



Safety Data Sheet

acc. to 29 CFR 1910.1200 AppD

Red Iguana Base & Build Gel

Version number: GHS 1.0

Date of compilation: 2020-07-07

SECTION 1: Identification

1.1 Product identifier

Trade name	Red Iguana Base & BuildGel
Alternative number(s)	179_333X

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

Relevant identified uses	Professional use Nail cosmetics
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1.3 Details of the supplier of the safety data sheet

Red Iguana LLC
2707 E Craig Rd, Suite F,
N Las Vegas, NV 89030

Telephone: 6195778998

e-mail: help@red-iguana.com

e-mail (competent person)

help@red-iguana.com(Alena Severnaya)

1.4 Emergency telephone number

Emergency information service	6195778998 This number is only available during the following office hours: Mon-Fri 09:00 AM - 05:00 PM
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SECTION 2: Hazard(s) identification

2.1 Classification of the substance or mixture

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

This mixture does not meet the criteria for classification.

2.2 Label elements

Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

- signal word not required
- pictograms not required

2.3 Other hazards

There is no additional information.

Hazards not otherwise classified

Harmful to aquatic life with long lasting effects (GHS category 3: aquatic toxicity - acute and/or chronic).

Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

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SECTION 3: Composition/information on ingredients

3.1 Substances

Not relevant (mixture)

3.2 Mixtures

Description of the mixture

Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms
ALIPHATIC URETHANE AC- RYLATE		25 – < 50		
HYDROXYPROPYL METHACRYLATE	CAS No 27813-02-1	25 – < 50		
Sucrose benzoate	CAS No 12738-64-6	10 – < 25		
TRIETHYLENE GLYCOL DI- METHACRYLATE	CAS No 109-16-0	10 – < 25		
ETHYL TRIMETHYLBEN- ZOYL PHENYLPHOSPHIN- ATE	CAS No 84434-11-7	1 – < 5		
BHT	CAS No 128-37-0	0.1 – < 1		
P-HYDROXYANISOLE	CAS No 150-76-5	< 0.1		

For full text of abbreviations: see SECTION 16.

SECTION 4: First-aid measures

4.1 Description of first- aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

Following skin contact

Wash with plenty of soap and water. Take off immediately all contaminated clothing.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart. Immediately call a POISON CENTER or doctor/physician.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

4.3 Indication of any immediate medical attention and special treatment needed

none

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SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO₂)

Unsuitable extinguishing media

Water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Carbon monoxide (CO), Carbon dioxide (CO₂)

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety. Avoid contact with skin and eyes.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

- measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Protect against: UV-radiation/sunlight, Heat, Cold, Humidity, Keep only in original container, Storage temperature: 5-30 °C

7.3 Specific end use(s)

See section 16 for a general overview.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)											
Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m ³]	STEL [ppm]	STEL [mg/m ³]	Ceiling-C [ppm]	Ceiling-C [mg/m ³]	Notation	Source
US	2,6-di-tert-butyl-p-cresol	128-37-0	PEL (CA)		10						Cal/ OSHA PEL
US	2,6-di-tert-butyl-p-cresol	128-37-0	REL		10 (10 h)						NIOSH REL
US	butylated hydroxytoluene	128-37-0	TLV®		2					iv	ACGIH® 2019
US	4-methoxyphenol	150-76-5	PEL (CA)		5						Cal/ OSHA PEL
US	4-methoxyphenol	150-76-5	REL		5 (10 h)						NIOSH REL
US	4-methoxyphenol	150-76-5	TLV®		5						ACGIH® 2019

Notation

Ceiling-C

iv

STEL

TWA

ceiling value is a limit value above which exposure should not occur

inhalable fraction and vapor

short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours

time-weighted average (unless otherwise specified)

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Relevant DNELs of components of the mixture						
Name of substance	CAS No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
HYDROXYPROPYL METHACRYLATE	27813-02-1	DNEL	4.2 mg/kg	human, dermal	worker (industry)	chronic - systemic effects
HYDROXYPROPYL METHACRYLATE	27813-02-1	DNEL	14.7 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
TRIETHYLENE GLYCOL DIMETHACRYLATE	109-16-0	DNEL	13.9 mg/kg	human, dermal	worker (industry)	chronic - systemic effects
TRIETHYLENE GLYCOL DIMETHACRYLATE	109-16-0	DNEL	48.5 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
BHT	128-37-0	DNEL	0.5 mg/kg	human, dermal	worker (industry)	chronic - systemic effects
BHT	128-37-0	DNEL	3.5 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
P-HYDROXYANISOLE	150-76-5	DNEL	3 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
P-HYDROXYANISOLE	150-76-5	DNEL	10 mg/m ³	human, inhalatory	worker (industry)	acute - systemic effects

Relevant PNECs of components of the mixture						
Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
HYDROXYPROPYL METHACRYLATE	27813-02-1	PNEC	0.904 mg/l	aquatic organisms	freshwater	short-term (single instance)
HYDROXYPROPYL METHACRYLATE	27813-02-1	PNEC	0.904 mg/l	aquatic organisms	marine water	short-term (single instance)
HYDROXYPROPYL METHACRYLATE	27813-02-1	PNEC	10 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
HYDROXYPROPYL METHACRYLATE	27813-02-1	PNEC	6.28 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
HYDROXYPROPYL METHACRYLATE	27813-02-1	PNEC	6.28 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
HYDROXYPROPYL METHACRYLATE	27813-02-1	PNEC	0.727 mg/kg	terrestrial organisms	soil	short-term (single instance)
HYDROXYPROPYL METHACRYLATE	27813-02-1	PNEC	0.972 mg/l	aquatic organisms	water	intermittent release
TRIETHYLENE GLYCOL DIMETHACRYLATE	109-16-0	PNEC	0.164 mg/l	aquatic organisms	freshwater	short-term (single instance)
TRIETHYLENE GLYCOL DIMETHACRYLATE	109-16-0	PNEC	0.0164 mg/l	aquatic organisms	marine water	short-term (single instance)

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Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
TRIETHYLENE GLYCOL DIMETHACRYLATE	109-16-0	PNEC	10 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
TRIETHYLENE GLYCOL DIMETHACRYLATE	109-16-0	PNEC	1.85 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
TRIETHYLENE GLYCOL DIMETHACRYLATE	109-16-0	PNEC	0.185 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
TRIETHYLENE GLYCOL DIMETHACRYLATE	109-16-0	PNEC	0.274 mg/kg	terrestrial organisms	soil	short-term (single instance)
TRIETHYLENE GLYCOL DIMETHACRYLATE	109-16-0	PNEC	0.164 mg/l	aquatic organisms	water	intermittent release
BHT	128-37-0	PNEC	0.199 µg/l	aquatic organisms	freshwater	short-term (single instance)
BHT	128-37-0	PNEC	0.0199 µg/l	aquatic organisms	marine water	short-term (single instance)
BHT	128-37-0	PNEC	0.17 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
BHT	128-37-0	PNEC	99.6 µg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
BHT	128-37-0	PNEC	9.96 µg/kg	aquatic organisms	marine sediment	short-term (single instance)
BHT	128-37-0	PNEC	8.33 mg/kg	aquatic organisms	water	short-term (single instance)
BHT	128-37-0	PNEC	47.69 µg/kg	terrestrial organisms	soil	short-term (single instance)
BHT	128-37-0	PNEC	1.99 µg/l	aquatic organisms	water	intermittent release
P-HYDROXYANISOLE	150-76-5	PNEC	0.014 mg/l	aquatic organisms	freshwater	short-term (single instance)
P-HYDROXYANISOLE	150-76-5	PNEC	0.001 mg/l	aquatic organisms	marine water	short-term (single instance)
P-HYDROXYANISOLE	150-76-5	PNEC	10 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
P-HYDROXYANISOLE	150-76-5	PNEC	0.125 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
P-HYDROXYANISOLE	150-76-5	PNEC	0.013 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
P-HYDROXYANISOLE	150-76-5	PNEC	0.017 mg/kg	terrestrial organisms	soil	short-term (single instance)

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8.2 Exposure controls



Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

- hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. 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.

- other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state	liquid
Color	various
Odor	characteristic

Other safety parameters

pH (value)	not determined
Melting point/freezing point	not determined
Siedepunkt	not determined
Flash point	not determined
Evaporation rate	not determined
Flammability (solid, gas)	not relevant, (fluid)

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Explosive limits	not determined
Vapor pressure	not determined
Density	not determined
Vapor density	this information is not available
Relative density	information on this property is not available
Solubility(ies)	not determined

Partition coefficient

- n-octanol/water (log KOW)	this information is not available
Auto-ignition temperature	not determined
Viscosity	not determined
Explosive properties	none
Oxidizing properties	none

9.2 Other information

Solvent content	0 %
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SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

10.5 Incompatible materials

Oxidizers

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

This mixture does not meet the criteria for classification.

Acute toxicity

Shall not be classified as acutely toxic.

Acute toxicity estimate (ATE) of components of the mixture			
Name of substance	CAS No	Exposure route	ATE
HYDROXYPROPYL METHACRYLATE	27813-02-1	oral	2,000 mg/kg

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitization

Shall not be classified as a respiratory or skin sensitizer.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

SECTION 12: Ecological information

12.1 Toxicity

Harmful to aquatic life with long lasting effects.

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Aquatic toxicity (acute) of components of the mixture					
Name of substance	CAS No	Endpoint	Value	Species	Exposure time
HYDROXYPROPYL METHACRYLATE	27813-02-1	LC50	493 mg/l	fish	48 h
HYDROXYPROPYL METHACRYLATE	27813-02-1	EC50	>143 mg/l	aquatic invertebrates	48 h
HYDROXYPROPYL METHACRYLATE	27813-02-1	ErC50	>97.2 mg/l	algae	72 h
TRIETHYLENE GLYCOL DIMETHACRYLATE	109-16-0	LC50	17.9 mg/l	fish	48 h
TRIETHYLENE GLYCOL DIMETHACRYLATE	109-16-0	ErC50	>100 mg/l	algae	72 h
TRIETHYLENE GLYCOL DIMETHACRYLATE	109-16-0	EC50	72.8 mg/l	algae	72 h
BHT	128-37-0	LC50	0.199 mg/l	fish	96 h
BHT	128-37-0	EC50	0.48 mg/l	aquatic invertebrates	48 h
P-HYDROXYANISOLE	150-76-5	LC50	28.5 mg/l	fish	96 h
P-HYDROXYANISOLE	150-76-5	EC50	3 mg/l	aquatic invertebrates	48 h
P-HYDROXYANISOLE	150-76-5	ErC50	54.7 mg/l	algae	72 h

Aquatic toxicity (chronic) of components of the mixture					
Name of substance	CAS No	Endpoint	Value	Species	Exposure time
TRIETHYLENE GLYCOL DIMETHACRYLATE	109-16-0	LC50	23.1 mg/l	fish	24 h
TRIETHYLENE GLYCOL DIMETHACRYLATE	109-16-0	EC50	51.9 mg/l	aquatic invertebrates	21 d
BHT	128-37-0	EC50	1.7 mg/l	microorganisms	24 h
P-HYDROXYANISOLE	150-76-5	LC50	>1.45 mg/l	aquatic invertebrates	21 d
P-HYDROXYANISOLE	150-76-5	EC50	1.42 mg/l	aquatic invertebrates	21 d

12.2 Persistence and degradability

Data are not available.

12.3 Bioaccumulative potential

Data are not available.

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Data are not available.

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12.6 Other adverse effects

Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packages

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

- | | | |
|------|--|--|
| 14.1 | UN number | not assigned |
| 14.2 | UN proper shipping name | not assigned |
| 14.3 | Transport hazard class(es) | not assigned |
| 14.4 | Packing group | not assigned |
| 14.5 | Environmental hazards | non-environmentally hazardous acc. to the dangerous goods regulations |
| 14.6 | Special precautions for user | See chapter 6 to 8. |
| 14.7 | Transport in bulk according to Annex II of MARPOL and the IBC Code | The delivery takes place exclusively in packaging approved and suitable for traffic law. |

Information for each of the UN Model Regulations

Transport of dangerous goods by road or rail (49 CFR US DOT)

Not subject to transport regulations.

International Maritime Dangerous Goods Code (IMDG)

Not subject to IMDG.

International Civil Aviation Organization (ICAO-IATA/DGR)

Not subject to ICAO-IATA.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

National regulations (United States)

VOC content

Regulated Volatile Organic Compounds (VOC-EPA): Regulated Volatile Organic Compounds (VOC-Cal ARB):

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Industry or sector specific available guidance(s)

NPCA-HMIS® III

Hazardous Materials Identification System. American Coatings Association.

Category	Rating	Description
Chronic	/	none
Health	0	no significant risk to health
Flammability	1	material that must be preheated before ignition can occur
Physical hazard	0	material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive
Personal protection	-	

NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

Category	Degree of hazard	Description
Flammability	1	material that must be preheated before ignition can occur
Health	0	material that, under emergency conditions, would offer no hazard beyond that of ordinary combustible material
Instability	0	material that is normally stable, even under fire conditions
Special hazard		

15.2 Chemical Safety Assessment

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

SECTION 16: Other information, including date of preparation or last revision

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
49 CFR US DOT	49 CFR U.S. Department of Transportation
ACGIH® 2019	From ACGIH®, 2019 TLVs® and BEIs® Book. Copyright 2019. Reprinted with permission. Information on the proper use of the TLVs® and BEIs®: http://www.acgih.org/tlv-bei-guidelines/policies-procedures-presentations/tlv-bei-position-statement
ATE	Acute Toxicity Estimate
Cal/OSHA PEL	California Division of Occupational Safety and Health (Cal/OSHA): Permissible Exposure Limits (PELs)
Cal ARB	California Air Resources Board
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
Ceiling-C	Ceiling value
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level
EC50	Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval

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Abbr.	Descriptions of used abbreviations
EPA	Environmental Protection Agency. An agency of the federal government of the United States charged with protecting human health and the environment
ErC50	≡ EC50: in this method, that concentration of test substance which results in a 50 % reduction in either growth (EbC50) or growth rate (ErC50) relative to the control
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")
NIOSH REL	National Institute for Occupational Safety and Health (NIOSH): Recommended Exposure Limits (RELs)
NPCA-HMIS® III	National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition
OSHA	Occupational Safety and Health Administration (United States)
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
ppm	Parts per million
RTECS	Registry of Toxic Effects of Chemical Substances (database of NIOSH with toxicological information)
STEL	Short-term exposure limit
TLV®	Threshold Limit Values
TWA	Time-weighted average
VOC	Volatile Organic Compounds
vPvB	Very Persistent and very Bioaccumulative

Key literature references and sources for data

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.

Transport of dangerous goods by road or rail (49 CFR US DOT). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.