

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

schülke ->

aspirmatic® **No Change Service!**

Version
02.03

Revision Date:
28.11.2018

Date of last issue: 08.02.2017
Date of first issue: 07.01.2002

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

1.1 Product identifier

Trade name : aspirmatic®

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

Use of the Sub-
stance/Mixture : Disinfectants

Recommended restrictions
on use : Restricted to professional users.

1.3 Details of the supplier of the safety data sheet

Manufacturer/ Supplier : Schülke & Mayr GmbH
Robert-Koch-Str. 2

22851 Norderstedt
Germany
Telephone: +49 (0)40/ 52100-0
Telefax: +49 (0)40/ 52100318
mail@schuelke.com
www.schuelke.com

E-mail address of person
responsible for the
SDS/Contact person : Application Department
+49 (0)40/ 521 00 8800
ApplicationDepartment.SM@schuelke.com
(Schülke & Mayr UK Ltd.: +44-1142543500)

1.4 Emergency telephone number

Emergency telephone num-
ber : UK Poisons Emergency number: 0870 600 6266

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Skin corrosion, Sub-category 1B H314: Causes severe skin burns and eye damage.

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

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Danger

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

schülke 

aspirmatic® **No Change Service!**

Version
02.03

Revision Date:
28.11.2018

Date of last issue: 08.02.2017
Date of first issue: 07.01.2002

- Hazard statements : H314 Causes severe skin burns and eye damage.
- Precautionary statements : P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
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.
P501 Dispose of contents/ container to an approved waste disposal plant.
- Special labelling of certain mixtures : Labelling according to Regulation (EC) No. 648/2004: (< 5 % non-ionic surfactants, < 5% soap, perfumes)

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
No special risks known.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Solution of the following substances with harmless additives.

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Dimethyldioctylammonium chloride	5538-94-3 226-901-0 --- ---	Acute Tox. 4; H302 Skin Corr. 1B; H314 Aquatic Acute 1; H400; M = 1	5 - 8
Ethanol	64-17-5 200-578-6 603-002-00-5 01-2119457610-43-XXXX	Flam. Liq. 2; H225 Eye Irrit. 2; H319	< 5
Alcohol alkoxylated	68551-13-3 --- --- ---	Aquatic Acute 1; H400	< 1

For explanation of abbreviations see section 16.

aspirmatic® No Change Service!Version
02.03Revision Date:
28.11.2018Date of last issue: 08.02.2017
Date of first issue: 07.01.2002

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

- General advice : Take off all contaminated clothing immediately.
- In case of skin contact : Wash off immediately with plenty of water.
If symptoms persist, call a physician.
- In case of eye contact : In the case of contact with eyes, rinse immediately with plenty
of water and seek medical advice.
If eye irritation persists, consult a specialist.
- If swallowed : Do NOT induce vomiting.
Drink water as a precaution.
If symptoms persist, call a physician.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : Treat symptomatically.

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : For specialist advice physicians should contact the Poisons
Information Service.

SECTION 5: Firefighting measures**5.1 Extinguishing media**

- Suitable extinguishing media : Dry powder
Foam
Water spray jet
Carbon dioxide (CO₂)
- Unsuitable extinguishing media : Do not use a solid water stream as it may scatter and spread
fire.

5.2 Special hazards arising from the substance or mixture

- Specific hazards during fire-fighting : No information available.

5.3 Advice for firefighters

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

aspirmatic® No Change Service!Version
02.03Revision Date:
28.11.2018Date of last issue: 08.02.2017
Date of first issue: 07.01.2002

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

Personal precautions : Increased risk of slipping in the presence of leaked / spilled product.
Use personal protective equipment.

6.2 Environmental precautions

Environmental precautions : Avoid subsoil penetration.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

6.4 Reference to other sections

see Section 8 + 13

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Advice on safe handling : Prepare the working solution as given on the label(s) and/or the user instructions.

Advice on protection against fire and explosion : No special protective measures against fire required.

Hygiene measures : Keep away from food and drink.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Recommended storage temperature: 5 - 25°C

Further information on storage conditions : Keep away from heat. Keep container tightly closed.

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

7.3 Specific end use(s)

Specific use(s) : none

aspirmatic® No Change Service!Version
02.03Revision Date:
28.11.2018Date of last issue: 08.02.2017
Date of first issue: 07.01.2002**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:**

Substance name	End Use	Exposure routes	Potential health effects	Value
Ethanol	Workers	Inhalation	Acute effects, Local effects	1900 mg/m ³
	Workers	Skin contact	Chronic effects	343 mg/kg
	Workers	Inhalation	Chronic effects	950 mg/m ³

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
Ethanol	Fresh water	0,96 mg/l
	Marine water	0,79 mg/l
	Fresh water sediment	3,6 mg/kg
	Soil	0,63 mg/kg

8.2 Exposure controls**Personal protective equipment**

Eye protection : Safety glasses with side-shields conforming to EN166

Hand protection
Directive : The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.

Remarks : Splash protection: disposable nitrile rubber gloves e.g. Dermatril (layer thickness: 0.11 mm) made by KCL or gloves from other manufacturers offering the same protection. Prolonged contact: Nitrile rubber gloves e.g. Camatril (>480 Min., layer thickness: 0,40 mm) or butyl rubber gloves e.g. Butoject (>480 Min., layer thickness: 0,70 mm) made by KCL or gloves from other manufacturers offering the same protection.

Protective measures : Avoid contact with skin and eyes.

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

Appearance : liquid

Colour : blue

Odour : odourized

Odour Threshold : not determined

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

schülke 

aspirmatic® **No Change Service!**

Version
02.03

Revision Date:
28.11.2018

Date of last issue: 08.02.2017
Date of first issue: 07.01.2002

pH	:	6,5 - 7,5 (20 °C)
Melting point/freezing point	:	ca. 0 °C
Decomposition temperature		Not applicable
Boiling point/boiling range	:	ca. 100 °C
Flash point	:	Not applicable
Evaporation rate	:	No data available
Flammability (solid, gas)	:	Not applicable
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapour pressure	:	No data available
Vapour density	:	No data available
Relative density	:	ca. 0,99 g/cm ³ (20 °C)
Solubility(ies)		
Water solubility	:	in all proportions (20 °C)
Partition coefficient: n-octanol/water	:	Not applicable
Auto-ignition temperature	:	No data available
Viscosity		
Viscosity, dynamic	:	No data available
Explosive properties	:	No data available
Oxidizing properties	:	No data available

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

Hazardous reactions : None reasonably foreseeable.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

schülke -t

aspirmatic® **No Change Service!**

Version
02.03

Revision Date:
28.11.2018

Date of last issue: 08.02.2017
Date of first issue: 07.01.2002

10.4 Conditions to avoid

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

10.5 Incompatible materials

Materials to avoid : None reasonably foreseeable.

10.6 Hazardous decomposition products

None reasonably foreseeable.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product:

Acute oral toxicity : Acute toxicity estimate: > 5.000 mg/kg

Acute inhalation toxicity : Acute toxicity estimate: > 50 mg/l

Acute dermal toxicity : Acute toxicity estimate: > 15.000 mg/kg

Components:

Dimethyldioctylammonium chloride:

Acute oral toxicity : LD50 (Rat): 200 - 2.000 mg/kg

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : Remarks: No data available

Ethanol:

Acute oral toxicity : LD50 (Mouse): 8.300 mg/kg

Acute inhalation toxicity : LC50 (Mouse): 39 mg/l
Exposure time: 4 h

Acute dermal toxicity : LD50 (Rabbit): 20.000 mg/kg

Alcohol alkoxylated:

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

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : Remarks: No data available

Skin corrosion/irritation

Product:

Assessment : Causes severe skin burns and eye damage.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

schülke ->

aspirmatic® **No Change Service!**

Version
02.03

Revision Date:
28.11.2018

Date of last issue: 08.02.2017
Date of first issue: 07.01.2002

Method : Calculation method

Components:

Dimethyldioctylammonium chloride:

Species : Rabbit
Exposure time : 24 h
Result : Corrosive

Ethanol:

Species : Rabbit
Result : No skin irritation

Alcohol alkoxylated:

Species : Rabbit
Result : slight irritation

Serious eye damage/eye irritation

Product:

Assessment : Causes serious eye damage.
Method : Calculation method

Components:

Dimethyldioctylammonium chloride:

Species : Rabbit
Result : Corrosive

Ethanol:

Species : Rabbit
Assessment : Causes serious eye irritation.
Method : OECD Test Guideline 405

Alcohol alkoxylated:

Species : Rabbit
Result : Moderate eye irritation

Respiratory or skin sensitisation

Components:

Dimethyldioctylammonium chloride:

Remarks : No data available

Ethanol:

Test Type : Maximisation Test
Species : Guinea pig
Result : Did not cause sensitisation on laboratory animals.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

schülke 

aspirmatic® **No Change Service!**

Version
02.03

Revision Date:
28.11.2018

Date of last issue: 08.02.2017
Date of first issue: 07.01.2002

Alcohol alkoxylated:

Remarks : No data available

Germ cell mutagenicity

Components:

Dimethyldioctylammonium chloride:

Germ cell mutagenicity- Assessment : No data available

Ethanol:

Genotoxicity in vitro : Method: OECD Test Guideline 471
Result: Not mutagenic in Ames Test

Genotoxicity in vivo : Remarks: Non mutagenic

Germ cell mutagenicity- Assessment : Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

Alcohol alkoxylated:

Germ cell mutagenicity- Assessment : No data available

Carcinogenicity

Components:

Dimethyldioctylammonium chloride:

Carcinogenicity - Assessment : No data available

Ethanol:

Carcinogenicity - Assessment : Did not show carcinogenic effects in animal experiments.

Alcohol alkoxylated:

Carcinogenicity - Assessment : No data available

Reproductive toxicity

Components:

Dimethyldioctylammonium chloride:

Reproductive toxicity - Assessment : No data available

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

schülke 

aspirmatic® **No Change Service!**

Version
02.03

Revision Date:
28.11.2018

Date of last issue: 08.02.2017
Date of first issue: 07.01.2002

Ethanol:

Effects on foetal development : Species: Rat
Application Route: Oral
General Toxicity Maternal: NOAEL: 2.000 mg/kg body weight

Reproductive toxicity - Assessment : In animal testing, risk of impaired fertility was shown only after administration of very high doses of this substance.

Alcohol alkoxylated:

Reproductive toxicity - Assessment : No data available

STOT - single exposure

Components:

Dimethyldioctylammonium chloride:

||Remarks : No data available

Ethanol:

Remarks : No data available

Alcohol alkoxylated:

||Remarks : No data available

STOT - repeated exposure

Components:

Dimethyldioctylammonium chloride:

Remarks : No data available

Ethanol:

Remarks : No data available

Alcohol alkoxylated:

||Remarks : No data available

Repeated dose toxicity

Components:

Ethanol:

Species : Rat
NOAEL : 1.730 mg/kg
LOAEL : 3.160 mg/kg
Application Route : Oral
Exposure time : 90 d

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

schülke -t

aspirmatic® **No Change Service!**

Version
02.03

Revision Date:
28.11.2018

Date of last issue: 08.02.2017
Date of first issue: 07.01.2002

Aspiration toxicity

No data available

Further information

Product:

Remarks : No data is available on the product itself.

SECTION 12: Ecological information

12.1 Toxicity

Product:

Toxicity to microorganisms : EC50 : 520 mg/l
Method: OECD 209

Components:

Dimethyldioctylammonium chloride:

Toxicity to fish : LC50 (Oncorhynchus mykiss): 0,35 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : Remarks: No data available

Toxicity to algae : Remarks: No data available

M-Factor (Acute aquatic toxicity) : 1

Ethanol:

Toxicity to fish : LC50 (Leuciscus idus (Golden orfe)): 8.140 mg/l
Exposure time: 48 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 5.000 mg/l
Exposure time: 48 h

Toxicity to algae : IC50 (Scenedesmus quadricauda (Green algae)): > 100 mg/l
Exposure time: 72 h

Alcohol alkoxylated:

Toxicity to fish : LC50 (Oncorhynchus mykiss): 0,61 - 0,75 mg/l
Exposure time: 96 h
Test Type: static test

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna): 0,17 - 0,25 mg/l
Exposure time: 48 h
Test Type: static test

Toxicity to microorganisms :
Remarks: No data available

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

schülke -t

aspirmatic® **No Change Service!**

Version
02.03

Revision Date:
28.11.2018

Date of last issue: 08.02.2017
Date of first issue: 07.01.2002

12.2 Persistence and degradability

Product:

Biodegradability : Result: Readily biodegradable.
Method: OECD 301D / EEC 84/449 C6

Chemical Oxygen Demand (COD) : ca. 2.630 mg/l
Test substance: 1 % solution

Components:

Dimethyldioctylammonium chloride:

Biodegradability : Result: Biodegradable

Ethanol:

Biodegradability : Result: Readily biodegradable.

12.3 Bioaccumulative potential

Components:

Dimethyldioctylammonium chloride:

Bioaccumulation : Remarks: No data available

Ethanol:

Bioaccumulation : Remarks: Bioaccumulation is unlikely.

Partition coefficient: n-octanol/water : log Pow: -0,14
Method: Calculated value

Alcohol alkoxyated:

Bioaccumulation : Remarks: No data available

12.4 Mobility in soil

Components:

Dimethyldioctylammonium chloride:

Mobility : Remarks: No data available

Ethanol:

Mobility : Remarks: No data available

Alcohol alkoxyated:

Mobility : Remarks: No data available

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

schülke 

aspirmatic® **No Change Service!**

Version
02.03

Revision Date:
28.11.2018

Date of last issue: 08.02.2017
Date of first issue: 07.01.2002

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

12.6 Other adverse effects

Product:

Additional ecological information : No data is available on the product itself.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : Dispose of the product according to the defined EWC (European Waste Code) No.

Contaminated packaging : Take empty packaging to the recycling plant.

Waste key for the unused product : European waste catalog (EWC) 070601

Waste key for the unused product(Group) : Waste material of HZVA from fats, lubricants, soaps, detergents, disinfectants and personal protection products.

SECTION 14: Transport information

14.1 UN number

IMDG : UN 1903

IATA : UN 1903

14.2 UN proper shipping name

IMDG : DISINFECTANT, LIQUID, CORROSIVE, N.O.S.
(Dimethyldioctylammonium chloride)

IATA : DISINFECTANT, LIQUID, CORROSIVE, N.O.S.
(Dimethyldioctylammonium chloride)

14.3 Transport hazard class(es)

IMDG : 8

IATA : 8

14.4 Packing group

IMDG

Packing group : III

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

schülke 

aspirmatic® **No Change Service!**

Version
02.03

Revision Date:
28.11.2018

Date of last issue: 08.02.2017
Date of first issue: 07.01.2002

Labels : 8
EmS Code : F-A, S-B

IATA (Cargo)

Packing instruction (cargo aircraft) : 856
Packing group : III
Labels : Corrosive

IATA (Passenger)

Packing group : III
Labels : Corrosive

14.5 Environmental hazards

IMDG

Marine pollutant : no

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.
For personal protection see section 8.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

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

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

Volatile organic compounds : Volatile organic compounds (VOC) content: < 5 %
Directive 2010/75/EC on the limitation of emissions of volatile organic compounds

Other regulations:

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.
Take note of Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values.

aspirmatic® No Change Service!Version
02.03Revision Date:
28.11.2018Date of last issue: 08.02.2017
Date of first issue: 07.01.2002**15.2 Chemical safety assessment**

Exempt

SECTION 16: Other information**Full text of H-Statements**

H225 : Highly flammable liquid and vapour.
H302 : Harmful if swallowed.
H314 : Causes severe skin burns and eye damage.
H319 : Causes serious eye irritation.
H400 : Very toxic to aquatic life.

Full text of other abbreviations

Acute Tox. : Acute toxicity
Aquatic Acute : Short-term (acute) aquatic hazard
Eye Irrit. : Eye irritation
Flam. Liq. : Flammable liquids
Skin Corr. : Skin corrosion

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

schülke ->

aspirmatic® **No Change Service!**

Version
02.03

Revision Date:
28.11.2018

Date of last issue: 08.02.2017
Date of first issue: 07.01.2002

Further information

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) No. 1272/2008

Skin Corr. 1B, H314 : Calculation method
Eye Dam. 1, H318 : Calculation method

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.