

according to Regulation (EC) No. 1907/2006 (REACH), amended by Regulation (EC) No. 453/2010

tuff stuff 2GL kit

Version number: GHS 1.0

Date of compilation: 2015-01-27

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name

Registration number (REACH)

Other means of identification

Item code

Tuff stuff 2GL kit

not relevant (mixture)

1284/GLKIT / 1285W/GLKIT

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

Relevant identified uses

industrial use paint

1.3 Details of the supplier of the safety data sheet

DISTRISERV 43 Rue Michel Gachet 13007 Marseille France

Telephone: +33 (0) 9 79 58 61 00 e-mail: contact@seahawkpaints.eu

1.4 Emergency telephone number

Emergency information service

Austria: +431 406 43 43; Belgium : +070 245 245 (7 /7 24/24); Bulgaria : +359 2 9154 409; Czech republic tel +420 224 919 293, +420 224 915 402; Denmark : 82 12 12 12; Estonia : tel nationally 16662, from abroad (+372) 626 93 90; Finland : (09) 471 977 (direct) or (09) 4711 (exchange); France : + 33 (0)1 45 42 59 59 (7/7 24/24); Germany : 030/19240; Hungary : +36 1 476 6464; Ireland : 01 8092566 or 01 8379964; Italie : 0659943733: Lithuania : 370 5 236 20 52 ou 370 687 53 378; Malta : 2545 0000: Netherlands : 030-2748888; New zealand : 0800 764 766 or 0800 611 116; Norway : + 47 810 20 050; Portugal : 808 250 143; Romania : 021.318.36.06; Slovakia : 421 2 5477 4166; Spain : + 34 91 562 04 20; Sweden: 112 ou 08-331231.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 (CLP) GHS chapter - Hazard class and category - Hazard statement code(s)



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2.6	flammable liquids	Cat. 3	(Flam. Liq. 3)	H226	
3.2	skin corrosion/irritation	Cat. 2	(Skin Irrit. 2)	H315	
3.3	serious eye damage/eye irritation	Cat. 2	(Eye Irrit. 2)	H319	
3.8D	specific target organ toxicity - single exposure (narce effects, drowsiness)	otic Cat. 3	(STOT SE'3)	H336	
3.10	aspiration hazard	Cat. 1	(Asp. Tox. 1)	H304	
4.1C	hazardous to the aquatic environment - chronic haza	ard Cat. 3	(Aquatic Chronic 3)	H412	

Remarks

For full text of H-phrases: see SECTION 16.

Classification according to Directive 1999/45/EC (DPD)

Indication(s) of danger - Symbol codes - R-phrases

flammable	R10
harmful	Xn; R20/21-65
irritant	Xi; R36/38
dangerous for the	R52-53
environment	

Remarks

For full text of R-phrases: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects

The product is combustible and can be ignited by potential ignition sources. Spillage and fire water can cause pollution of watercourses.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP)

Signal word

Danger

Pictograms

GHS02, GHS07, GHS08



Hazard statements

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

Precautionary statements - prevention

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash thoroughly after handling.

- Use only outdoors or in a well-ventilated area. P271
- P273 Avoid release to the environment.
- Wear protective gloves/protective clothing/eye protection/face protection. P280



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Precautionary statements - response

P301+P310 P302+P352	IF SWALLOWED: immediately call a POISON CENTER or doctor/physician. IF ON SKIN: Wash with plenty of water.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: remove person to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338	IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER/doctor if you feel unwell.
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: get medical advice/attention.
P337+P313	If eye irritation persists: get medical advice/attention.
P362	Take off contaminated clothing.
P370+P378	In case of fire: Use foam to extinguish - never use water.

Precautionary statements - storage

Precautionary statements - disposal

P501 Dispose of contents/container to industrial combustion plant.

Hazardous ingredients for labelling:

Solvent naphtha (petroleum), light arom.

2.3 Other hazards

Repeated exposure may cause skin dryness or cracking.

SECTION 3: Composition/information on ingredients

3.1 Substances

not relevant (mixture)

3.2 Mixtures

Description of the mixture

Name of sub- stance	Identifier	wt%	Classification acc. to 1272/2008/EC	Pictograms	Classification acc. to 67/548/EEC	Symbols
4-hydroxy-4- methylpentan-2- one	CAS No 123-42-2 EC No 204-626-7	≥ 50 - < 75	Eye Irrit. 2 / H319	(1)	irritant; Xi; R36	×
Solvent naphtha (petroleum), light arom.	CAS No 64742-95-6 EC No 265-199-0	≥ 10 - < 25	Flam. Liq. 3 / H226 Skin Irrit. 2 / H315 STOT SE 3 / H336 Asp. Tox. 1 / H304 Aquatic Chronic 2 / H411		flammable; R10 harmful; Xn; R65 irritant; Xi; R38 R67 dangerous for the environment; N; R51-53	×
xylene	CAS No 1330-20-7 EC No 215-535-7	≥ 10 - < 25	Flam. Liq. 3 / H226 Acute Tox. 4 / H312 Acute Tox. 4 / H332 Skin Irrit. 2 / H315		flammable; R10 harmful; Xn; R20/21 irritant; Xi; R38	×



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Name of sub- stance	Identifier	wt%	Classification acc. to 1272/2008/EC	Pictograms	Classification acc. to 67/548/EEC	Symbols
ethylbenzene	CAS No 100-41-4 EC No 202-849-4	< 1	Flam. Liq. 2 / H225 Acute Tox. 4 / H332		highly flammable; F; R11 harmful; Xn; R20	*

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 any-thing by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. 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.

4.2 Most important symptoms and effects, both acute and delayed

Narcotic effects.

4.3 Indication of any immediate medical attention and special treatment needed none

SECTION 5: Firefighting 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

In case of insufficient ventilation and/or in use, may form flammable/explosive vapour-air mixture. Solvent vapours are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.



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Hazardous combustion products

nitrogen oxides (NOx), carbon monoxide (CO), carbon dioxide (CO2)

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 vapours/dust/spray/gases.

6.2 Environmental precautions

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

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.

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. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools.

Warning

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapours are heavier than air, spread along floors and form explosive mixtures with air. Vapours may form explosive mixtures with air.



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Advice on general occupational hygiene

Wash hands after use. Do not to 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

Managing of associated risks

• Explosive atmospheres

Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.

• Flammability hazards

Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight.

Incompatible substances or mixtures

Observe hints for combined storage.

Consideration of other advice

Ventilation requirements

Use local and general ventilation. Ground/bond container and receiving equipment.

Packaging compatibilities

Only packagings which are approved (e.g. acc. to ADR) may be used.

7.3 Specific end use(s)

See section 16 for a general overview.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

National limit values

Occupational exposure limit values (Workplace Exposure Limits)

Cou ntry	Name of agent	CAS No	ldentifi- er	TW A [pp m]	TWA [mg/m ³]	STE L [pp m]	STEL [mg/m ³]	Source	wt%
EU	ethylbenzene	100-41-4	IOELV	100	442	200	884	2000/39/E C	< 1
EU	xylene	1330-20- 7	IOELV	50	221	100	442	2000/39/E C	≥ 10 - < 25
UK	4-hydroxy-4- methylpentan-2-one	123-42-2	WEL	50	241	75	362	EH40/200 5	≥ 50 - < 75
UK	ethylbenzene	100-41-4	WEL	100	441	125	552	EH40/200 5	< 1
UK	xylene, mixed isomers	1330-20- 7	WEL	50	220	100	441	EH40/200 5	≥ 10 - < 25

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 timeweighted average



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Biological limit values

Coun- try	Name of agent	Parameter	Nota- tion	Identifier	Value	Source
UK	xylene	methylhippuric acids	crea	BMGV	650 mmol/mol	EH40/2005

Notation

crea Creatinine

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
Colour	grey for ref 1284/GLKIT - white for ref 1285W/GLKIT
Odour	characteristic
Other physical and chemical parameters	
pH (value)	not determined
Melting point/freezing point	not determined
Initial boiling point and boiling range	not determined
Flash point	27 °C (determination of flash point - rapid equilibrium closed cup method)
Evaporation rate	not determined
Flammability (solid, gas)	not relevant (fluid)
Explosive limits	not determined
Vapour pressure	9 mmHG at 25 °C



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Density	1,42
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
Oxidising properties	none

9.2 Other information

SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s): risk of ignition

if heated

risk of ignition

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Hints to prevent fire or explosion

Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

Physical stresses which might result in a hazardous situation and have to be avoided strong shocks

10.5 Incompatible materials

There is no additional information.

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 according to GHS (1272/2008/EC, CLP)

Acute toxicity

Shall not be classified as acutely toxic.

· Acute toxicity of components of the mixture

Name of substance	CAS No	Exposure route	ATE
xylene	1330-20-7	dermal	1,100
xylene	1330-20-7	inhalation: vapour	11
ethylbenzene	100-41-4	inhalation: vapour	11

Name of sub- stance	CAS No	Exposure route	Endpoint	Value	Species	Notes
Solvent naphtha (petroleum), light arom.	64742-95-6	oral	LD50	>5000 ^{mg} / _{kg}	rat	
Solvent naphtha (petroleum), light arom.	64742-95-6	dermal	LD50	>2000 ^{mg} / _{kg}	rabbit	

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitiser.

Summary of evaluation of the CMR properties

Shall not be classified as germ cell mutagenic, carcinogenic nor as a reproductive toxicant. **Specific target organ toxicity (STOT)**

• Specific target organ toxicity - single exposure

May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure

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

Aspiration hazard

May be fatal if swallowed and enters airways.



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SECTION 12: Ecological information

12.1 Toxicity

Harmful to aquatic life.

Aquatic toxicity (chronic)

May cause long-term adverse effects in the aquatic environment. Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Solvent naphtha (petroleum), light arom.	64742-95-6	EC50	15.41 ^{mg} / _l	microorganisms	40 h

12.2 Process of 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

Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste treatment-relevant information

Solvent reclamation/regeneration.

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/packagings

It is a dangerous waste; only packagings which are approved (e.g. acc. to ADR) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

13.2 Relevant provisions relating to waste

Properties of waste which render it hazardous

H 3-B 'Flammable':

liquid substances and preparations having a flash point equal to or greater than 21 $\,^\circ\text{C}$ and less than or equal to 55 $\,^\circ\text{C}.$

13.3 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.



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SEC	TION 14: Transport information			
14.1	UN number	1263		
14.2	UN proper shipping name	PAINT		
14.3	Transport hazard class(es)			
	Class	3 (flammable liquids)		
14.4	Packing group	III (substance presenting low danger)		
14.5	Environmental hazards	NONE (non-environmentally hazardous acc. to the dangerous goods regulations)		
14.6	S Special precautions for user			
	Provisions for dangerous goods (ADR) should be comp	-		
14.7	Transport in bulk according to Annex II of MARP(DL 73/78 and the IBC Code		
14.8	The cargo is not intended to be carried in bulk. Information for each of the UN Model Regulations			
	Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN)			
	UN number	1263		
	Proper shipping name	PAINT		
	Class	3		
	Classification code	F1		
	Packing group	III		
	Danger label(s)	3		
	Special provisions (SP)	163, 367, 640E, 650		
	Excepted quantities (EQ)	E1		
	Limited quantities (LQ)	5 L		
	Transport category (TC)	3		
	Tunnel restriction code (TRC)	D/E		
	Hazard identification No	30		
	International Maritime Dangerous Goods Code (
	UN number	1263		
	Proper shipping name	PAINT		
	Class	3		
	Subsidiary risk(s)	-		
	Packing group			
	Danger label(s)	3		



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international offit Atlation organization (IOAO IP	
UN number	1263
Proper shipping name	Paint
Class	3
Packing group	III
Danger label(s)	3
Special provisions (SP)	A3, A72
Excepted quantities (EQ)	E1
Limited quantities (LQ)	10 L

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Relevant provisions of the European Union (EU)
- 15.1.1. Limitation of emissions of volatile organic compounds due to the use of organic solvents in
 certain paints and varnishes and vehicle refinishing products (2004/42/EC, Deco-Paint Directive)

VOC content

444 g/l

National regulations (Austria)

• Ordinance on combustible liquids (VbF)

VbF (group and hazard class):

This Regulation shall not apply:

15.2 Chemical Safety Assessment

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



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SECTION 16: Other information

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations		
2000/39/EC	Comission Directive establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC		
Acute Tox.	acute toxicity		
ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)		
ADR	Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)		
Aquatic Chronic	hazardous to the aquatic environment - chronic hazard		
Asp. Tox.	aspiration hazard		
ATE	Acute Toxicity Estimate		
CAS	Chemical Abstracts Service		
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures		
CMR	Carcinogenic, Mutagenic or toxic for Reproduction		
DPD	Dangerous Preparations Directive (1999/45/EC)		
EC No	The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)		
EH40/2005	EH40/2005 Workplace exposure limits, Table 1: List of approved workplace exposure limits (http://www.nationalarchives.gov.uk/doc/open-government-licence/)		
EmS	Emergency Schedule		
Eye Dam.	seriously damaging to the eye		
Eye Irrit.	irritant to the eye		
F+	extremely flammable		
Flam. Liq.	flammable liquid		
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations		
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)		
N	dangerous for the environment		
PBT	Persistent, Bioaccumulative and Toxic		
ppm	parts per million		
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals		
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)		
Skin Corr.	corrosive to skin		
Skin Irrit.	irritant to skin		
STOT SE	specific target organ toxicity - single exposure		
VbF	ordinance on combustible liquids (Austria)		
VDI			



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Abbr.	Descriptions of used abbreviations
vPvB	very Persistent and very Bioaccumulative
Xi	irritant
Xn	harmful

Key literature references and sources for data

- Supplier
- CLP (annexe VI and/or notification) ECHA

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 vapour
H226	flammable liquid and vapour
H304	may be fatal if swallowed and enters airways
H312	harmful in contact with skin
H315	causes skin irritation
H319	causes serious eye irritation
H332	harmful if inhaled
H336	may cause drowsiness or dizziness
H411	toxic to aquatic life with long lasting effects
H412	harmful to aquatic life with long lasting effects
R10	flammable
R11	highly flammable
R20	harmful by inhalation
R20/21	harmful by inhalation and in contact with skin
R36	irritating to eyes
R36/38	irritating to eyes and skin
R38	irritating to skin
R51/53	toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R65	harmful: may cause lung damage if swallowed
R67	vapours may cause drowsiness and dizziness



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Disclaimer

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

Redactor

Written by NATURAKEM (www.naturakem.fr).