

SAFETY DATA SHEET according to Regulation 1907/2006

Product name: 7030-7050-7070 Maxx™ Thinner

Creation date: 14.11.2006

Revision: 1.6.2015

Version: 1



SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1. Identification of the substance/preparation

Product name

7030-7050-7070 Maxx™ Thinner



chemius.net/i3697

1.2. Use of the substance/preparation

Use

Thinner

Uses advised against

No information

1.3. Company/undertaking identification

Manufacturer

SILCO, D.O.O.

Šentrupert 5 a, 3303 Gomilsko, Slovenia

Tel: +386 3 703 3180

Fax: +386 3 703 3188

e-mail: v.zibret@silco-automotive.com

1.4. Emergency telephone

Emergency

112

Supplier

+386 3 703 3180

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of substance/preparation

Classification according to Reg. 1272/2008

Fam. Liq. 3; H226 Flammable liquid and vapour.

Asp. Tox. 1; H304 May be fatal if swallowed and enters airways.

Skin Irrit. 2; H315 Causes skin irritation.

Eye Irrit. 2; H319 Causes serious eye irritation.

Acute Tox. 4; H332 Harmful if inhaled.

STOT SE 3; H336 May cause drowsiness or dizziness.

STOT RE 2; H373 May cause damage to organs through prolonged or repeated exposure.

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2.2 Label elements

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

Signal word: **Danger**

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

H373 May cause damage to organs through prolonged or repeated exposure.

EUH066 Repeated exposure may cause skin dryness or cracking.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P264 Wash with soap and water thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P370 + P378 In case of fire: Use powder or CO₂ for extinction.

2.2.2. Contains:

n-butyl acetate

ethyl acetate

Xylene

methyl amyl ketone

2.2.3. Special provisions

Special hazards are not known or expected.

2.3. Other hazards

No information

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

For mixtures see 3.2.

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3.2. Mixtures

Chemical name	CAS EC Index	%	Classification according to Regulation (EC) No 1272/2008 [CLP]	REACH reg. number
n-butyl acetate	123-86-4 204-658-1 607-025-00-1	20-60	Flam. Liq. 3; H226 STOT SE 3; H336 EUH066	01-2119485493-29
2-methoxy-1-methylethyl acetate	108-65-6 203-603-9 607-195-00-7	15-45	Flam. Liq. 3; H226	01-2119475791-29
ethyl acetate	141-78-6 205-500-4 607-022-00-5	0-40	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 EUH066	-
2-butoxyethyl acetate	112-07-2 203-933-3 607-038-00-2	5-20	Acute Tox. 4; H312 Acute Tox. 4; H332	01-2119475112-47
Xylene [C]	1330-20-7 215-535-7 601-022-00-9	5-12,5	Flam. Liq. 3; H226 Asp. Tox. 1; H304 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Acute Tox. 4; H332 STOT SE 3; H335 STOT RE 2; H373	01-2119488216-32
methyl amyl ketone	110-43-0 203-767-1 606-024-00-3	0-10	Flam. Liq. 3; H226 Acute Tox. 4; H302 Acute Tox. 4; H332	-

Notes for substances:

C Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers.
In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

SECTION 4. FIRST AID MEASURES

4.1. First-aid measures

General measures

When in doubt or if symptoms do not disappear seek medical help. Show to physician Safety data sheet and label. Never give anything by mouth to an unconscious person.

Skin contact

Immediately remove contaminated clothing. Wash thoroughly with plenty of water and soap! If irritation of skin persists seek medical attention.

Eye contact

Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Consult a physician.

Inhalation

Remove patient to fresh air-move out of dangerous area. Victim should rest in a warm place. If breathing is irregular or respiratory arrest provide artificial respiration. In case of unconsciousness bring patient into stable side position and seek medical attention. If symptoms persist seek medical attention.

Ingestion

Do not induce vomiting. Never give anything by mouth to an unconscious person. Keep person warm and at rest. Consult a physician.

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4.2. Symptoms

Skin contact

Prolonged and repeated contact may dry the skin.
May cause defatting of the skin.
Product may be absorbed through the skin.

Eye contact

Contact with eyes can cause irritation.

Inhalation

Prolonged and repeated exposure to solvents vapour above the established limits may cause irritation of mucus or respiratory system.
Negative effects can affect liver, kidney, and central nervous system.
Symptoms include: headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, unconsciousness.

Ingestion

Aspiration into the lungs causes coughing, shortness of breath and may lead to chemical pneumonia.
May cause abdominal discomfort.
May cause nausea/vomiting and diarrhea.

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

-

SECTION 5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂).
Chemical powder.
Foam.

Unsuitable extinguishing media

Full water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

In the event of fire the following can be generated: carbon monoxide (CO), carbon dioxide (CO₂).

5.3. Advice for firefighters

Protective actions

In case of fire or heating do not breathe fumes/vapours. Cool containers at risk with water spray jet. If possible remove containers from endangered area.

Special protective equipment for fire-fighters

Fire-fighters should wear appropriate protective clothing for fire-fighters (including helmets, protective boots and gloves) (EN 469) and self-contained breathing apparatus (SCBA) with a full face-piece (EN 137) .

5.4. Additional information

Contaminated firefighting water and fire residues must be disposed of in accordance with the local regulations.

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SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment

Use personal protective equipment (Section 8). Avoid contact with the eyes and skin. Do not breathe vapours/smoke!

Emergency procedures

Ensure adequate ventilation. Do not use open fire and keep away all sources of ignition.

6.1.2. For emergency responders

-

6.2. Environmental precautions

Do not allow to enter water/drains/sewerage. Avoid to disperse product in the water and ground. If accidental entry into water or ground occurs, inform responsible authorities.

6.3. Methods and material for containment and cleaning up

6.3.1. For containment

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6.3.2. For cleaning up

Stop leak if without risk. Absorb product (with inert material), collect it in special container and dispose it according to valid regulations on handling with waste. Do not absorb spillage in sawdust or other combustible material.

6.3.3. Other information

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6.4. Reference to other sections

See also sections 8 and 13.

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

7.1.1. Protective measures

Measures to prevent fire

Ensure adequate ventilation. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Use only explosively safe devices.

Measures to prevent aerosol and dust generation

-

Measures to protect the environment

-

7.1.2. Advice on general occupational hygiene

Do not eat, drink or smoke while working. Use good personal hygiene practices-wash hands at breaks and when done working with material. Use personal protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

7.2.1. Technical measures and storage conditions

Keep in cool and well ventilated area. Keep away from food, drink and animal feedingstuffs Protect from open fire, heat and direct sunlight.

7.2.2. Packaging materials

-

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7.2.3. Requirements for storage rooms and vessels

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7.2.4. Storage class

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7.2.5. Further information on storage conditions

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7.3. Specific end use(s)**Recommendations**

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Industrial sector specific solutions

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters**8.1.1. Occupational Exposure limit values

Chemical name (CAS)	Limit values		Short-term exposure limit		Remarks	Biological Tolerance Values
	ml/m ³ (ppm)	mg/m ³	ml/m ³ (ppm)	mg/m ³		
2-Butoxyethyl acetate (112-07-2)	20	133	50	332	Sk	
Butyl acetate (123-86-4)	150	724	200	966		
Ethyl acetate (141-78-6)	200	-	400	-		
Heptan-2-one (110-43-0)	50	237	100	475	Sk	
1-Methoxypropyl acetate (108-65-6)	50	274	100	548	Sk	
Xylene, o-,m-,p- or mixed isomers (1330-20-7)	50	220	100	441	Sk, BMGV	

Exposure limit values (IUCLID)

Chemical name	value	interval x time	Type
2-methoxy-1-methylethyl acetate (108-65-6)	50 ml/m ³	90 mg/m ³ (8 x 15min)	MAK (DE)
2-butoxyethyl acetate (112-07-2)	20 ml/m ³	80 ml/m ³ (4 x 15min)	MAK (DE)
n-butyl acetate (123-86-4)	95 mg/m ³	950 mg/m ³ (4 x 15min)	TLV (US)
Xylene (1330-20-7)	100 ml/m ³	150 ml/m ³ (4 x 15min)	OES (UK)
ethyl acetate (141-78-6)	400 ml/m ³	400 ml/m ³ (1 x 15min)	MAK (DE)

Source: IUCLID (For information only)

8.1.2. Information on monitoring procedures

BS EN 14042:2003 Title Identifier: Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.

8.1.3. DNEL values

No information

8.1.4. PNEC values

No information

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8.2. Exposure controls

8.2.1. Appropriate engineering control

Substance/mixture related measures to prevent exposure during identified uses

Use good personal hygiene practices-wash hands at breaks and when done working with material. Avoid contact with eyes and skin. Do not breathe vapours/aerosols.

Organisational measures to prevent exposure

Do not eat, drink or smoke while working. Remove all contaminated clothes immediately and wash them before reuse.

Technical measures to prevent exposure

Provide good ventilation and local exhaust in the area with increased concentration.

8.2.2. Personal protective equipment

Eye and face protection

Safety glasses with side protection. (EN 166)

Hand protection

Protective gloves (EN 374). Follow the manufacturer's instructions for use, storage, maintenance and glove changing. In case of damage or at the first signs of wear and tear, change the gloves immediately.

Appropriate materials

Material	Thickness	Penetration Time	Remark
PVC	mm		
Neoprene	mm		
Nitrile	mm		

Skin protection

Cotton protective clothing (EN ISO 13688) and shoes that cover the entire foot (EN ISO 20345).

Respiratory protection

In case of insufficient ventilation wear mask with filter A (EN 14387)

Thermal hazards

-

8.2.3. Environmental exposure controls

-

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. General information

-	Physical state:	liquid
-	Colour:	colourless
-	Odour:	characteristic

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Important health, safety and environmental information

-	pH	No information
-	Melting point	-60 °C
-	Boiling point/boiling range	No information
-	Flashpoint	> 23 °C
-	Evaporation rate	No information
-	Ignition temperature	No information
-	Explosion limits (vol%)	No information
-	Vapour pressure	No information
-	Vapour density	> 1
-	Density	Density: 0,902 g/cm ³
-	Solubility	Water: Partially soluble
-	Partition coefficient n-octanol/water (log Kow)	No information
-	Auto-ignition temperature	400 °C
-	Decomposition temperature	No information
-	Viscosity	No information
-	Explosive properties	No information
-	Oxidising properties	No oxidizing properties.

9.2. Other information

-	Weight organic solvents	100 %
-	Remarks:	

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

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10.2. Chemical stability

Product is stable under normal conditions according to handling and storage.

10.3. Possibility of hazardous reactions

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10.4. Conditions to avoid

No special precautions required. Consider the directions for use and storage. Vapours and air can form explosive mixtures. Protect from heat, direct sunlight, open fire, free sparks.

10.5. Incompatible materials

Strong oxidizing agents.
Strong acids.
Strong bases.

10.6. Hazardous decomposition products

Under normal use conditions no hazardous decomposition products expected. In case of fire/explosion vapours dangerous for health are spread.

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SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

11.1.1. Acute toxicity

For components

Chemical name	exp. route	Type	species	Time	value	Method	Remark
n-butyl acetate (123-86-4)	inhalation	LC ₅₀	rat	4 h	21,1 mg/l		vapour
n-butyl acetate (123-86-4)	oral	LD ₅₀	rat		6400 mg/kg		
n-butyl acetate (123-86-4)	dermal	LD ₅₀	rabbit		5000 mg/kg		
2-methoxy-1-methylethyl acetate (108-65-6)	dermal	LD ₅₀	rat		5000 mg/kg		
2-methoxy-1-methylethyl acetate (108-65-6)	oral	LD ₅₀	rat		8530 mg/kg		
2-butoxyethyl acetate (112-07-2)	oral	LD ₅₀	rat		2400 mg/kg		
2-butoxyethyl acetate (112-07-2)	dermal	LD ₅₀	rabbit		1500 mg/kg		
Xylene (1330-20-7)	oral	LD ₅₀	rat		3523 mg/kg		
Xylene (1330-20-7)	inhalation	LC ₅₀	rat	4 h	6350 ppmV		gas
Xylene (1330-20-7)	dermal	LD ₅₀	rabbit		4350 mg/kg		
(108-65-6)*	oral	LD50	rat		2640 – 8800 mg/kg		
(108-65-6)*	oral	LD50	rat		8500 – 6164 mg/kg		
(112-07-2)*	oral	LD50	rat		1600 – 270 mg/kg		
(112-07-2)*	oral	LD50	rat		2350 – 270 mg/kg		
(123-86-4)*	oral	LD50	rabbit		3200 – 1600 mg/kg		
(123-86-4)*	oral	LD50	rat		3200 – 1600 mg/kg		
(1330-20-7)*	oral	LD50	rat		4300 – 8700 mg/kg		
(141-78-6)*	oral	LD50	mouse		4100 – 11200 mg/kg		
(141-78-6)*	oral	LD50	rabbit		4934 – 11200 mg/kg		
(141-78-6)*	dermal	LD50	rabbit		1025 – 1300 mg/kg		
(141-78-6)*	dermal	LD50	rabbit		18000 – 1300 mg/kg		
(112-07-2)*	dermal	LD50	rabbit		1500 – 1600 mg/kg		
(112-07-2)*	dermal	LD50	rabbit		4700 – 1500 mg/kg		
(1330-20-7)*	dermal	LD50	rabbit		4350 – 2000 mg/kg		
(123-86-4)*	dermal	LD50	rabbit		5000 – 19500 mg/kg		
(123-86-4)*	dermal	LD50	rabbit		14100 – 19500 mg/kg		
(108-65-6)*	dermal	LD50	rat		5000 – 1000 mg/kg		
(108-65-6)*	dermal	LD50	rabbit		5000 – 1000 mg/kg		
(123-86-4)*	inhalation	LC50	rat	4 h	0 – 2 mg/l		
(123-86-4)*	inhalation	LC50	rat	4 h	1 – 2 mg/l		
(108-65-6)*	inhalation	LC50	rat	6 h	16 – 78 mg/l		
(108-65-6)*	inhalation	LC50	rat	6 h	23 – 78 mg/l		
(141-78-6)*	inhalation	LC50	mouse	2 h	33 – 7 mg/l		
(141-78-6)*	inhalation	LC50	mouse	3 h	44 – 7 mg/l		
(1330-20-7)*	inhalation	LC50	rat	4 h	6350 – 18 ppm		
(1330-20-7)*	inhalation	LC50	rat	4 h	47635 – 18 mg/l		

* Source: IUCLID (For information only)

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11.1.2. Skin corrosion/irritation, serious eye damage/irritation, aspiration hazard**For components**

Chemical name	exp. route	species	Time	result	Method	Remark
n-butyl acetate (123-86-4)	dermal			Irritating to the skin.		
n-butyl acetate (123-86-4)	inhalation			Irritating to respiratory system.		
n-butyl acetate (123-86-4)	eyes			Irritating.		
2-methoxy-1-methylethyl acetate (108-65-6)	eyes			May cause irritation.		
2-butoxyethyl acetate (112-07-2)	dermal			Prolonged and repeated contact can cause dermatitis.		

11.1.3. Respiratory or skin sensitisation

No information

11.1.4. Carcinogenicity, Mutagenicity, Reproductive toxicity**Carcinogenicity**

No information

(Germ cell) mutagenicity

No information

Reproductive toxicity

No information

Summary of evaluation of the CMR properties

No information

11.1.5. STOT-single and repeated exposure

No information

SECTION 12. ECOLOGICAL INFORMATION**12.1. Toxicity**12.1.1. Acute (short-term) toxicity**For components**

Substance (CAS Nr.)	Type	Value	Exposure time	Species	Organism	Method	Remark
n-butyl acetate (123-86-4)	EC ₅₀	44 mg/L	48 h	crustacea			
Xylene (1330-20-7)	LC ₅₀	2 mg/L	96 h	fish			

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**Acute toxicity of ingredients (IUCLID)**

CAS	Species		
	Fish	Daphnia	Algae
123-86-4	LC50/96h: 18 - 0 mg/l * LC50/96h: 62 - 0 mg/l *	EC50/48h: 32 - 19 mg/l * EC50/24h: 72 - 19 mg/l *	LC50/72h: 674 - 3 mg/l * LC50/8days: 674 - 3 mg/l *
112-07-2	LC50/48h: 80 - 26 mg/l * LC50/96h: 80 - 26 mg/l *	EC50/48h: 37 - 163 mg/l * EC50/48h: 67 - 163 mg/l *	LC50/72h: 500 - 2 mg/l * LC50/96h: 500 - 2 mg/l *
1330-20-7	LC50/48h: 86 - 308 mg/l * LC50/96h: 13500 - 17300 micrograms/l *	EC50/96h: 500 - 18000 micrograms/l * EC50/24h: 500 - 18000 micrograms/l *	LC50/72h: 100 - 3 micrograms/l * EC50/24h: 500 - 18000 micrograms/l *
108-65-6	LC50/96h: 100 - 180 mg/l * LC50/96h: 161 - 10 mg/l *	EC50/48h: 408 - 560 mg/l * EC50/24h: 500 - 560 mg/l *	
141-78-6	LC50/48h: 125 - 333 mg/l * LC50/48h: 210 - 333 mg/l *	EC50/48h: 65 - 0 mg/l * EC50/48h: 164 - 0 mg/l *	LC50/48h: 3300 - 55 mg/l * LC50/48h: 5600 - 55 mg/l *

Source: IUCLID (For information only)

12.1.2. Chronic (long-term) toxicity

No information

12.2. Persistence and degradability12.2.1. Abiotic degradation, physical- and photo-chemical elimination

No information

12.2.2. Biodegradation

No information

12.3. Bioaccumulative potential12.3.1. Partition coefficient n-octanol/water (log Kow)

No information

12.3.2. Bioconcentration factor (BCF)

No information

12.4. Mobility12.4.1. Known or predicted distribution to environmental compartments

No information

12.4.2. Surface tension

No information

12.4.3. Adsorption/Desorption

No information

12.5. Results of PBT and vPvB assessment

No evaluation.

12.6. Other adverse effects

No information

12.7. Additional information**For product**

Do not allow to enter ground water, water course or sewage system.

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SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

13.1.1. Product / Packaging disposal

Waste chemical

Disposal must be made according to official regulations: to leave it to authorized collector/remover/transformer of hazardous waste. Do not allow product to reach drains/sewage systems.

Packaging

Completely emptied container dispose according to regulations.

13.1.2. Waste treatment-relevant information

-

13.1.3. Sewage disposal-relevant information

-

13.1.4. Other disposal recommendations

-

SECTION 14. TRANSPORT INFORMATION

14.1. UN number

1263

14.2. UN proper shipping name

PAINT RELATED MATERIAL

14.3. Transport hazard class(es)

3

14.4. Packing group

III

14.5. Environmental hazards

NO

14.6. Special precautions for user

Limited quantities

5 L

Tunnel restriction code

D/E

IMDG flashpoint

23 °C, c.c.

IMDG EmS

F-E, S-E

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

-



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SECTION 15. REGULATORY INFORMATION

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

- Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

15.1.1. Information according 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline)

not applicable

15.2. Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16. OTHER INFORMATION

Indication of changes

-

Key literature references and sources for data

-

List of relevant H phrases

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H373 May cause damage to organs through prolonged or repeated exposure.
- EUH066 Repeated exposure may cause skin dryness or cracking.

The information of this SDS is based on the present state of our knowledge and meets the requirements of EU and national laws. The user's working conditions however, are beyond our knowledge and control. The product is not to be used for purposes other than those specified under section 1 without a written permission. It remains the responsibility of the user to ensure that the necessary steps are taken to meet the laws and regulations. Handling of the product may only be done by people above 18 years of age, who are satisfactorily informed of how to do the work, the hazardous properties and necessary safety precautions. The information given in this SDS is to describe the product only in terms of health and safety requirements and should not, therefore, be construed as guaranteeing specific properties.