

Revision date: 20/09/2023

WAX

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

1.1 Product identification Product name: WAX Code number: E100020

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

/

Application of the substance/the mixture: Surface protection. Aerosol coating.

1.3 Details of the supplier of the safety data sheet

Company: MULTITASK INDUSTRIES

KARNEMELKSTRAAT 12 9060 ZELZATE / BELGIUM TEL: +32 (0)9 282 43 61 FAX: +32 (0)9 337 04 96

HOMEPAGE: www.multitaskindustries.be EMAIL: info@multitaskindustries.be

Information department:

Technical information: info@multitaskindustries.be

1.4 Emergency telephone number: Poison control centre (Brussels): +32 (0)70 245 245.

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Aerosol 1

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.



GHS09 environment

Aquatic Chronic 2

H411 Toxic to aquatic life with long lasting effects.



GHS07

STOT SE 3

H336 May cause drowsiness or dizziness.



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2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms:







GHS02

GHS07

GHS09

Signal word: Danger

Hazard-determining components of labelling:

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics (<0.1% benzene) Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Hazard statements:

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements:

P101	If medical	advice	2 1S T	needed,	have product	container	or label at hand.	

P102 Keep out of reach of children.

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

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P260 Do not breathe mist/vapours/spray.
P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P280 Wear protective gloves/eye protection.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122 °F.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking. Buildup of explosive mixtures possible without sufficient ventilation.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable. **vPvB:** Not applicable.



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3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Description: Active substance with propellant.

Dangerous components:				
Name	Product identification	%	Classification according to Regulation (EC) Nr. 1272/2008 [CLP]	
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics (<0.1% benzene)	EC number: 920-750-0 Reg. nr.: 01-2119473851-33	25-<50	Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; STOT SE 3, H336, EUH066	
butane (containing <0.1% butadiene (203-450-8), Note K)	CAS: 106-97-8 EINECS: 203-448-7 Reg. nr.: 01-2119474691-32	10-<25	Flam. Gas 1A, H220; Press. Gas (Comp.), H280	
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	EC number: 919-857-5 Reg. nr.: 01-2119463258-33	10-<25	Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT SE 3, H336, EUH066	
propane	CAS: 74-98-6 EINECS: 200-827-9 Reg. nr.: 01-2119486944-21	10-<25	Flam. Gas 1A, H220; Press. Gas (Comp.), H280	
isobutane (containing <0.1% butadiene (203-450-8), Note K)	CAS: 75-28-5 EINECS: 200-857-2 Reg. nr.: 01-2119485395-27	2,5-<10	Flam. Gas 1A, H220; Press. Gas (Comp.), H280	
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics	EC number: 918-481-9 Reg. nr.: 01-2119457273-39	1-<2,5	Asp. Tox. 1, H304, EUH066	

Additional information: Aerosols and containers fitted with a solid atomizer containing substances or mixtures classified as hazardous by aspiration shall not be labelled for that hazard. The text of the hazard statements mentioned here can be found in chapter 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

First aid measures after inhalation: Supply fresh air, consult doctor in case of complaints. **First aid measures after skin contact:** Generally the product does not irritate the skin.

First aid measures after eye contact: Rinse opened eye for several minutes under running water. **First aid measures after swallowing:** Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further information available.



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5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Water haze. Fire-extinguishing powder. Carbon dioxide. Alcohol resistant foam

For safety reasons unsuitable extinguishing media: Water with full jet.

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

Protective equipment: Mount respiratory protective device.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions

Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/surface or ground water.

6.3 Methods and material for containment and cleaning up

Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents.

6.4 Reference to other sections

See Section 7 for information on safe handing.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Information about fire - and explosion protection: Do not spray onto naked flame or any incandescent material. Keep ignition sources away – Do not smoke. Protect against electrostatic charges. Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

7.2 Conditions for safe storage, including any incompatibilities Storage:

Requirements to be met by storerooms and receptacles: Store in a cool location. Observe official regulations on storing packaging with pressurized containers.

Information about storage in one common storage facility: Observe official regulations on storing packaging with pressurized containers.

Further information about storage conditions: Store in cool, dry conditions in well-sealed receptacles. Protect from heat and direct sunlight.



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7.3 Specific end use(s)

No further relevant information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:				
106-97-8	butane (containing <0.1% butadiene (203-450-8), Note K)			
VL (BE)	Short-term value: 2370 mg/m³, 980 ppm			
74-98-6 p	propane			
VL (BE)	Long-term value: 1000 ppm			
75-28-5 i	sobutane (containing <0.1% butadiene (203-450-8), Note K)			
VL (BE)	Short-term value: 2370 mg/m³, 980 ppm			

DNEL's				
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics (<0.1% benzene)				
Oral	DNEL Long term-systemic	699 mg/kg bw/day (Consumer)		
Dermal	DNEL Long term-systemic	699 mg/kg bw/day (Consumer)		
		773 mg/kg bw/day (Worker)		
Inhalative	DNEL Long term-systemic	608 mg/m³ (Consumer)		
		2035 mg/m³ (Worker)		
Hydrocarbons, C9-C11, n-alka	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics			
Oral	DNEL Long term-systemic	125 mg/kg bw/day (Consumer)		
Dermal	DNEL Long term-systemic	125 mg/kg bw/day (Consumer)		
		208 mg/kg bw/day (Worker)		
Inhalative	DNEL Long term-systemic	185 mg/m³ (Consumer)		
	A 1.	871 mg/m³ (Worker)		

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Appropriate engineering controls: No further date; see section 7.

Individual protection measures, such as personal protective equipment

General protective and hygiene measures: Wash hands before breaks and at the end of work. Do not inhale gases/fumes/aerosols.

Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation.

Filter A2/P2

Hand protection:



Protective gloves

Solvent resistant gloves.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Nitrile rubber



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Recommended thickness of the material: ≥ 0.5 mm

Penetration time of glove material: For continuous contact we recommend gloves with breakthrough time of at least 240 minutes, with the preference given to a breakthrough time greater than 480 minutes. For short-term or splash guard we recommend the same. We are aware that suitable gloves that offer this level of protection may not be available. In that case, a shorter breakthrough time are acceptable as long as the procedures governing maintenance and timely replacement are followed. The thickness of the gloves is not a good measure of the resistance of the gloves against a chemical substance, because this depends on the exact composition of the material from which the gloves are made. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye/face protection: Safety glasses (EN-166)



Tightly sealed goggles

Body protection: Use protective suit (EN-13034/6). Fully skin-covering anti-static, chemical- and oil-resistant clothing and safety shoes are recommended. (EN1149; EN340 & EN ISO 13688; EN13034-6).

Environmental exposure controls: Use an appropriate container to avoid environmental pollution.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state: Aerosol.

Colour: According to product specification.

Odour:Characteristic.Odour threshold:Not determined.Melting point/freezing point:Undetermined.

Boiling point/initial boiling point and boiling range: - 44,5°C **Flammability:**Not applicable. **Lower explosion limit:**0,6 Vol % **Upper explosion limit:**10,9 Vol %

Flash point: -97 °C (68920-06-9 Hydrocarbons, C7-C9)

Ignition temperature: >200°C **Decomposition temperature:** Not determined.

pH: The mixture is non-polar/aprotic.

Kinematic viscosity at 20°C: 24 mm²/s
Kinematic viscosity at 40°C: 24 mm²/s

Dynamic viscosity: Not determined.

Solubility in water:Not miscible or difficult to mix.

Partition coefficient n-octanol/water (log value):

Vapour pressure at 20°C:

Besity at 20°C:

Relative density:

Not determined.

Not determined.

Not determined.

Not determined.



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9.2 Other information

Form: Aerosol

Important information on protection of health and environment, and on safety

Ignition temperature: Product is not self igniting.

Explosive properties: Product is not explosive. However, formation of explosive air/vapour mixtures are

possible.

Organic solvents: 91,3 % Solids content: 0,0 %

Evaporation rate: Not applicable.

Information with regard to physical hazard classes

Explosives: Void.

Flammable gases: Void.

Aerosols: Extremely flammable aerosol. Pressurised container: May burst if heated.

Oxidising gases: Void.
Gases under pressure: Void.
Flammable liquids: Void.
Flammable solids: Void.

Self-reactive substances and mixtures: Void.

Pyrophoric liquids: Void. Pyrophoric solids: Void.

Self-heating substances and mixtures: Void.

Substances and mixtures, which emit flammable gases in contact with water: Void.

Oxidising liquids: Void.
Oxidising solids: Void.
Organic peroxides: Void.
Corrosive to metals: Void.
Desensitised explosives: Void.

10. STABILITY AND REACTIVITY

10.1 Reactivity

No further relevant information available.

10.2 Chemical stability

Thermal decomposition/conditions to be avoided: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

No further relevant information available.

10.5 Incompatible materials

No further relevant information available.

10.6 Hazardous decomposition products

No dangerous decomposition products known.



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11. TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No. 1272/2008

Acute toxicity: Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:			
Hydrocarbon	s, C7-C9, n-	alkanes, isoalkanes, cyclics (<0,1% benzene)	
Oral	LD50	>5000 mg/kg (Rat)	
	LD50	>8 ml/kg (Rat)	
Dermal	LD50	>3100 mg/kg (Rat)	
Inhalative	LC50 (4h)	>23,3 mg/l (Rat)	
Hydrocarbon	ıs, C9-C11, n	-alkanes, isoalkanes, cyclics, <2% aromatics	
Oral	LD50	>5000 mg/kg (Rat) (Acute oral toxicity)	
Dermal	LD50	3160 mg/kg (Rabbit) (Acute dermal toxicity)	
Inhalative	LC50 (4h)	>4951 mg/l (Rat)	
	LC50 (4h)	4951 mg/m³ (Rat)	
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics			
Oral	LD50	>5000 mg/kg (Rat)	
Dermal	LD50	>2000 mg/kg (Rabbit)	
Inhalative	LC50 (4h)	4951 mg/l (Rat)	

Skin corrosion/irritation: Based on available data, the classification criteria are not met. **Serious eye damage/irritation:** Based on available data, the classification criteria are not met. **Respiratory or skin sensitisation:** Based on available data, the classification criteria are not met.

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: May cause drowsiness or dizziness.

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.

11.2 Information on other hazards

Endocrine disrupting properties: None of the ingredients is listed.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Aquatic toxicity:	220		
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics (<0,1% benzene)			
NOELR (72u)	10 mg/l (Pseudokirchneriella subcapitata)		
EL50 (48u)	3 mg/l (Daphnia magna)		
EL50 (72u)	10-30 mg/l (Pseudokirchneriella subcapitata)		
LL50 (96u)	>13,4 mg/l (Oncorhynchus mykiss)		
NOEC (21 d)	0,17 mg/l (Daphnia magna)		
LOEC (21 d)	0,32 mg/l (Daphnia magna)		



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Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics			
EL0 (48u)	1000 mg/l (Daphnia magna)		
NOELR (72u)	100 mg/l (Pseudokirchneriella subcapitata)		
EL50 (72u)	>1000 mg/l (Pseudokirchneriella subcapitata)		
LL50 (96u)	>1000 mg/l (Onc)		
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics			
EL0 (48u)	1000 mg/l (Daphnia magna)		
EL0 (72u)	1000 mg/l (Pseudokirchneriella subcapitata)		
LL0 (96u)	1000 mg/l (Oncorhynchus mykiss)		

12.2 Persistence and degradability

Not easily biodegradable.

12.3 Bioaccumulative potential

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable. **vPvB:** Not applicable.

12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects

Additional ecological information:

General notes: Water hazard class 2 (D) (Self-assessment): Hazardous for water.

Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Recommendation: Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue		
08 01 11*	Waste paint and varnish containing organic solvents or other hazardous substances.	
HP3	Flammable	
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity	
HP14	Ecotoxic	

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.



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14. TRANSPORT INFORMATION

14.1 UN number or ID number

ADR: UN1950 **ADN:** UN1950 **IMDG:** UN1950 **IATA:** UN1950

14.2 UN proper shipping name

ADR: UN1950 AEROSOLS, ENVIRONMENTALLY HAZARDOUS **ADN:** UN1950 AEROSOLS, ENVIRONMENTALLY HAZARDOUS

IMDG: AEROSOLS

IATA: AEROSOLS, flammable

14.3 Transport hazard class(es)

ADR:

Class: 2 5F Gases Label: 2.1





ADN:

ADN/R Class: 2 5F

IMDG:

Class: 2.1 Gases Label: 2.1



IATA:

Class: 2.1 Gases

Label: 2.1



14.4 Packing group

ADR: Void. IMDG: Void. IATA: Void.



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14.5 Environmental hazards

Product contains environmentally hazardous substances: Hydrocarbons, C7-C9

Marine pollutant: Yes.

Special marking (ADR): Symbol (fish and tree).

14.6 Special precautions for user

Warning: Gases.

Hazard identification number (Kemler code): -

EMS Number: F-D, S-U

Stowage Code: SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS:

Category C, Clear of living quarters.

Segregation Code: SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

Transport additional information:

ADR

Limited quantities (LQ): 1L

Excepted quantities (EQ): Code E0

Not permited as excepted quantity.

Tunnel restriction code: D

IMDG

Limited quantities (LQ): 1L

Excepted quantities (EQ): Code: E0

Not permitted as Excepted quantity.

UN "Model Regulation": UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS

15. REGULATORY INFORMATION

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

Directive 2012/18/EU

Named dangerous substances - ANNEX I: None of the ingredients is listed.

Seveso category: P3a FLAMMABLE AEROSOLS

E2 Hazardous to the aquatic environment.

Qualifying quantity (tonnes) for the application of lower-tier requirements: 150 t Qualifying quantity (tonnes) for the application of upper-tier requirements: 500 t REGULATION (EC) No 1907/2006 ANNEX XVII: Conditions of restriction: 3

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II: None of the ingredients is listed.



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REGULATION (EU) 2019/1148

Annex I - ESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3)): None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS: None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors: None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors: None of the ingredients is listed.

National regulations:

Breakdown regulations:

Class	Share in %
NK	75-<100

VOC-CH: 91,28 % **VOC-EU:** 629,8 g/l **Danish MAL Code:** 5-3

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out.

16. OTHER INFORMATION

Relevant phrases:

H220	Extremely	flammable	ase
Π22U	Extremely	Hallilliable	gas.

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

H304 May be fatal if swallowed and enters airways.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.

Classification according to Regulation (EC) No 1272/2008:

Physical and chemical properties: The classification is based on the results of the mixtures tested. Health hazards, Environmental hazards: The method of classification of mixtures based on the constituents of the mixture (sum formula).

Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail).

ICAO: International Civil Aviation Organisation.

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road).

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

GHS: Globally Harmonised System of Classification and Labelling of Chemicals.

EINECS: European Inventory of Existing Commercial Chemical Substances.

ELINCS: European List of Notified Chemical Substances.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

MAL-Code: Måleteknisk Arbejdshygiejnisk Luftbehov (Regulation for the labelling concerning inhalation hazards, Denmark).



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DNEL: Derived No-Effect Level (REACH).

LC50: Lethal concentration, 50 percent.

LD50: Lethal dose, 50 percent.

PBT: Persistent, Bioaccumulative and Toxic. vPvB: Very Persistent and very Bioaccumulative. Flam. Gas 1A: Flammable gases – Category 1A.

Aerosol 1: Aerosols – Category 1.

Press. Gas (Comp.): Gases under pressure – Compressed gas.

Flam. Liq. 2: Flammable liquids – Category 2. Flam. Liq. 3: Flammable liquids – Category 3.

STOT SE 3: Specific target organ toxicity – Category 3.

Asp. Tox. 1: Aspiration hazard – Category 1.

Aquatic Chronic 2: Hazardous to the aquatic environment – long-term aquatic hazard – Category 2.

DISCLAIMER. The information obtained in this Safety Data Sheet from sources, which we believe, is reliable. The conditions or methods of handling, storage or disposal of the product are beyond our control and control and may be beyond our knowledge. For this and other reasons, we do not accept any liability for loss, damage or expense, which explicitly rejected in any way, can result from handling, storage, use or disposal of the product. This Safety Data Sheet was prepared and is to be used only for this product. If the product is used as a component in another product, it is possible that the Safety Data Sheet information is not applicable.

