

acc. to 29 CFR 1910.1200 App D

## **Surf City Garage Zilla Juice**

Version number: GHS 1.0 Date of compilation: 2018-05-24

#### **SECTION 1: Identification**

#### 1.1 Product identifier

Trade name Surf City Garage Zilla Juice

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

Relevant identified uses General use

#### 1.3 Details of the supplier of the safety data sheet

Surf City Garage 5872 Engineer Drive Hunting Beach CA 92649

1-866-970-7872 www.surfcitygarage.com

#### 1.4 Emergency telephone number

Emergency information service

USA 1.800.535.5053, INTL 1.352.323.3500 Mon-Fri 09:00 AM - 05:00 PM, 24 hour emergency number

#### SECTION 2: Hazard(s) identification

#### 2.1 Classification of the substance or mixture

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

Section	Hazard class	Category	Hazard class and category	Hazard state- ment
A.3	serious eye damage/eye irritation	2	Eye Irrit. 2	H319
A.4S	skin sensitization	1	Skin Sens. 1	H317

For full text of abbreviations: see SECTION 16.

#### 2.2 Label elements

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

- Signal word warning

- Pictograms

GHS07



- Hazard statements

H317 May cause an allergic skin reaction. H319 Causes serious eye irritation.

#### - Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P272 Contaminated work clothing must not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 If on skin: Wash with plenty of water.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy

to do. Continue rinsing.

P321 Specific treatment (see on this label).

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

United States: en Page: 1 / 12



acc. to 29 CFR 1910.1200 App D

## **Surf City Garage Zilla Juice**

Version number: GHS 1.0 Date of compilation: 2018-05-24

- Precautionary statements

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

- Hazardous ingredients for labelling

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one (3:1)

#### 2.3 Other hazards

Results of PBT and vPvB assessment

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

#### **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	Notes
Propan-2-ol	CAS No 67-63-0	1-<3	Eye Irrit. 2 / H319 STOT SE 3 / H336 Flam. Liq. 2 / H225	
ethoxylated C11-15 second- ary alcohols	CAS No 68131-40-8	1-<3	Acute Tox. 4 / H302 Skin Irrit. 2 / H315 Eye Dam. 1 / H318	
dimethyl,(aminoethylaminop- ropyl)methyl siloxane, tri- methylsiloxy-terminated	CAS No 71750-79-3	0.1 - < 1	Acute Tox. 2 / H330 Eye Irrit. 2A / H319	
reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol- 3-one (3:1)	CAS No 55965-84-9	<0.1	Acute Tox. 3 / H301 Acute Tox. 3 / H311 Acute Tox. 3 / H331 Skin Corr. 1B / H314 Eye Dam. 1 / H318 Skin Sens. 1 / H317	

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.

#### 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.

#### Following ingestion

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

United States: en Page: 2 / 12



acc. to 29 CFR 1910.1200 App D

## **Surf City Garage Zilla Juice**

Version number: GHS 1.0 Date of compilation: 2018-05-24

#### 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

#### SECTION 5: Fire-fighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media

Water spray, Alcohol resistant foam, BC-powder, Carbon dioxide (CO2)

Unsuitable extinguishing media

Water jet

#### 5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Nitrogen oxides (NOx)

#### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate 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.

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

Advices on how to contain a spill

Covering of drains

Advices 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.

United States: en Page: 3 / 12



acc. to 29 CFR 1910.1200 App D

## **Surf City Garage Zilla Juice**

Version number: GHS 1.0 Date of compilation: 2018-05-24

### **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

Control of the effects

Protect against external exposure, such as Frost

#### 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)

Coun try	Name of agent	CAS No	Identifi- er	TWA [ppm]	TWA [mg/m³]	STEL [ppm]	STEL [mg/m³]	Source
US	isopropyl alcohol	67-63-0	PEL (CA)	400	980	500	1,225	Cal/OSHA PEL
US	isopropyl alcohol	67-63-0	REL	400 (10 h)	980 (10 h)	500	1,225	NIOSH REL
US	isopropyl alcohol	67-63-0	PEL	400	980			29 CFR 1910.1000

Notation

STEL

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)

TWA

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

#### 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
Propan-2-ol	67-63-0	DNEL	888 mg/kg	human, dermal	worker (industry)	chronic - systemic effects
Propan-2-ol	67-63-0	DNEL	500 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
ethoxylated C11-15 secondary alcohols	68131-40-8	DNEL	42.32 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
ethoxylated C11-15 secondary alcohols	68131-40-8	DNEL	6 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects

United States: en Page: 4 / 12



acc. to 29 CFR 1910.1200 App D

## **Surf City Garage Zilla Juice**

Version number: GHS 1.0 Date of compilation: 2018-05-24

#### Relevant PNECs of components of the mixture

Name of substance	CAS No	End- point	Threshold level	Organism	Environmental compartment	Exposure time
Propan-2-ol	67-63-0	PNEC	140.9 <sup>mg</sup> / <sub>l</sub>	aquatic organisms	freshwater	short-term (single instance)
Propan-2-ol	67-63-0	PNEC	140.9 <sup>mg</sup> / <sub>l</sub>	aquatic organisms	marine water	short-term (single instance)
Propan-2-ol	67-63-0	PNEC	2,251 <sup>mg</sup> / <sub>l</sub>	microorganisms	sewage treatment plant (STP)	short-term (single instance)
Propan-2-ol	67-63-0	PNEC	552 <sup>mg</sup> / <sub>kg</sub>	benthic organisms	sediment	short-term (single instance)
Propan-2-ol	67-63-0	PNEC	552 <sup>mg</sup> / <sub>kg</sub>	pelagic organisms	sediment	short-term (single instance)
Propan-2-ol	67-63-0	PNEC	160 <sup>mg</sup> / <sub>kg</sub>	(top) predators	water	short-term (single instance)
Propan-2-ol	67-63-0	PNEC	28 <sup>mg</sup> / <sub>kg</sub>	terrestrial organisms	soil	short-term (single instance)
Propan-2-ol	67-63-0	PNEC	140.9 <sup>mg</sup> / <sub>l</sub>	aquatic organisms	water	intermittent re- lease
ethoxylated C11-15 secondary alcohols	68131-40-8	PNEC	20 <sup>µg</sup> / <sub>I</sub>	aquatic organisms	freshwater	short-term (single instance)
ethoxylated C11-15 secondary alcohols	68131-40-8	PNEC	2 <sup>µg</sup> / <sub>l</sub>	aquatic organisms	marine water	short-term (single instance)
ethoxylated C11-15 secondary alcohols	68131-40-8	PNEC	8.24 <sup>mg</sup> / <sub>l</sub>	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
ethoxylated C11-15 secondary alcohols	68131-40-8	PNEC	28.1 <sup>mg</sup> / <sub>kg</sub>	aquatic organisms	freshwater sedi- ment	short-term (single instance)
ethoxylated C11-15 secondary alcohols	68131-40-8	PNEC	2.81 <sup>mg</sup> / <sub>kg</sub>	aquatic organisms	marine sediment	short-term (single instance)
ethoxylated C11-15 secondary alcohols	68131-40-8	PNEC	5.6 <sup>mg</sup> / <sub>kg</sub>	terrestrial organisms	soil	short-term (single instance)

### 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.

United States: en Page: 5 / 12



acc. to 29 CFR 1910.1200 App D

## **Surf City Garage Zilla Juice**

Version number: GHS 1.0 Date of compilation: 2018-05-24

#### 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

Physical state	liquid
Color	coral
Odor	fruity

#### Other safety parameters

**Appearance** 

pH (value)	7-8 (25 °C)
Melting point/freezing point	not determined
Initial boiling point and boiling range	82.5 °C
Flash point	>100 °C at 101.3 kPa
Evaporation rate	not determined
Flammability (solid, gas)	not relevant, (fluid)
Explosive limits	not determined
Vapor pressure	4.3 kPa at 20 °C
Density	not determined
Vapor density	this information is not available
Relative density	information on this property is not available

#### Solubility(ies)

- Water solubility miscible in any proportion	miscible in any proportion
---	----------------------------

#### Partition coefficient

- n-octanol/water (log KOW)	this information is not available
Auto-ignition temperature	338 °C
Viscosity	not determined
Explosive properties	none
Oxidizing properties	none

United States: en Page: 6 / 12



acc. to 29 CFR 1910.1200 App D

## **Surf City Garage Zilla Juice**

Version number: GHS 1.0 Date of compilation: 2018-05-24

#### 9.2 Other information

Temperature class (USA, acc. to NEC 500)	T2 (maximum permissible surface temperature on the equipment:
	300°C)

## **SECTION 10: Stability and reactivity**

#### 10.1 Reactivity

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

#### 10.2 Chemical stability

See below "Conditions to avoid".

#### 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.

#### **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)

#### 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
ethoxylated C11-15 secondary alcohols	68131-40-8	oral	≥2,000 <sup>mg</sup> / <sub>kg</sub>
dimethyl,(aminoethylaminopropyl)methyl siloxane, tri- methylsiloxy-terminated	71750-79-3	inhalation: vapor	0.5 <sup>mg</sup> / <sub>l</sub> /4h
dimethyl,(aminoethylaminopropyl)methyl siloxane, tri- methylsiloxy-terminated	71750-79-3	inhalation: dust/mist	0.105 <sup>mg</sup> / <sub>l</sub> /4h
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3- one and 2-methyl-2H -isothiazol-3-one (3:1)	55965-84-9	oral	100 <sup>mg</sup> / <sub>kg</sub>
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3- one and 2-methyl-2H -isothiazol-3-one (3:1)	55965-84-9	dermal	300 <sup>mg</sup> / <sub>kg</sub>
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3- one and 2-methyl-2H -isothiazol-3-one (3:1)	55965-84-9	inhalation: vapor	3 <sup>mg</sup> / <sub>l</sub> /4h

#### Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

United States: en Page: 7 / 12



acc. to 29 CFR 1910.1200 App D

## **Surf City Garage Zilla Juice**

Version number: GHS 1.0 Date of compilation: 2018-05-24

Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or skin sensitization

May cause an allergic skin reaction.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

#### IARC Monographs on the Evaluation of Carcinogenic Risks to Humans

Name of substance	CAS No	Classification	Number
Propan-2-ol	67-63-0	3	Volume 15, Sup 7, 71

Legend

Not classifiable as to carcinogenicity in humans

#### 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

Shall not be classified as hazardous to the aquatic environment.

#### 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.

#### 12.6 Other adverse effects

Endocrine disrupting potential

The mixture contains substance(s) with an endocrine disrupting potential.

United States: en Page: 8 / 12



acc. to 29 CFR 1910.1200 App D

## **Surf City Garage Zilla Juice**

Version number: GHS 1.0 Date of compilation: 2018-05-24

#### **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 subject to transport regulations
------	-----------	--------------------------------------

14.2 UN proper shipping name not relevant

14.3 Transport hazard class(es) none

**14.4 Packing group** not relevant

**14.5 Environmental hazards** non-environmentally hazardous acc. to the dangerous

goods regulations

#### 14.6 Special precautions for user

There is no additional information.

#### 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

The cargo is not intended to be carried in bulk.

#### 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)

Superfund Amendment and Reauthorization Act (SARA TITLE III )

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)

none of the ingredients are listed

United States: en Page: 9 / 12



acc. to 29 CFR 1910.1200 App D

## **Surf City Garage Zilla Juice**

Version number: GHS 1.0 Date of compilation: 2018-05-24

- Specific Toxic Chemical Listings (EPCRA Section 313)

Toxics Release Inventory: Specific Toxic Chemical Listings

, ,			
Name acc. to inventory	CAS No	Remarks	Effective date
isopropyl alcohol	67-63-0	Only persons who manufacture by the strong acid process are subject, no supplier notifiction.	1986-12-31

#### Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

- List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4) none of the ingredients are listed

#### Clean Air Act

none of the ingredients are listed

# 15.1.5 New Jersey Worker and Community Right to Know Act 0.5

Right to Know Hazardous Substance List			
Name acc. to inventory	CAS No	Remarks	Classifications
isopropyl alcohol	67-63-0		F3

Legend

F3 Flammable - Third Degree

# 15.1.5 California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and 0.6 Toxic Enforcement Act of 1987

none of the ingredients are listed

#### Industry or sector specific available guidance(s)

#### **NPCA-HMIS® III**

Hazardous Materials Identification System. American Coatings Association.

Category	Rating	Description
Chronic	/	none
Health	2	temporary or minor injury may occur
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).

United States: en Page: 10 / 12



acc. to 29 CFR 1910.1200 App D

## **Surf City Garage Zilla Juice**

Version number: GHS 1.0 Date of compilation: 2018-05-24

Category	Degree of hazard	Description
Flammability	1	material that must be preheated before ignition can occur
Health	2	material that, under emergency conditions, can cause temporary incapacitation or residual injury
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		
29 CFR 1910.1000	29 CFR 1910.1000, Tables Z-1, Z-2, Z-3 - Occupational Safety and Health Standards: Toxic and Hazardous Substances (permissible exposure limits)		
49 CFR US DOT	49 CFR § 40 U.S. Department of Transportation		
Acute Tox.	Acute toxicity		
ATE	Acute Toxicity Estimate		
Cal/OSHA PEL	California Division of Occupational Safety and Health (Cal/OSHA): Permissible Exposure Limits (PELs)		
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)		
DGR	Dangerous Goods Regulations (see IATA/DGR)		
DNEL	Derived No-Effect Level		
Eye Dam.	Seriously damaging to the eye		
Eye Irrit.	Irritant to the eye		
Flam. Liq.	Flammable liquid		
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		
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		
PEL	Permissible exposure limit		
PNEC	Predicted No-Effect Concentration		
ppm	Parts per million		
Skin Corr.	Corrosive to skin		
Skin Irrit.	Irritant to skin		

United States: en Page: 11 / 12



acc. to 29 CFR 1910.1200 App D

## **Surf City Garage Zilla Juice**

Version number: GHS 1.0 Date of compilation: 2018-05-24

Abbr.	Descriptions of used abbreviations
Skin Sens.	Skin sensitization
STEL	Short-term exposure limit
STOT SE	Specific target organ toxicity - single exposure
TWA	Time-weighted average
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).

#### List of relevant phrases (code and full text as stated in chapter 2 and 3)

Code	Text
H225	Highly flammable liquid and vapor.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H331	Toxic if inhaled.
H336	May cause drowsiness or dizziness.

#### **Disclaimer**

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

United States: en Page: 12 / 12