchV (Hazardous Incident Ordinance)

### Netherlands

SZW-lijst van kankerverwekkende stoffen

SZW-lijst van mutagene stoffen

NIET-limitatieve lijst van voor de voortplanting

giftige stoffen - Borstvoeding

NIET-limitatieve lijst van voor de voortplanting

giftige stoffen - Vruchtbaarheid

NIET-limitatieve lijst van voor de voortplanting

giftige stoffen - Ontwikkeling

: None of the components are listed

: None of the components are listed : None of the components are listed

: None of the components are listed

: Toluene is listed

Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product

> Pregnant/breastfeeding women working with the product must not be in direct contact with the product

# **Chemical safety assessment**

No chemical safety assessment has been carried out

# **SECTION 16: Other information**

Indication of changes

indication of changes.			
	Contains	reaction product:	
		bisphenol-A-	
		(epichlorhydrin); epoxy	
		resin (number average	
		molecular weight ≤	
		700)	

## Full text of H- and EUH-statements:

Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2

18/10/2018 EN (English) 9/10

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H361d	Suspected of damaging the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product

18/10/2018 EN (English) 10/10



# Safety Data Sheet

Passion for Farmina

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of issue: 16/06/2015 Revision date: 05/07/2018 Supersedes: 16/06/2015

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

**Product identifier** 

Product form : Mixtures

Product name : MSE 300 Floor/Wallcoat B-comp

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

Relevant identified uses 1.2.1.

Main use category : Professional use

### Uses advised against

No additional information available

# Details of the supplier of the safety data sheet

Schippers Europe BV Rond Deel 12 5531 AH Bladel - Nederland T+31 497 339771

#### 1.4. **Emergency telephone number**

Country	Organisation/Company	Address	Emergency number
Belgium	Centre Anti-Poisons/Antigifcentrum c/o Hôpital Central de la Base - Reine Astrid	Rue Bruyn 1 1120 Bruxelles/Brussel	+32 70 245 245

# **SECTION 2: Hazards identification**

### Classification of the substance or mixture

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

Acute Tox. 4 (Oral) H302 Skin Corr. 1 H314 H318 Eye Dam. 1 H317 Skin Sens. 1 Aquatic Chronic 3 H412

Full text of hazard classes and H-statements : see section 16

### Label elements

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

Hazard pictograms (CLP)





Signal word (CLP)

Hazardous ingredients : m-fenyleenbis(methylamine); 3-aminomethyl-3,5,5-trimethylcyclohexylamine; Phenol,

styrenated; Salicyl zuur; Benzylic alcohol

Hazard statements (CLP) : H302 - Harmful if swallowed.

> H314 - Causes severe skin burns and eye damage. H317 - May cause an allergic skin reaction. H412 - Harmful to aquatic life with long lasting effects.

: P260 - Do not breathe vapours, gas, mist, fume, spray, dust. Precautionary statements (CLP)

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water/shower.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER or doctor.

P405 - Store locked up.

P501 - Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste

18/10/2018 EN (English) 1/10

Version: 2.0

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### 2.3. Other hazards

No additional information available

# **SECTION 3: Composition/information on ingredients**

#### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
3-aminomethyl-3,5,5-trimethylcyclohexylamine	(CAS-No.) 2855-13-2 (EC-No.) 220-666-8 (EC Index-No.) 612-067-00-9 (REACH-no) 01-2119514687-32	25 - 50	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Corr. 1, H314 Skin Sens. 1, H317 Aquatic Chronic 3, H412
Benzylic alcohol	(CAS-No.) 100-51-6 (EC-No.) 202-859-9 (EC Index-No.) 603-057-00-5 (REACH-no) 01-2119492630-38	25 - 50	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Eye Irrit. 2, H319
m-fenyleenbis(methylamine)	(CAS-No.) 1477-55-0 (EC-No.) 216-032-5 (REACH-no) 01-2119480150-50	10 - 25	Skin Sens. 1B, H317 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Aquatic Chronic 3, H412
Phenol, styrenated	(CAS-No.) 61788-44-1 (EC-No.) 262-975-0 (REACH-no) 01-2119980970-27	2,5 - 10	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411
Salicyl zuur	(CAS-No.) 69-72-7 (EC-No.) 200-712-3 (REACH-no) 01-2119486984-17	2,5 - 10	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318

Full text of H-statements: see section 16

# **SECTION 4: First aid measures**

# 4.1. Description of first aid measures

First-aid measures general : Remove contaminated clothes.

First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for

breathing. Get medical advice/attention if you feel unwell.

First-aid measures after skin contact : Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or

rash occurs: Get medical advice/attention.

First-aid measures after eye contact : Get immediate medical advice/attention. Remove contact lenses, if present and easy to do.

Continue rinsing. Rinse cautiously with water for several minutes.

First-aid measures after ingestion : Drink plenty of water. Get medical advice/attention if you feel unwell.

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

No additional information available

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

Treat symptomatically.

# **SECTION 5: Firefighting measures**

# 5.1. Extinguishing media

Suitable extinguishing media : Carbon dioxide. Water. Powder. Alcohol resistant foam.

Unsuitable extinguishing media : Do not use a heavy water stream.

# 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of : Toxic fumes may be released.

fire

## 5.3. Advice for firefighters

Protection during firefighting : [In case of inadequate ventilation] wear respiratory protection.

Other information : Dispose in a safe manner in accordance with local/national regulations.

# **SECTION 6: Accidental release measures**

# 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Personal protective equipment.

18/10/2018 EN (English) 2/10

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### **Environmental precautions**

Prevent entry to sewers and public waters. Avoid release to the environment.

### Methods and material for containment and cleaning up

For containment : Collect spillage.

Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into Methods for cleaning up

container for disposal. Concerning disposal elimination after cleaning, see section 13.

Other information : Provide adequate ventilation.

### Reference to other sections

Clean contaminated surfaces with a soap solution. Clean contaminated surfaces with an excess of water.

# **SECTION 7: Handling and storage**

### Precautions for safe handling

Precautions for safe handling Do not handle until all safety precautions have been read and understood. Provide local

exhaust or general room ventilation. Ensure adequate ventilation.

Hygiene measures Take off contaminated clothing.

# Conditions for safe storage, including any incompatibilities

Technical measures : The floor of the depot should be impermeable and designed to form a water-tight basin.

Storage conditions : Keep only in original container.

: Keep away from food, drink and animal feeding stuffs. Information on mixed storage

Storage area : Store in a well-ventilated place. Special rules on packaging : Store in tightly closed containers.

# Specific end use(s)

No supplementary information available.

# **SECTION 8: Exposure controls/personal protection**

### **Control parameters**

m-fenyleenbis(methylamine) (1477-55-0)		
Belgium	Short time value (mg/m³)	0,1 mg/m³
France	VLE (mg/m³)	0,1 mg/m³
USA - ACGIH	ACGIH Ceiling (mg/m³)	0,1 mg/m³

# **Exposure controls**

: Keep away from food, drink and animal feeding stuffs. Remove contaminated clothes. Wash Appropriate engineering controls

hands before break and at end of works. Avoid contact with skin and eyes.

Personal protective equipment Safety glasses. Gloves. Extra personal protection: A/P2 filter respirator for organic vapour and

harmful dust.

Materials for protective clothing : Wear suitable protective clothing

Hand protection Gloves must be replaced after each use and whenever signs of wear or perforation appear. Nitrile rubber gloves. Neoprene/viton®. Polyvinylchloride (PVC). Layer thickness: >0,5mm.

unsuitable materials: leather gloves, thick fabric gloves. Since the product consists of several substances, the durability of the glove material cannot be estimated and needs to be tested before use

Eye protection : Protective goggles

Skin and body protection : Wear suitable protective clothing

Respiratory protection In case of inadequate ventilation wear respiratory protection. Extra personal protection: P2 filter

respirator for harmful particles





18/10/2018 EN (English) 3/10

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

# **SECTION 9: Physical and chemical properties**

# 9.1. Information on basic physical and chemical properties

Physical state : Liquid

Colour : No data available Odour No data available Odour threshold : No data available : No data available Relative evaporation rate (butylacetate=1) : No data available Melting point No data available : No data available Freezing point **Boiling point** : No data available Flash point : No data available Auto-ignition temperature : No data available : No data available Decomposition temperature Flammability (solid, gas) : No data available Vapour pressure : No data available Relative vapour density at 20 °C No data available Relative density : No data available Solubility : No data available : No data available Log Pow Viscosity, kinematic No data available : No data available Viscosity, dynamic

# 9.2. Other information

No additional information available

# **SECTION 10: Stability and reactivity**

## 10.1. Reactivity

Explosive properties

Oxidising properties

Explosive limits

No supplementary information available.

# 10.2. Chemical stability

Stable under normal conditions.

# 10.3. Possibility of hazardous reactions

Reacts vigorously with strong oxidizers and acids. Stable under normal conditions.

: No data available

: No data available

: No data available

# 10.4. Conditions to avoid

No supplementary information available.

# 10.5. Incompatible materials

Oxidizing agent.

ATE CLP (oral)

# 10.6. Hazardous decomposition products

None under normal use. In case of fire: Toxic gases.

# **SECTION 11: Toxicological information**

# 11.1. Information on toxicological effects

Acute toxicity : Oral: Harmful if swallowed.

***= == (*****)	100,100 11.9,119 11.019.11	
m-fenyleenbis(methylamine) (1477-55-0)		
LD50 oral rat	200 - 2000 mg/kg bodyweight	
LD50 dermal rat	> 3100 mg/kg bodyweight	
LD50 dermal rabbit	2000 mg/kg	
LC50 inhalation rat (mg/l)	1,34 mg/l	

463,755 mg/kg bodyweight

3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2)		
LD50 oral rat	1030 mg/kg	
LD50 dermal rat	> 2000 mg/kg bodyweight	
LC50 inhalation rat (mg/l)	> 5,01 mg/l/4h	

18/10/2018 EN (English) 4/10

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Salicyl zuur (69-72-7)	
LD50 oral rat	891 mg/kg bodyweight
LD50 dermal rat	> 2000 mg/kg
LD50 dermal rabbit	> 10000 mg/kg
Benzylic alcohol (100-51-6)	
LD50 oral rat	1620 mg/kg bodyweight
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 4,178 mg/l air
Skin corrosion/irritation	: Causes severe skin burns and eye damage.
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Based on available data, the classification criteria are not met
Carcinogenicity	: Based on available data, the classification criteria are not met
Reproductive toxicity	: Based on available data, the classification criteria are not met
STOT-single exposure	: Based on available data, the classification criteria are not met
STOT-repeated exposure	: Based on available data, the classification criteria are not met
Aspiration hazard	: Based on available data, the classification criteria are not met

# **SECTION 12: Ecological information**

# 12.1. Toxicity

Phenol, styrenated (61788-44-1)		
EC50 Daphnia 1	> 0,249 mg/l	
Threshold limit algae 1	0,326 mg/l	
Threshold limit algae 2	0,14 mg/l	
m-fenyleenbis(methylamine) (1477-55-0)		
LC50 fish 1	87,6 mg/l	
EC50 Daphnia 1	15,2 mg/l	
LC50 fish 2	> 100 mg/l	
ErC50 (algae)	33,3 mg/l	
Threshold limit algae 1	12 mg/l	
3-aminomethyl-3,5,5-trimethylcyclohexylami	ne (2855-13-2)	
LC50 fish 1	110 mg/l	
EC50 Daphnia 1	23 mg/l	
LC50 fish 2	110 mg/l	
Salicyl zuur (69-72-7)		
LC50 fish 1	90 mg/l	
EC50 Daphnia 1	870 mg/l	
Threshold limit algae 1	> 100 mg/l	
Benzylic alcohol (100-51-6)		
LC50 fish 1	460 mg/l	
EC50 Daphnia 1	230 mg/l	
LC50 fish 2	10 mg/l	
ErC50 (algae)	770 mg/l	
Threshold limit algae 1	640 mg/l	

# 12.2. Persistence and degradability

MSE 300 Floor/Wallcoat B-comp		
Persistence and degradability	No supplementary information available.	
Salicyl zuur (69-72-7)		
Biochemical oxygen demand (BOD)	0,95 g O <sub>2</sub> /g substance	
Chemical oxygen demand (COD)	1,58 g O <sub>2</sub> /g substance	
ThOD	1,623 g O <sub>2</sub> /g substance	
BOD (% of ThOD)	0,41 - 0,60	
Benzylic alcohol (100-51-6)		
Biochemical oxygen demand (BOD)	1,6 g O <sub>2</sub> /g substance	
Chemical oxygen demand (COD)	2,4 g O <sub>2</sub> /g substance	

18/10/2018 EN (English) 5/10

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Benzylic alcohol (100-51-6)		
ThOD	2,5 g O <sub>2</sub> /g substance	
12.3. Bioaccumulative potential		
MSE 300 Floor/Wallcoat B-comp		
Bioaccumulative potential	No supplementary information available.	
Phenol, styrenated (61788-44-1)		
Log Pow	6,24 - 7,77	
m-fenyleenbis(methylamine) (1477-55-0)		
BCF fish 1	< 2,7	
Log Pow	0,18	
3-aminomethyl-3,5,5-trimethylcyclohexylamir	ne (2855-13-2)	
BCF other aquatic organisms 1	3,16	
Log Pow	0,99	
Salicyl zuur (69-72-7)		
Log Pow	2,25	
Benzylic alcohol (100-51-6)		
Log Pow	1 - 1,1	
12.4. Mobility in soil		
MSE 300 Floor/Wallcoat B-comp		
Ecology - soil	No supplementary information available.	
m-fenyleenbis(methylamine) (1477-55-0)		
Log Koc	3,11	
3-aminomethyl-3,5,5-trimethylcyclohexylamir	ne (2855-13-2)	
Surface tension	3,47 N/m	
Benzylic alcohol (100-51-6)		
Surface tension	39 mN/m	
12.5. Results of PBT and vPvB assessmen		
Component		
m-fenyleenbis(methylamine) (1477-55-0)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
	This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	
3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	
Benzylic alcohol (100-51-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	
12.6. Other adverse effects		
Additional information	: danger for water. Do not discharge into drains or rivers. Danger of pollution of drinking water when product enters the soil. Harmful to aquatic organisms	
SECTION 13: Disposal considerations		
13.1. Waste treatment methods		
Waste treatment methods	: Dispose in a safe manner in accordance with local/national regulations.	
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.	
European List of Waste (LoW) code	: 08 00 00 - WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS 08 02 00 - wastes from MFSU of other coatings (including ceramic materials)	

# **SECTION 14: Transport information**

In accordance with ADR / RID / IMDG / IATA / ADN

10/10/0010	EN (E. 11.1)	2/12
Proper Shipping Name (ADR)	: AMINES, LIQUID, CORROSIVE, N.O.S.	
14.2. UN proper shipping name		
UN-No. (RID)	: 2735	
UN-No. (ADN)	: 2735	
UN-No. (IATA)	: 2735	
,		
UN-No. (IMDG)	: 2735	
UN-No. (ADR)	: 2735	
14.1. UN number		

18/10/2018 EN (English) 6/10

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Proper Shipping Name (IMDG) : AMINES, LIQUID, CORROSIVE, N.O.S.

Proper Shipping Name (IATA) : Amines, liquid, corrosive, n.o.s.

Proper Shipping Name (ADN) : AMINES, LIQUID, CORROSIVE, N.O.S.

Proper Shipping Name (RID) : AMINES, LIQUID, CORROSIVE, N.O.S.

Transport document description (ADR) : UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (m-fenyleenbis(methylamine)), 8, II, (E)
Transport document description (IMDG) : UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (m-fenyleenbis(methylamine)), 8, II

# 14.3. Transport hazard class(es)

### **ADR**

Transport hazard class(es) (ADR) : 8
Danger labels (ADR) : 8



### **IMDG**

Transport hazard class(es) (IMDG) : 8
Danger labels (IMDG) : 8



# IATA

Transport hazard class(es) (IATA) : 8
Hazard labels (IATA) : 8



# ADN

Transport hazard class(es) (ADN) : 8
Danger labels (ADN) : 8



# RID

Transport hazard class(es) (RID) : 8
Danger labels (RID) : 8



## 14.4. Packing group

Packing group (ADR) : II
Packing group (IMDG) : II
Packing group (IATA) : II

18/10/2018 EN (English) 7/10

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Packing group (ADN) : II
Packing group (RID) : II

# 14.5. Environmental hazards

Dangerous for the environment : No Marine pollutant : No

Other information : No supplementary information available

### 14.6. Special precautions for user

# - Overland transport

Classification code (ADR) : C7
Special provisions (ADR) : 274
Limited quantities (ADR) : 11
Excepted quantities (ADR) : E2

Packing instructions (ADR) : P001, IBC02
Mixed packing provisions (ADR) : MP15
Portable tank and bulk container instructions : T11

(ADR)

Portable tank and bulk container special

provisions (ADR)

Tank code (ADR) : L4BN
Vehicle for tank carriage : AT
Transport category (ADR) : 2
Hazard identification number (Kemler No.) : 80

Orange plates

80 2735

: TP1, TP27

Tunnel restriction code (ADR) : E
EAC code : 2X
APP code : B

# - Transport by sea

Special provisions (IMDG) : 274 Limited quantities (IMDG) : 1 L Excepted quantities (IMDG) : E2 Packing instructions (IMDG) : P001 IBC packing instructions (IMDG) : IBC02 Tank instructions (IMDG) : T11 Tank special provisions (IMDG) : TP1, TP27 EmS-No. (Fire) : F-A EmS-No. (Spillage) : S-B Stowage category (IMDG) : A

Properties and observations (IMDG) : Colourless to yellowish liquids or solutions with a pungent odour. Miscible with or soluble in water. When involved in a fire, evolve toxic gases. Corrosive to most metals, especially to

copper and its alloys. Reacts violently with acids. Cause burns to skin, eyes and mucous

membranes.

### - Air transport

PCA Excepted quantities (IATA) : E2 PCA Limited quantities (IATA) : Y840 PCA limited quantity max net quantity (IATA) : 0.5L PCA packing instructions (IATA) : 851 PCA max net quantity (IATA) : 1L CAO packing instructions (IATA) : 855 CAO max net quantity (IATA) : 30L Special provisions (IATA) : A3 ERG code (IATA) : 8L

18/10/2018 EN (English) 8/10

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### - Inland waterway transport

Classification code (ADN) : C7 Special provisions (ADN) : 274 Limited quantities (ADN) : 1 L : E2 Excepted quantities (ADN) Carriage permitted (ADN) : T Equipment required (ADN) : PP. EP Number of blue cones/lights (ADN) : 0 Carriage prohibited (ADN) : No Not subject to ADN : No

### - Rail transport

Classification code (RID) : C7 Special provisions (RID) : 274 Limited quantities (RID) : 1L Excepted quantities (RID) : F2

Packing instructions (RID) : P001, IBC02 Mixed packing provisions (RID) : MP15 Portable tank and bulk container instructions : T11

(RID)

Portable tank and bulk container special

provisions (RID)

: TP1, TP27

Tank codes for RID tanks (RID) : L4BN Transport category (RID) : 2 Colis express (express parcels) (RID) : CE6 Hazard identification number (RID) : 80 Carriage prohibited (RID) : No

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

Not applicable

# **SECTION 15: Regulatory information**

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

#### 15.1.1. **EU-Regulations**

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

#### **National regulations** 15.1.2.

# Germany

VwVwS Annex reference : Water hazard class (WGK) 2, significant hazard to waters (Classification according to VwVwS,

Annex 4)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV

: Is not subject of the 12. BlmSchV (Hazardous Incident Ordinance)

### Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting : None of the components are listed giftige stoffen - Borstvoeding

NIET-limitatieve lijst van voor de voortplanting : None of the components are listed

giftige stoffen - Vruchtbaarheid NIET-limitatieve lijst van voor de voortplanting : None of the components are listed

giftige stoffen - Ontwikkeling

### Denmark

Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product

Pregnant/breastfeeding women working with the product must not be in direct contact with the

product

18/10/2018 EN (English) 9/10

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

# 15.2. Chemical safety assessment

Not determined.

# **SECTION 16: Other information**

Other information

: This sheet information describes security recommendations valid for our product. It is not to take as any liability concerning proprieties of our product.

### Full text of H- and EUH-statements:

Tuil text of Tr and EoT statements.	
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Corr. 1	Skin corrosion/irritation, Category 1
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product

18/10/2018 EN (English) 10/10