

Safety Data Sheet

according to UN-GHS (ST/SG/AC.10/11/Rev.6)

PlastiRoute® RP-2C S R62 Venetian Red

Revision date: 09.11.2017

Product code: UN-GHS_30711AU

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

PlastiRoute® RP-2C S R62 Venetian Red

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

Cold plastic mass based on acrylic monomers with peroxide accelerator.

Uses advised against

No hazardous reaction when handled and stored according to provisions.

1.3. Details of the supplier of the safety data sheet**Manufacturer**

Company name:	Geveko Markings Germany GmbH	
Street:	Renkenrunsstrasse 16	
Place:	D-79379 Muellheim/Baden	
Post-office box:	1348	
	D-79373 Muellheim/Baden	
Telephone:	+49 7631 3687-0	Telefax: +49 7631 3687-36
e-mail:	info@gevekomarkings.de	
Contact person:	Product Management	Telephone: -13 / -14 / -21 / -35
e-mail:	msds@gevekomarkings.com	
Internet:	www.geveko-markings.com	
Responsible Department:	Product Management	

Supplier

Company name:	Geveko Markings Australia	
Place:	Broadmeadow, 2292, NSW, Australia	
Post-office box:	175	
	Broadmeadow, NSW, Australia	
Telephone:	+61 2 4944 2006	
Contact person:	Jaco Janse van Rensburg	Telephone: +61 4 7586 3636
e-mail:	jvanrensburg@gevekomarkings.com	
Internet:	http://www.geveko-markings.com	

1.4. Emergency telephone number:

Phone: 000 / mobile: 112 / poison emergency call: 1131126 (24 hrs.)

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****UN-GHS (ST/SG/AC.10/11/Rev.6)**

Hazard categories:

Flammable liquid: Flam. Liq. 3

Skin corrosion/irritation: Skin Irrit. 2

Respiratory or skin sensitisation: Skin Sens. 1

Hazardous to the aquatic environment: Aquatic Acute 3

Hazard Statements:

Flammable liquid and vapour.

Causes skin irritation.

May cause an allergic skin reaction.

Harmful to aquatic life.

2.2. Label elements**UN-GHS (ST/SG/AC.10/11/Rev.6)**

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Hazard components for labelling

n-butyl acrylate
methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate; methyl methacrylate

Signal word: Warning**Pictograms:****Hazard statements**

H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H402 Harmful to aquatic life.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 Avoid breathing dust / fume / gas / mist / vapours / spray.
P280 Wear protective gloves / protective clothing / eye protection / face protection.
P333+P313 If skin irritation or rash occurs: Get medical advice / attention.
P370+P378 In case of fire: Use sand, extinguishing powder or alcohol resistant foam.
P403+P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents / container in accordance with local / regional / national / international regulations.

Additional advice on labelling

The product is classified and labelled as hazardous according to UN-GHS or corresponding national laws.

2.3. Other hazards

Vapours may cause drowsiness and dizziness. Process vapours can irritate airways, skin and eyes. People who suffer from skins problems, asthma, allergies, chronic or recurring respiratory illnesses must not be deployed in processes, which use this substance.

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization**

Mixture of acrylic acid esters with acrylic polymers, additives, and mineral fillers.

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Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation UN-GHS (ST/SG/AC.10/11/Rev.6)			
141-32-2	n-butyl acrylate			5 - < 10 %
	205-480-7	607-062-00-3	01-2119453155-43	
	Flam. Liq. 3, Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, STOT SE 3; H226 H315 H319 H317 H335			
80-62-6	methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate; methyl methacrylate			5 - < 10 %
	201-297-1	607-035-00-6	01-2119452498-28	
	Flam. Liq. 2, Skin Irrit. 2, Skin Sens. 1, STOT SE 3; H225 H315 H317 H335			
103-11-7	2-ethylhexyl acrylate			< 1 %
	203-080-7	607-107-00-7	01-2119453158-37	
	Skin Irrit. 2, Skin Sens. 1, STOT SE 3; H315 H317 H335			

Full text of H and AUH statements: see section 16.

Further Information

Classification according to UN-GHS.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

No administration in cases of unconsciousness or cramps.

If victim is at risk of losing consciousness, position and transport on their side.

After inhalation

Provide fresh air.

In case of accident by inhalation: remove casualty to fresh air and keep at rest.

After contact with skin

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap.

Clean with detergents. Avoid solvent cleaners.

After cleaning apply high-fat content skin care cream.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After ingestion

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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

May cause an allergic skin reaction.

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

In all cases of doubt, or when symptoms persist, seek medical advice.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Use sand, extinguishing powder or alcohol resistant foam.

Unsuitable extinguishing media

High power water jet.

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5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to the escape of irritating gases and vapours. In case of inhalation of decomposition products, affected person should be moved into fresh air and kept still.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Co-ordinate fire-fighting measures to the fire surroundings.

Due to gaseous decomposition products, overpressure can occur in tightly sealed containers.

Containers exposed to fire should be cooled with water.

Contaminated fire-fighting water must be collected separately.

Prevent penetration into soil, drains and surface waters.

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

Ventilate affected area. Do not breathe vapour.

For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes). Frequently or prolonged contact with skin may cause dermal irritation.

6.2. Environmental precautions

Do not allow to enter in surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Take up mechanically, placing in appropriate containers for disposal.

Soak up inert absorbent and dispose as waste requiring special attention.

Clear contaminated areas thoroughly.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

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

Avoid contact with skin and eyes.

Avoid exposure - obtain special instructions before use.

Observe technical data sheet.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.

Further information on handling

Wear suitable protective clothing, gloves and eye / face protection.

Wash hands before breaks and after work.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep / store only in original container.

Only use containers specifically approved for the substance / product.

Suitable material for container: Metal.

Keep container tightly closed.

The floor should be leak tight, joint-less and not absorbent.

Keep away from sources of ignition - No smoking.

Store in a place accessible by authorized persons only.

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Advice on storage compatibility

Storage class (D): 3 (www.vci.de, TRGS 510)

Do not store together with:

Storage class (D): 1, 2A, 4.1A, 4.1B, 4.2, 4.3, 5.1A, (5.1B), 5.1C, 5.2, 6.1B, (6.1D), 6.2, 7, (11), (10-13)

Figures in (): The common storage is only allowed limited.

Further remarks:

Storage class 1 : Explosive substances.

Storage class 2A : Gases.

Storage class 2B : Aerosols.

Storage class 3 : Flammable liquids.

Storage class 4.1A :Other explosive substances.

Storage class 4.1B : Flammable solids or desensitized substances.

Storage class 4.2 : Self-igniting substances.

Storage class 4.3 : Substances which, when in contact with water, form flammable gases.

Storage class 5.1A : Strongly oxidizing substances.

Storage class 5.1B : Oxidizing substances.

Storage class 5.1C : Ammonium nitrate and ammonium nitrate materials.

Storage class 5.2 : Organic peroxides and self-reactive substances.

Storage class 6.1A : Combustible acute toxic substances.

Storage class 6.1B : Non-combustible acute toxic substances.

Storage class 6.1C : Combustible toxic substances or substances with chronic effects.

Storage class 6.1D : Non-combustible toxic substances or substances with chronic effects.

Storage class 6.2 : Infectious substances.

Storage class 7 : Radioactive materials.

Storage class 8A : Combustible corrosive substances.

Storage class 8B : Non-combustible corrosive substances.

Storage class 10 : Combustible liquids, if not storage class 3.

Storage class 11 : Combustible solids.

Storage class 12 : Non-combustible liquids.

Storage class 13 : Non-combustible solids.

Storage class 10-13: Other combustible and non-combustible substances.

Further information on storage conditions

Storage temperature: +5 °C up to +35 °C.

Keep only in the original container in a cool, well-ventilated place.

7.3. Specific end use(s)

Only to be used for road marking

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
80-62-6	Methyl methacrylate	50	208		TWA (8 h)	WEL
		100	416		STEL (15 min)	WEL
141-32-2	n-Butylacrylate	1	5		TWA (8 h)	WEL
		5	26		STEL (15 min)	WEL

8.2. Exposure controls

Appropriate engineering controls

Use only in well-ventilated areas.

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Protective and hygiene measures

- Do not eat, drink, smoke or sneeze at the workplace.
- Before starting work, apply solvent-resistant skincare preparations.
- Wash hands before breaks and after work.
- After cleaning apply high-fat content skin care cream.
- Avoid contact with skin, eyes and clothes.
- Used working clothes should not be worn outside the work area.
- Wash contaminated clothing prior to re-use.

Eye/face protection

Wear eye / face protection.

Hand protection

- The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.
- Recommended protective gloves brand: e.g. WÜRTH, Article No.: 0899 435.
- Thickness of glove material: 0,65 - 0,70 mm.
- Suitable gloves type: NR (natural rubber, natural latex) / neoprene outer layer.
- Penetration time (maximum wearing period): > 30 min, Class: >= 2.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.
Prolonged / repetitive skin contact may cause skin de-fattening or dermatitis. After cleaning apply high-fat content skin care cream. e.g. STOKO® soft+care.

Skin protection

Wear suitable protective clothing, gloves and eye / face protection.

Respiratory protection

- If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.
- Suitable respiratory protection apparatus:
- Half-face mask or quarter facepiece: maximum use concentration for substances with exposure limits: P1 filter: up to a max. of 4 times the exposure limit. P2 filter: up to a max. of 10 times the exposure limit. P3 filter: up to a max. of 30 times the expo. Filter types: A2 / A2P3.

Environmental exposure controls

- Product related measures to prevent exposure:
- After use lock the container immediately.
- Do not contaminate water with the product or its container (Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads).
- Do not allow to enter in soil / subsoil.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid, viscous
Colour:	R62 Venetian Red
Odour:	characteristic

Test method

pH-Value: not relevant

Changes in the physical state

Melting point:	not relevant
Initial boiling point and boiling range:	100,6 °C DIN 53171
Sublimation point:	not relevant
Softening point:	not relevant

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Pour point:	not relevant
Flash point:	36 °C ISO 3679
Sustaining combustion:	Sustaining combustion UN Test L.2

Flammability

Solid:	not applicable
Gas:	not applicable

Explosive properties

The gas-air-mixture does have an explosion range at 20 °C and standard pressure (101,3 kPa).

Lower explosion limits:	1,2 vol. % DIN EN 1839
Upper explosion limits:	12,5 vol. % DIN EN 1839
Ignition temperature:	275 °C DIN 51794

Auto-ignition temperature

Solid:	not applicable
Gas:	not applicable

Decomposition temperature:	not determined
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Oxidizing properties

Oxidizing.

Vapour pressure: (at 20 °C)	39 hPa DIN EN 13016-1
Vapour pressure: (at 50 °C)	167 hPa DIN EN 13016-1
Density (at 20 °C):	1,89 g/cm ³ ISO 2811/ISO 3507
Bulk density:	not relevant
Water solubility: (at 20 °C)	18 g/L OECD 105

Solubility in other solvents

The polymer component is soluble in: ketone, ester

Partition coefficient:	not determined
Viscosity / dynamic: (at 23 °C)	8500 - 9500 mPa·s DIN 53019
Viscosity / kinematic: (at 23 °C)	not applicable
Flow time: (at 23 °C)	not applicable
Vapour density:	not determined
Evaporation rate:	not determined
Solvent separation test:	< 3,0 % (characteristic < 0,5 %)
Solvent content:	0,20 %

9.2. Other information

Solid content:	not determined
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Viscosity, Daniel (20 °C): 12 - 15

SECTION 10: Stability and reactivity

10.1. Reactivity

No risks worthy of mention. Please observe the information on the safety data sheet all times.

10.2. Chemical stability

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No risks worthy of mention.
Store at temperatures not exceeding 38 °C/100,4 °F. Keep cool.

10.3. Possibility of hazardous reactions

Can polymerize exothermically if heated, exposed to sunlight or by addition of free radical initiators.

10.4. Conditions to avoid

Store at temperatures not exceeding 38 °C/100,4 °F. Keep cool.

10.5. Incompatible materials

Radical former, keep away from strong acids, leachates, heavy metal salts and reducing materials.

10.6. Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapours.
Hazardous decomposition products:
Nitrogen oxides (NO_x), carbon dioxide (CO₂), carbon monoxide (CO), monomer(s).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicokinetics, metabolism and distribution

There are no data available on the mixture itself.

Acute toxicity

There are no data available on the mixture itself.
The statement is derived from the properties of the single components.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
141-32-2	n-butyl acrylate				
	oral	LD50 mg/kg	3150	Rat	BASF
	dermal	LD50 mg/kg	2000	Rabbit	
	inhalative (4 h) vapour	LC50	10,3 mg/l	Rat	OECD 403
	inhalative (4 h) gas	LC50	2730 ppm	Rat	
80-62-6	methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate; methyl methacrylate				
	oral	LD50 mg/kg	7872	Rat	OECD 401
	dermal	LD50 mg/kg	> 5000	Rabbit	
	inhalative (4 h) vapour	LC50	29,8 mg/l	Rat	
	inhalative gas	LC50 ppm	10910	Rat	
103-11-7	2-ethylhexyl acrylate				
	oral	LD50 mg/kg	4435	Rat	IUCLID
	dermal	LD50 mg/kg	7522	Rabbit	IUCLID

Irritation and corrosivity

Irritating to eyes, respiratory system and skin.

Sensitising effects

May cause sensitization by skin contact.

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Carcinogenic/mutagenic/toxic effects for reproduction

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):
No known symptoms to date.

STOT-repeated exposure

There are no data available on the mixture itself.

Specific effects in experiment on an animal

There are no data available on the mixture itself.

Additional information on tests

There are no data available on the mixture itself.

Practical experience

Observations relevant to classification

There are no data available on the mixture itself.

Other observations

There are no data available on the mixture itself.

Further information

Preparation not tested. Toxicological data are not available.

SECTION 12: Ecological information

12.1. Toxicity

There are no data available on the mixture itself.
The statement is derived from the properties of the single components.

CAS No	Chemical name						
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method	
141-32-2	n-butyl acrylate						
	Acute fish toxicity	LC50	2,1 mg/l	96 h	Cyprinodon variegatus	OECD 203	
	Acute algae toxicity	ErC50	2,65 mg/l	96 h	Selenastrum capricornutum	OECD 201	
	Acute crustacea toxicity	EC50	8,2 mg/l	48 h	Daphnia magna	OECD 202	
	Crustacea toxicity	NOEC	0,136 mg/l	21 d	Daphnia magna	OECD 211	
	Acute bacteria toxicity		(> 1000 mg/l)				
80-62-6	methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate; methyl methacrylate						
	Acute fish toxicity	LC50	> 79 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)	OECD 203	
	Acute algae toxicity	ErC50	> 110 mg/l	72 h	Selenastrum capricornutum	OECD 201	
	Acute crustacea toxicity	EC50	69 mg/l	48 h	Daphnia magna	OECD 202	
	Fish toxicity	NOEC	9,4 mg/l	21 d	Brachydanio rerio (zebra-fish)	OECD 210	
	Crustacea toxicity	NOEC	37 mg/l	21 d	Daphnia magna	OECD 202	
103-11-7	2-ethylhexyl acrylate						
	Acute algae toxicity	ErC50	44 mg/l	72 h	Desmodesmus subspicatus	IUCLID	
	Acute crustacea toxicity	EC50	17 mg/l	48 h	Daphnia magna	IUCLID	

12.2. Persistence and degradability

There are no data available on the mixture itself.

12.3. Bioaccumulative potential

There are no data available on the mixture itself.

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Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
141-32-2	n-butyl acrylate	2,38
80-62-6	methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate; methyl methacrylate	1,38
103-11-7	2-ethylhexyl acrylate	4,64 (25°C)

BCF

CAS No	Chemical name	BCF	Species	Source
141-32-2	n-butyl acrylate	17,3		calculated.

12.4. Mobility in soil

There are no data available on the mixture itself.

12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

12.6. Other adverse effects

There are no data available on the mixture itself.

Further information

Preparation not tested. According to the present state of knowledge negative ecological effects are not expected.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Dispose of waste according to applicable legislation.
Consult the appropriate local waste disposal expert about waste disposal.
Hand over to officially registered waste disposal company.

Contaminated packaging

Cleaned containers may be recycled.
Hand over to officially registered waste disposal company.

SECTION 14: Transport information

Land transport (ADG)

14.1. UN number: UN 1263
14.2. UN proper shipping name: Paint
14.3. Transport hazard class(es): 3
14.4. Packing group: III
Hazard label: 3



Classification code: F1
Special Provisions: 163 367 650
Limited quantity: 5 L
Excepted quantity: E1
Transport category: 3
Hazard No: 30
Tunnel restriction code: D/E

Inland waterways transport (ADN)

14.1. UN number: UN 1263

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14.2. UN proper shipping name: Paint
14.3. Transport hazard class(es): 3
14.4. Packing group: III
 Hazard label: 3



Classification code: F1
 Special Provisions: 163 367 650
 Limited quantity: 5 L
 Excepted quantity: E1

Marine transport (IMDG)

14.1. UN number: UN 1263
14.2. UN proper shipping name: Paint
14.3. Transport hazard class(es): 3
14.4. Packing group: III
 Hazard label: 3



Special Provisions: 163, 223, 367, 955
 Limited quantity: 5 L
 Excepted quantity: E1
 EmS: F-E, S-E

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: UN 1263
14.2. UN proper shipping name: Paint
14.3. Transport hazard class(es): 3
14.4. Packing group: III
 Hazard label: 3



Special Provisions: A3 A72 A192
 Limited quantity Passenger: 10 L
 Passenger LQ: Y344
 Excepted quantity: E1
 IATA-packing instructions - Passenger: 355
 IATA-max. quantity - Passenger: 60 L
 IATA-packing instructions - Cargo: 366
 IATA-max. quantity - Cargo: 220 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

Avoid transport on vehicles where the load space is not separated from the driver's compartment.
 Use personal protective equipment as required.
 Keep away from heat.
 Do not allow to enter in surface water or drains.

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

Not applicable.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3: 2-ethylhexyl acrylate

2010/75/EU (VOC): 0,2 % (3,78 g/l)

2004/42/EC (VOC): 0,2 % (3,78 g/l)

Additional information

The product is classified and labelled according to UN-GHS or corresponding national laws.

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles. Observe employment restrictions for women of child-bearing age.

Water contaminating class (D): 2 - water contaminating

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information**Abbreviations and acronyms**

ADI: Acceptable Daily Intake

ADG: Agreement concerning the carriage of Dangerous Goods by road

ADR: Accord européen sur le transport des marchandises Dangereuses par Route

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

ASTM: American Society for Testing and Materials

ATP: Adaptation to Technical Progress

BCF: Bioconcentration factor

BOD: Biochemical oxygen demand

c.c.: closed cup

CAO: Cargo Aircraft Only

Carc: Carcinogen

CAS: Chemical Abstract Services

CMR: carcinogenic-mutagenic-toxic for reproduction

COD: Chemical oxygen demand

DIN: German Institute for Standardisation

DMEL: Derived minimum effect level

DNEL: Derived no effect level

EC50: half maximal effective concentration

ErC50: Reduction of Growth Rate

GHS: Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

GLP: Good Laboratory Practice

IARC: International Agency for Research on Cancer

IATA: International Air Transport Association

IBC: Intermediate Bulk Container

ICAO: International Civil Aviation Organization

CAO-TI: International Civil Aviation Organization - Technical Instructions

ICCA: International Council of Chemical Association

ID: Identification number

IMDG: International Maritime Dangerous Goods

IUPAC: International Union of Pure and Applied Chemistry

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ISO: International Organization for Standardization
LC50: 50 % Lethal Concentration
LD50: 50 % Lethal Dose
L(E)C50: LC50 or EC50
LOAEL: Lowest observed adverse effect level
LOEL: Lowest observed effect level
MARPOL: International Convention for the Prevention of Pollution from Ships
NOAEL: No observed adverse effect level
NOEC: no observed effect concentration
NOEL: no observed effect level
o. c.: open cup
OECD: Organization for Economic Cooperation and Development
OEL: Occupational Exposure Limit
PBT: Persistent, bioaccumulative, toxic
PEC: Predicted effect concentration
PNEC: Predicted no effect concentration
RID: Règlement International concernant le transport des marchandises Dangereuses par chemin de fer
(Regulations concerning the International Transport of Dangerous Goods by Rail)
RQ: Reportable Quantity
SDS: Safety Data Sheet
STOT: Specific Target Organ Toxicity
UN: United Nations
vPvB: very persistent, very bioaccumulative
voc: volatile organic compounds
WHO: World Health Organization

Relevant H and AUH statements (number and full text)

H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H402 Harmful to aquatic life.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)