1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name	:	**B 2451**
Other means of Identification	:	Liquid Calcium Zinc Compound

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

Use of the Substance/Mixture	:	Manufacture of plastics products Polymer additive Stabilizer
Restrictions on Use	:	None known

1.3 Details of the supplier of the safety data sheet

Company	:	Baerlocher Production USA LLC 5890 Highland Ridge Drive Cincinnati, OH 45232
Telephone	:	Day 330-602-1528, 330-602-1531 or -1530
	:	Night 513-207-1620 or 513-604-2327
E-mail address	:	Hotline.PS@baerlocher.com
Responsible/issuing person	:	Product Safety Department

1.4 Emergency telephone number (0 - 24 h)

Tel.: 800-424-9300 USA or 703-527-3887

2. Hazards identification

2.1 Classification of the substance or mixture

Serious eye damage, Category 1	H318: Causes serious eye damage.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Carcinogenicity, Category 2	H351: Suspected of causing cancer.
Reproductive toxicity, Category 2	H361d: Suspected of damaging the unborn child.
Chronic aquatic toxicity, Category 3	H412: Harmful to aquatic life with long lasting effects.

2.2 Label elements

Hazard pictograms :

Signal word : Danger

Hazard statements	:	H317	May cause an allergic skin reaction.
		H318	Causes serious eye damage.
		H351	Suspected of causing cancer.
		H361d	Suspected of damaging the unborn child.
		H412	Harmful to aquatic life with long lasting effects.
Precautionary statements	:	**Prevention:**	
		P201	Obtain special instructions before use.
		P280	Wear eye protection/ face protection.
		P280	Wear protective gloves.
		P281	Use personal protective equipment as required.
		Response:	
		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/ physician.

2.3 Other hazards

The product is combustible.
May produce an allergic reaction.

3. Composition/information on ingredients

3.2 Mixtures

Chemical nature : Preparation containing zinc carboxylate in organic solvent.

Hazardous components

Chemical Name	CAS-No.	Concentration [%]
Triisotridecyl phosphite	68610-62-8	>= 20*
Stoddard solvent	8052-41-3	< 10*
Zinc compounds	Trade Secrets*	< 20*
Calcium compounds	Trade Secret*	< 10*

*Trade Secret – The specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

4. First aid measures

4.1 Description of first aid measures

General advice : Remove and wash contaminated clothing before re-use.

If inhaled : Move to fresh air.

In case of skin contact	:	Wash off with soap and plenty of water. Take off contaminated clothing and shoes immediately.
In case of eye contact	:	Rinse with plenty of water.
If swallowed	:	Consult a doctor and show this safety datasheet.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms	:	No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment	:	Treat symptomatically.

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	:	Water spray Foam Carbon dioxide (CO2) Dry chemical Sand
Unsuitable extinguishing media	:	High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting	:	Smoke and fumes, toxic.

5.3 Advice for firefighters

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

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	:	Remove all sources of ignition. Ensure adequate ventilation. Avoid contact with skin and eyes. Use personal protective equipment.

6.2 Environmental precautions

Environmental precautions	:	Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up	:	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For personal protection see section 8.

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling	:	Take precautionary measures against static discharges. Keep away from sources of ignition - No smoking. Provide sufficient air exchange and/or exhaust in work rooms.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	:	Store at room temperature in the original container. Keep container tightly closed in a dry and well-ventilated place.
Further information on storage conditions	:	Handle in accordance with good industrial hygiene and safety practice.
German storage class	:	10 Combustible liquids

7.3 Specific end use(s)

	:	Consult the technical guidelines for the use of this substance/mixture.

8. Exposure controls/personal protection

8.1 Control parameters

Substance	CAS No.	Regulatory Limits			Recommended Limits	
		OSHA PEL		Cal/OSHA PEL	NIOSH REL	ACGIH TLV
		ppm	mg/m³	8-hour TWA (ST) STEL (C) Ceiling	Up to 10-hour TWA (ST) STEL (C) Ceiling	8-hour TWA (ST) STEL (C) Ceiling
Stoddard solvent	8052-41-3	500	2900	100 ppm	350 mg/m³ (C) 1800 mg/m³ [15-min]	100 ppm
Particulates Not Otherwise Regulated (PNOR)						
Inhalable						10 mg/m³
Respirable fraction			5	5 mg/m³		3 mg/m³

8.2 Exposure controls

Engineering measures

Local exhaust

Personal protective equipment

Respiratory protection : In case of insufficient ventilation:
Protective mask against solvent vapours (A2 Filter)

Hand protection : protective gloves acc. to EN 374, e.g. neoprene, thickness: min. 0,7 mm

Eye protection : Safety glasses

Skin and body protection : Long sleeved clothing
Rubber apron

Hygiene measures : When using do not eat or drink.
Do not smoke.
Wash hands before breaks and at the end of workday.
Shower or bathe at the end of working.

Keep working clothes separately.

Protective measures : antistatic shoes

Environmental exposure controls

General advice : Do not flush into surface water or sanitary sewer system.
Avoid subsoil penetration.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	:	liquid
Color	:	yellowish
Odor	:	characteristic
pH	:	no data available
Boiling point/boiling range	:	158 - 197 °C, Value refers to the solvent.
Flash point	:	> 100 °C
Lower explosion limit	:	ca. 1,0 %(V), Value refers to the solvent.
Upper explosion limit	:	ca. 13,3 %(V), Value refers to the solvent.
Vapor pressure	:	< 3 hPa, 20 °C, Value refers to the solvent.
Density	:	0,8 - 1,0 g/cm3
Water solubility	:	slightly soluble
Partition coefficient: n-octanol/water	:	no data available
Auto-ignition temperature	:	ca. 229 °C, Value refers to the solvent.
Ignition temperature	:	no data available
Viscosity, dynamic	:	no data available
Viscosity, kinematic	:	no data available
Odor Threshold	:	No data available
Melting/Freezing Point	:	No data available
Evaporation Rate	:	No data available
Flammability	:	No data available
Vapor Density	:	No data available
Decomposition Temperature	:	No data available

9.2 Other information

No data available

10. Stability and reactivity

10.1 Reactivity

Stable at normal ambient temperature and pressure.

10.2 Chemical stability

No decomposition if stored normally.

10.3 Possibility of hazardous reactions

Hazardous reactions : Vapours may form explosive mixture with air.

10.4 Conditions to avoid

Conditions to avoid : Sources of ignition

10.5 Incompatible materials

Materials to avoid : Strong oxidizing agents

10.6 Hazardous decomposition products

Hazardous decomposition products : No decomposition if used as directed.

11. Toxicological information

11.1 Information on toxicological effects

Product

Acute oral toxicity : Acute toxicity estimate: > 2.000 mg/kg, Calculation method

Acute inhalation toxicity : Acute toxicity estimate: > 5 mg/l, 4 h, dust/mist, Calculation method

Acute dermal toxicity : Acute toxicity estimate: > 2.000 mg/kg, Calculation method

Components:

Triisotridecyl phosphite :

Acute oral toxicity : LD50: > 2.000 mg/kg, rat, OECD Test Guideline 425, GLP: yes, Based on available data, the classification criteria are not met.

Acute inhalation toxicity : Read-across (Analogy)

: LC50: > 12,6 mg/l, 1 h, rat, dust/mist, OECD Test Guideline 403, GLP: yes, Based on available data, the classification criteria are not met.

Acute dermal toxicity : Read-across (Analogy)

	:	LD50: > 5.000 mg/kg, rabbit, OECD Test Guideline 402, GLP: yes, Based on available data, the classification criteria are not met.
Skin corrosion/irritation	:	rabbit, Result: not irritating, OECD Test Guideline 404, 4 h, GLP: yes, Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation	:	rabbit, Result: not irritating, OECD Test Guideline 405, GLP: yes, Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation	:	Skin sensitisation
	:	LLNA, mouse, Result: slight sensibilisation, OECD Test Guideline 429, GLP: yes
	:	Respiratory sensitisation, Based on available data, the classification criteria are not met.
Germ cell mutagenicity		
Genotoxicity in vitro	:	Mutagenicity (Salmonella typhimurium - reverse mutation assay), Bacteria, Result: negative, OECD Test Guideline 471, GLP: yes
	:	Read-across (Analogy)
	:	DNA repair-suspension assay, Bacteria, Result: negative, No information available., GLP: yes, Based on available data, the classification criteria are not met.
Genotoxicity in vivo	:	In vivo micronucleus test, mouse, Oral, 2d, OECD Test Guideline 474, GLP: yes, Result: negative, Based on available data, the classification criteria are not met.
Carcinogenicity	:	Based on available data, the classification criteria are not met.
Reproductive toxicity	:	Read-across (Analogy)
	:	Screening for reproductive/developmental toxicity, rat, Oral, Test period: 8 weeks, NOAEL: 1.000 mg/kg, OECD Test Guideline 422, GLP: yes, Based on available data, the classification criteria are not met.
Teratogenicity	:	Read-across (Analogy)
	:	rat, Test period: 8 weeks, Oral, NOAEL: 1.000 mg/kg, standardised international/national methodology, GLP: yes, Based on available data, the classification criteria are not met.
STOT - single exposure	:	Remarks: Based on available data, the classification criteria are not met.
STOT - repeated exposure	:	Read-across (Analogy)
STOT - repeated exposure	:	rat, Oral, NOAEL: 1.000 mg/kg, OECD Test Guideline 422, GLP: yes, Based on available data, the classification criteria are not met.

Aspiration toxicity	:	Based on available data, the classification criteria are not met.
Further information	:	CMR effects, Carcinogenicity, Mutagenicity, Reproductive toxicity, Hazard assessment, Category 1A, Category 1B, Based on available data, the classification criteria are not met.
	:	Likely route of exposure, Inhalation, Ingestion, Skin contact

Zinc Compounds :

Acute oral toxicity	:	Read-across (Analogy)
	:	LD50: > 5.000 mg/kg, rat, OECD Test Guideline 401
	:	Read-across (Analogy)
	:	LD50: 2.565 mg/kg, rat, OECD Test Guideline 423, Based on available data, the classification criteria are not met.
Acute inhalation toxicity	:	Read-across (Analogy)
	:	LC50: > 200 mg/l, 1 h, rat, dust/mist
	:	Read-across (Analogy)
	:	LC50: > 50 mg/l, 4 h, rat, dust/mist, Based on available data, the classification criteria are not met.
Acute dermal toxicity	:	Read-across (Analogy)
	:	LD50: > 2000 mg/kg bw, rabbit, Based on available data, the classification criteria are not met.
Skin corrosion/irritation	:	Read-across (Analogy)
	:	rabbit, Result: not irritating, OECD Test Guideline 404, Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation	:	Rabbit, Result: Causes serious eye damage., OECD Test Guideline 405, GLP: yes
Respiratory or skin sensitisation	:	Skin sensitisation, Read-across (Analogy)
	:	Patch test on human volunteers did not demonstrate sensitisation properties., Based on available data, the classification criteria are not met.
	:	Respiratory sensitisation
	:	Not classified due to lack of data.
Germ cell mutagenicity		
Genotoxicity in vitro	:	Read-across (Analogy)
	:	Result: negative, standardised international/national methodology, Based on available data, the classification criteria are not met.
Genotoxicity in vivo	:	Read-across (Analogy)

	:	standardised international/national methodology, Result: negative, Based on available data, the classification criteria are not met.
Carcinogenicity	:	Read-across (Analogy)
	:	Based on available data, the classification criteria are not met.
Reproductive toxicity	:	Read-across (Analogy)
	:	Based on available data, the classification criteria are not met.
Teratogenicity	:	Read-across (Analogy)
	:	Based on available data, the classification criteria are not met.
STOT - single exposure	:	Remarks: Read-across (Analogy)
	:	Remarks: Based on available data, the classification criteria are not met.
STOT - repeated exposure	:	Read-across (Analogy)
STOT - repeated exposure	:	Based on available data, the classification criteria are not met.
Aspiration toxicity	:	Not classified due to lack of data.
Further information	:	CMR effects, Carcinogenicity, Mutagenicity, Reproductive toxicity, Hazard assessment, Category 1A, Category 1B, Based on available data, the classification criteria are not met.
	:	Likely route of exposure, Inhalation, Ingestion, Skin contact

Zinc Compounds :

Acute oral toxicity	:	LD50: > 2.000 mg/kg, rat, standardised international/national methodology, Based on available data, the classification criteria are not met.
Acute inhalation toxicity	:	Not classified due to lack of data.
Acute dermal toxicity	:	Read-across (Analogy)
	:	LD50: > 2.000 mg/kg, rat, OECD Test Guideline 402, Based on available data, the classification criteria are not met.
Skin corrosion/irritation	:	Read-across (Analogy)
	:	rabbit, Result: slight irritation, OECD Test Guideline 404, GLP: yes, Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation	:	Read-across (Analogy)
	:	rabbit, Result: irritating, OECD Test Guideline 405, GLP: yes
Respiratory or skin sensitisation	:	Skin sensitisation

	:	Read-across (Analogy), Based on available data, the classification criteria are not met.
	:	Respiratory sensitisation
	:	Based on available data, the classification criteria are not met.
Germ cell mutagenicity		
Genotoxicity in vitro	:	Read-across (Analogy)
	:	Based on available data, the classification criteria are not met.
Carcinogenicity	:	Read-across (Analogy)
	:	Based on available data, the classification criteria are not met.
Reproductive toxicity	:	Read-across (Analogy)
	:	Suspected of damaging the unborn child.
STOT - single exposure	:	Remarks: Based on available data, the classification criteria are not met.
STOT - repeated exposure	:	Read-across (Analogy), Based on available data, the classification criteria are not met.
Aspiration toxicity	:	Based on available data, the classification criteria are not met.
Further information	:	CMR effects, Carcinogenicity, Mutagenicity, Reproductive toxicity, Hazard assessment, Category 1A, Category 1B, Based on available data, the classification criteria are not met.
	:	Likely route of exposure, Inhalation, Ingestion, Skin contact

Calcium compounds :

Acute oral toxicity	:	LD50: > 5.000 mg/kg, rat, standardised international/national methodology, Based on available data, the classification criteria are not met.
Acute inhalation toxicity	:	LC50: > 4,8 mg/l, 1 h, rat, dust/mist, Based on available data, the classification criteria are not met.
Acute dermal toxicity	:	LD50: > 5.000 mg/kg, rabbit, standardised international/national methodology, Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation	:	Skin sensitisation, Read-across (Analogy)
	:	Maximisation Test, guinea pig, Result: not sensitising, OECD Test Guideline 406, GLP: yes, Based on available data, the classification criteria are not met.
	:	Respiratory sensitisation, Not classified due to lack of data.
Germ cell mutagenicity		
Genotoxicity in vitro	:	Ames test, Bacteria, Result: negative, standardised international/national methodology, GLP: no, Based on

		available data, the classification criteria are not met.
Carcinogenicity	:	Not classified due to lack of data.
Reproductive toxicity	:	Read-across (Analogy)
	:	Reproduction Test, rat, Oral, GLP: no
Teratogenicity	:	Read-across (Analogy)
	:	rat, Oral, standardised international/national methodology, GLP: yes
	:	Read-across (Analogy)
	:	rabbit, Oral, standardised international/national methodology, GLP: yes
STOT - single exposure	:	Remarks: Not classified due to lack of data.
	:	Remarks: Not classified due to lack of data.
Aspiration toxicity	:	Not classified due to lack of data.
Further information	:	CMR effects, Carcinogenicity, Mutagenicity, Reproductive toxicity, Hazard assessment, Category 1A, Category 1B, Based on available data, the classification criteria are not met.
	:	Likely route of exposure, Inhalation, Ingestion, Skin contact

11.2 Carcinogenicity

Contains no known or suspected carcinogens listed by IARC, NTP or OSHA at or above reportable quantities.

12. Ecological information

12.1 Toxicity

Components:

Triisotridecyl phosphite :

Toxicity to fish	:	study technically not feasible
Toxicity to daphnia and other aquatic invertebrates	:	study technically not feasible
Toxicity to algae	:	study technically not feasible
Toxicity to bacteria	:	study technically not feasible

Ecotoxicology Assessment

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

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

Zinc Compounds :

Toxicity to fish	:	LC50: 10 - 100 mg/l, 96 h, Danio rerio (zebra fish), OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	:	EC50: 1 - 10 mg/l, 48 h, Daphnia magna (Water flea), OECD Test Guideline 202
Toxicity to algae	:	EC50: 1 - 10 mg/l, 72 h, Desmodesmus subspicatus (green algae), OECD Test Guideline 201
	:	NOEC: < 1,0 mg/l, 72 h, Desmodesmus subspicatus (green algae), OECD Test Guideline 201

Ecotoxicology Assessment

Acute aquatic toxicity	:	Very toxic to aquatic life.
Chronic aquatic toxicity	:	Toxic to aquatic life with long lasting effects.

Zinc Compounds :

Toxicity to fish	:	Read-across (Analogy)
	:	LC50: 100 mg/l, 96 h, Cyprinus carpio (Carp), OECD Test Guideline 203, GLP: yes
Toxicity to daphnia and other aquatic invertebrates	:	Read-across (Analogy)
	:	EC50: 5 mg/l, 48 h, Daphnia magna (Water flea), static test, OECD Test Guideline 202, GLP: yes
Toxicity to algae	:	Read-across (Analogy)
	:	EC50: 2,72 mg/l, 72 h, Pseudokirchneriella subcapitata (green algae), static test, OECD Test Guideline 201, GLP: yes
Toxicity to bacteria	:	IC50: > 100 mg/l, 3 h, activated sludge, static test, OECD Test Guideline 209
Toxicity to fish (Chronic toxicity)	:	Read-across (Analogy) NOEC: 0,044 - 0,530 mg Zn/L, Fresh water
		Read-across (Analogy) NOEC: 0,025 mg Zn/L, Marine water
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	Read-across (Analogy)

NOEC: 0,037 - 0,400 mg Zn/L, Fresh water

Read-across (Analogy)
NOEC: 0,0056 - 0,9 mg Zn/L, Marine water

Ecotoxicology Assessment

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

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

Calcium compounds :

Ecotoxicology Assessment

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

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

12.2 Persistence and degradability

Components:

Triisotridecyl phosphite :

Biodegradability : aerobic, 63 %, Result: Inherently biodegradable., Exposure time: 42 d, activated sludge, OECD Test Guideline 301D, GLP: yes

Zinc Compounds :

Biodegradability :

Read-across (Analogy)

:

Readily biodegradable.

Zinc Compounds :

Biodegradability :

Read-across (Analogy)

: aerobic, 70 %, Result: Readily biodegradable., Exposure time: 28 d, activated sludge, OECD Test Guideline 301D, GLP: yes

Calcium compounds :

Biodegradability :

The methods for determining biodegradability are not applicable to inorganic substances.

:

The organic components of the product are biodegradable.

12.3 Bioaccumulative potential

Components:
Triisotridecyl phosphite :
Bioaccumulation :

not applicable

Zinc Compounds :
Bioaccumulation : not applicable

Zinc Compounds :
Bioaccumulation : Read-across (Analogy), This substance is not considered to be bioaccumulating.

Calcium compounds :
Bioaccumulation : no data available

Components:
Triisotridecyl phosphite :
Mobility : QSAR, Predicted distribution to environmental compartments, Soil

Zinc Compounds :
Mobility : According to experience not expected

Zinc Compounds :
Mobility : not applicable

Calcium compounds :
Mobility : Predicted distribution to environmental compartments, Soil, Water

12.5 Results of PBT and vPvB assessment

Components:
Triisotridecyl phosphite :
Assessment : Based on available data, the classification criteria are not met.

Zinc Compounds :
Assessment : Based on available data, the classification criteria are not met.

Zinc Compounds :
Assessment : Based on available data, the classification criteria are not met.

Calcium compounds :
Assessment : Based on available data, the classification criteria are not met.

12.6 Other adverse effects

Triisotridecyl phosphite :
Further information : No information available.

Zinc Compounds :
Further information : No information available.

Zinc Compounds :
Further information : No information available.

Calcium compounds :
Further information : No information available.

13. Disposal considerations

13.1 Waste treatment methods

Product/packaging : Dispose of contents/container in accordance with local/regional/national/international/regulations.

14. Transport information

14.1 UN number

DOT
Not dangerous goods
IMDG
Not dangerous goods
IATA
Not dangerous goods

14.2 Proper shipping name

DOT
Not dangerous goods
IMDG
Not dangerous goods
IATA
Not dangerous goods

14.3 Transport hazard class

DOT
Not dangerous goods
IMDG
Not dangerous goods
IATA
Not dangerous goods

14.4 Packing group

DOT
Not dangerous goods
IMDG
Not dangerous goods
IATA
Not dangerous goods

14.5 Environmental hazards

DOT
Not dangerous goods
IMDG
Not dangerous goods
IATA
Not dangerous goods

14.6 Special precautions for user

See this safety data sheet chapter 6. - 8.

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

Remarks : No transport according to Annex II of MARPOL 73/78 and the IBC Code

15. Regulatory information

Section 313 Supplier Notification (USA)

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

Component	CAS/313 Category Code	Wt (%)
Zinc compounds	N982	14.8
Glycol ethers	N230	4.2

National Legislation:

Registration Status:

EINECS	:	listed
TSCA	:	listed
DSL	:	listed
AICS	:	listed
ECL	:	listed
CHINA	:	listed

16. Other information

Date of Preparation or last change: 10.03.2017

HMIS Rating (USA)

Health	:	2
Flammability	:	1
Reactivity	:	1
Personal Protection	:	G
WHMIS Class, Subdiv.	:	D2,b

Full text of H-Statements

H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H336	May cause drowsiness or dizziness.
H341	Suspected of causing genetic defects.
H351	Suspected of causing cancer.
H361d	Suspected of damaging the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

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.