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

1.1. Product identifier

Product code : Hygienfresh Deodiffusore Frutti Rossi
Trades code : A80-093
Product line: Hygienfresh

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

Fragrance Diffuser sticks-exciting environment of long duration
Sectors of use:
Private households (= general public = consumers)[SU21], Public domain (administration, education, entertainment, services, craftsmen)[SU22]

Uses advised against
Do not use for purposes other than those listed

1.3. Details of the supplier of the safety data sheet

Tintolav s.r.l. - Via M. D' Antona 7 - 10028 Trofarello (TO) Tel. 011/649.68.27 Fax 011/649.67.42

Email: info@tintolav.com - Sito internet: www.tintolav.com

Email tecnico competente: a.conedera@tintolav.com

National contact: Malta: Emergency Ambulance 112
Accident & Emergency Department 2545 4030

1.4. Emergency telephone number

The UK National Poisons Emergency number +44 (0)870 600 6266
London: Emergency 24 hour telephone +44 (0) 207188 0100

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Pictograms:
GHS02, GHS07

Hazard Class and Category Code(s):
Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Eye Irrit. 2, Aquatic Chronic 3

Hazard statement Code(s):
H226 - Flammable liquid and vapour.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H412 - Harmful to aquatic life with long lasting effects.

The product is a liquid that ignites at temperatures above 21 °C if it exposed to an ignition source.
If brought into contact with eyes, the product causes significant irritations which may last for more than 24 hours, if brought into contact with skin, it causes significant inflammation with erythema, scabs, or edema
The product, if brought into contact with skin can cause skin sensitization.
The product is dangerous to the environment as it is harmful to aquatic life with long lasting effects

2.2. Label elements

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

Pictogram, Signal Word Code(s):
GHS02, GHS07 - Warning

Hazard statement Code(s):
H226 - Flammable liquid and vapour.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H412 - Harmful to aquatic life with long lasting effects.

Supplemental Hazard statement Code(s):
not applicable

Precautionary statements:
General
P102 - Keep out of reach of children.
Prevention
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P273 - Avoid release to the environment.
Response
P302+P352 - IF ON SKIN: Wash with plenty of water and soap.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.
Disposal
P501 - Dispose of contents / container in accordance with local and national regulations.

Contains:
2-ethyl-3-hydroxy-4-pyrone, 3-methylbut-2-en-1-ol, dipentene
(Z)-1-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2-buten-1-one, 4-(4-hydroxy-4-methylpentyl)cyclohex-3-enecarbaldehyde: It can produce an allergic reaction.

Packaging to be fitted with a tactile warning
Content of VOC ready to use condition: 38,90 %

2.3. Other hazards

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

No information on other hazards

SECTION 3. Composition/information on ingredients

3.1 Substances

Irrilevant

3.2 Mixtures

Refer to paragraph 16 for full text of hazard statements

Substance	Concentration	Classification	Index	CAS	EINECS	REACh
ethanol	> 30 <= 50%	Flam. Liq. 2, H225	603-002-00-5	64-17-5	200-578-6	
cis-hex-3-en-1-ol - FEMA 2563	> 1 <= 5%	Flam. Liq. 3, H226;		928-96-1	213-192-8	

Substance	Concentration	Classification	Index	CAS	EINECS	REACh
		Eye Irrit. 2, H319				
2,6-di-tert-butyl-p-cresol - FEMA 2184	> 1 <= 5%	Aquatic Acute 1, H400; Aquatic Chronic 1, H410		128-37-0	204-881-4	01-2119565113-46
3-methylbut-2-en-1-ol - FEMA 0	> 1 <= 5%	Flam. Liq. 3, H226; Acute Tox. 4, H302; Skin Corr. 1C, H314; Eye Dam. 1, H318		556-82-1	209-141-4	
2-ethyl-3-hydroxy-4-pyrone - FEMA 3487	> 1 <= 5%	Acute Tox. 4, H302		4940-11-8	225-582-5	
diethyl phthalate - FEMA 0	> 1 <= 5%	Eye Irrit. 2, H319		84-66-2	201-550-6	01-2119430458-38-0000
dipentene	> 0,1 <= 1%	Flam. Liq. 3, H226; Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410	601-029-00-7	5989-27-5	205-341-0	01-2119529223-47-0001
(Z)-1-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2-buten-1-one	> 0,1 <= 1%	Skin Sens. 1, H317		23726-92-3	245-843-7	
4-(4-hydroxy-4-methylpentyl)cyclohex-3-enecarbaldehyde	> 0,1 <= 1%	Skin Sens. 1, H317; Aquatic Chronic 3, H412		31906-04-4		

Fractionated global values

H225	= 35,00	H319	= 7,00	H226	= 8,90	H302	= 5,40
H314	= 2,90	H318	= 2,90	H315	= 1,00	H317	= 2,70
H400	= 4,00	H410	= 4,00	H412	= 0,80		

SECTION 4. First aid measures

4.1. Description of first aid measures

Inhalation:
Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area. If you feel unwell seek medical advice.

Direct contact with skin (of the pure product).:
Take contaminated clothing Immediately off.
Wash immediately with plenty of running water and possibly with soap, the areas of the body that have, or are only suspected to have, come in contact with the product.
In case of contact with skin, wash immediately with water and soap

Direct contact with eyes (of the pure product).:
Wash immediately and thoroughly with running water, keeping eyelids open for at least 10 minutes, then protect your eyes with a dry sterile gauze. Seek medical advice immediately

Ingestion:
Not hazardous. It's possible to give activated charcoal in water or liquid paraffin medicine

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

No data available.

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

If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
If medical advice is needed, have product container or label at hand.

SECTION 5. Firefighting measures

5.1. Extinguishing media

Advised extinguishing agents:
CO2 or dry powder extinguisher

Extinguishing means to avoid:
Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

5.2. Special hazards arising from the substance or mixture

No data available.

5.3. Advice for firefighters

Use protection for the breathing apparatus
Safety helmet and full protective suit.
The spray water can be used to protect the people involved in the extinction
You may also use selfrespirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...)
Keep containers cool with water spray

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel:
Leave the area surrounding the spill or release. Do not smoke
Wear gloves and protective clothing

6.1.2 For emergency responders:
Wear gloves and protective clothing
Eliminate all unguarded flames and possible sources of ignition. No smoking.
Provision of sufficient ventilation.
Evacuate the danger area and, in case, consult an expert.

6.2. Environmental precautions

Contain spill with earth or sand.
If the product has entered a watercourse in sewers or has contaminated soil or vegetation, notify it to the authorities.
Discharge the remains in compliance with the regulations

6.3. Methods and material for containment and cleaning up

6.3.1 For containment:
Rapidly recover the product, wear a mask and protective clothing
Recover the product for reuse, if possible, or for removal. Possibly absorb it with inert material.
Prevent it from entering the sewer system.

6.3.2 For cleaning up:
After wiping up, wash with water the area and materials involved

6.3.3 Other information:
None in particular.

6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Avoid contact and inhalation of vapors
Do not smoke at work
At work do not eat or drink.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.
See also paragraph 8 below.

7.2. Conditions for safe storage, including any incompatibilities

Keep in original container closed tightly. Do not store in open or unlabeled containers.
Keep containers upright and safe by avoiding the possibility of falls or collisions.
Keep away from open flames, sparks and heat sources. Avoid direct sunlight exposure.

7.3. Specific end use(s)

Private households (= general public = consumers):
Handle with care.
Store in ventilated place away from heat sources,
Keep the container tightly closed.

Public domain (administration, education, entertainment, services, craftsmen):
Handle with care. Store in a ventilated area and away from heat, keep the container tightly closed.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Related to contained substances:
ethanol:
Component CAS-No. Value Control parameters
Basis
Ethanol-17-64 TWA 5 ppm 1.000
1.920 mg/m3
UK. EH40 WEL-Workplace Exposure Limits
Remarks Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used

dipentene:
TWA: 30 from AIHA
TWA: 165.5 (mg/m3) from AIHA

- Substance: ethanol
DNEL
Systemic effects Long term Workers inhalation = 950 (mg/m3)

8.2. Exposure controls

Appropriate engineering controls:
Private households (= general public = consumers):
No specific checks planned

Public domain (administration, education, entertainment, services, craftsmen):
No specific monitoring foreseen

Individual protection measures:

(a) Eye / face protection
Not needed for normal use.

(b) Skin protection

(i) Hand protection
When handling the pure product use chemical resistant protective gloves (EN 374-1/EN374-2/EN374-3)

(ii) Other
Wear normal work clothing.

(c) Respiratory protection
Not needed for normal use.

(d) Thermal hazards
No hazard to report

Environmental exposure controls:
Related to contained substances:
dipentene:
Do not let this chemical agent contaminate the environment.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical and chemical properties	Value	Determination method
Appearance	Reddish-brown clear liquid	
Odour	characteristic	
Odour threshold	not determined	
pH	irrelevant	
Melting point/freezing point	not determined	
Initial boiling point and boiling range	not determined	
Flash point	20 °C	ASTM D92
Evaporation rate	irrelevant	
Flammability (solid, gas)	flammable	
Upper/lower flammability or explosive limits	not determined	
Vapour pressure	not determined	
Vapour density	not determined	

Physical and chemical properties	Value	Determination method
Relative density	not determined	
Solubility	not soluble in water	
Water solubility	not soluble in water	
Partition coefficient: n-octanol/water	not determined	
Auto-ignition temperature	not determined	
Decomposition temperature	not determined	
Viscosity	not determined	
Explosive properties	not explosive	
Oxidising properties	non-oxidizing	

9.2. Other information

Content of VOC ready to use condition: 38,90 %

SECTION 10. Stability and reactivity

10.1. Reactivity

No reactivity hazards

10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

10.3. Possibility of hazardous reactions

There are no hazardous reactions

10.4. Conditions to avoid

Avoid contact with combustible materials. The product could catch fire.
heat, open flames, sparks or hot surfaces.

10.5. Incompatible materials

It can generate inflammable gases to contact with elementary metals, nitrides, strong reducing agents.
It can ignite in contact with oxidants mineral acids, elementary metals, nitrides, organic peroxides, organic water peroxides, oxidating and reducing agents.

10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

SECTION 11. Toxicological information

11.1. Information on toxicological effects

ATE(mix) oral = 17.378,7 mg/kg
ATE(mix) dermal = ∞
ATE(mix) inhal = ∞

(a) acute toxicity: ethanol: LD50 Oral-rat-7.060 mg/kg
Remarks: Lungs, Thorax, or Respiration: Other changes.
LC50 Inhalation-rat-10:0-20000 ppm
2,6-di-tert-butyl-p-cresol: LD50 oral: 1700 mg/kg (rat)
LD50 oral: 800 - 1600 mg/kg (mouse)
LD50 dermal: >8000 mg/kg (guinea pig)
dipentene: LD50 Oral-rat-4.400 mg/kg
Remarks: Behavioral: Change in motor activity (specific assay). Respiratory disorder Skin and Appendages: Other: Hair. Inhalation: Irritating to respiratory system.
LD50 Dermal-rabbit->5.000 mg/kg
(b) skin corrosion/irritationIf brought into contact with the skin, the product causes significant inflammation with erythema, scabs, or edema.
ethanol: Skin-rabbit
Result: Irritating to skin. -12:0 am
3-methylbut-2-en-1-ol: Skin-rabbit
Result: irritating to skin-24 h
(c) serious eye damage/irritation: If brought into contact with eyes, the product, causes significant irritations which may last for more than 24 hours.
ethanol: Eyes-rabbit
Result: Mild eye irritation-12:0 am
(Draize Test)
3-methylbut-2-en-1-ol: Eyes-rabbit
Result: moderate eye irritation
(d) respiratory or skin sensitization: The product, if brought into contact with skin can cause skin sensitization.
(e) germ cell mutagenicity: 3-methylbut-2-en-1-ol: Result: Non-mutagenic in the Ames test
Histidine reversion (Ames)
(f) carcinogenicity: dipentene: Carcinogenicity-rat-Oral
Tumorigenic: Carcinogenic by RTECS criteria. Kidney, Ureter, Bladder: Kidney tumors. Tumorigenic Effects: Testicular tumors.
Carcinogenicity-mouse-Oral
Equivocal tumorigenic agent by RTECS criteria: Tumorigenic. Gastrointestinal: Tumors.
This product is or contains a component that is not classifiable as to its carcinogenicity IARC, ACGIH, NTP, based on its or EPA classification.
IARC: Group 3-3: Not classifiable as to its carcinogenicity to humans (D-Limonene)
(g) reproductive toxicity: ethanol: Reproductive toxicity-Human-female-Oral
Effects on Newborn: Apgar score (human only). Effects on Newborn: Other measures or neonatal effects.
Effects on Newborn: Drug dependence.
(h) specific target organ toxicity (STOT) single exposure: based on available data, the classification criteria are not met.
(i) specific target organ toxicity (STOT) repeated exposurebased on available data, the classification criteria are not met.
(j) aspiration hazard: based on available data, the classification criteria are not met.

Related to contained substances:
ethanol:
ROUTES of EXPOSURE: the substance can be absorbed into the body by inhalation of its fumes and ingestion.
INHALATION RISK: A harmful contamination of the air will be reached quite slowly due to evaporation of the substance at 20 C.
Effects of short-term exposure: the substance is irritating to the eyes. Inhalation of high vapour can concetrazioni cause irritation of the eyes and respiratory tract. The substance may cause effects on the central nervous system effects of REPEATED EXPOSURE or long term: the liquid degreasing the skin features. The substance may have an effect on the high central nervous system respiratory tract, causing irritation, headaches, fatigue and lack of concentration. See Notes.

ACUTE HAZARDS/Symptoms INHALATION Cough. Headaches. Fatigue. Drowsiness.
CUTE CUTE.
EYE Redness. Pain. Burning.
SWALLOWED burning sensation. Headaches. Confusion. Vertigo. State of unconsciousness.

N O T and consumption of ethanol during pregnancy can have adverse effects on the unborn child. Chronic ethanol ingestion can cause cirrhosis of the liver.
LD50 (rat) Oral (mg/kg body weight) = 7060
LD50 Dermal (rat or rabbit) (mg/kg body weight) = 20000
CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) = 20000

cis-hex-3-en-1-ol:
Oral LD50-rat-4,700 mg/kg
LD50 Dermal-rabbit->5,000 mg/kg
LD50 (rat) Oral (mg/kg body weight) = 4700
LD50 Dermal (rat or rabbit) (mg/kg body weight) = 5000

2,6-di-tert-butyl-p-cresol:
LD50 (rat) Oral (mg/kg body weight) = 1700
LD50 Dermal (rat or rabbit) (mg/kg body weight) = 8000

3-methylbut-2-en-1-ol:
Oral LD50-rat-810 mg/kg
LD50 Dermal-rabbit-3,900 mg/kg
LD50 (rat) Oral (mg/kg body weight) = 810
LD50 Dermal (rat or rabbit) (mg/kg body weight) = 3900
CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) = 8,4

2-ethyl-3-hydroxy-4-pyrone:
Oral LD50-rat-1,150 mg/kg
LD50 Dermal-rabbit-> 5,000 mg/kg
LD50 (rat) Oral (mg/kg body weight) = 1150
LD50 Dermal (rat or rabbit) (mg/kg body weight) = 5000

diethyl phthalate:
Oral LD50/rat: mg/kg 8600
Inahalation LC50/rat: 7.5 mg/l/4:0
LD50 dermal/guinea pig: 22400 > mg/kg
LD50 (rat) Oral (mg/kg body weight) = 8600
LD50 Dermal (rat or rabbit) (mg/kg body weight) = 22400
CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) = 7,5

dipentene:
Routes of Entry: Absorbed through skin. Eye contact. Inhalation. Ingestion.
Toxicity to Animals:
Acute oral toxicity (LD50): 4400 mg/kg [Rat].
Acute dermal toxicity (LD50): >5000 mg/kg [Rabbit].
Chronic Effects on Humans: CARCINOGENIC EFFECTS: 3 (Not classifiable for human.) by IARC.
Other Toxic Effects on Humans:
Hazardous in case of skin contact (irritant, sensitizer), of inhalation (lung irritant).
Slightly hazardous in case of skin contact (permeator), of ingestion.
Special Remarks on Toxicity to Animals: Not available.
Special Remarks on Chronic Effects on Humans: May cause adverse reproductive effects and birth defects (teratogenic)
Special Remarks on other Toxic Effects on Humans:
Acute Potential Health Effects:
Skin: Causes skin irritation. It can be absorbed through intact skin. However, it is generally regarded to have low toxicity by dermal route.
Eyes: Causes eye irritation.
Inhalation: Aspiration of large doses may produce pulmonary edema and chemical pneumonitis. May cause dizziness and suffocation. No nasal or pharyngeal irritation has been reported.
Ingestion: It is generally regarded to have low toxicity by oral route. It may produce burning pain in the mouth and throat, abdominal pain, nausea, vomiting, and diarrhea. There may an odor of terpenes in the vomitus or breath.

It may affect behavior/central nervous and peripheral nervous system. Central nervous system effects may include excitememt, somnolence, delirium, ataxia, convulsions, and stupor while peripheral system effects may include spastic paralysis. It may affect respiration (respiratory depression, choking, coughing, dyspnea, cyanosis). Other symptoms may include cyanosis, fever, and tachycardia. Systemic absorption of large doses may produce pulmonary edema and chemical pneumonitis. The urine may smell like violets.
Chronic Potential Health Effects:
Ingestion: Prolonged or repeated ingestion may produce nausea, lowered blood sugar and cholesterol, and kidney damage (hematuria, albuminuria, tubular necrosis), and may also affect the liver.
Skin: It may be a weak sensitizer and responsible for some rare allergic responses (dermatitis)
LD50 (rat) Oral (mg/kg body weight) = 4400
LD50 Dermal (rat or rabbit) (mg/kg body weight) = 5000

4-(4-hydroxy-4-methylpentyl)cyclohex-3-enecarbaldehyde:
Oral LD50-rat-3,227 mg/kg
Remark: sense organs: sight: tearing behavior: somnolence (depressive activity
generic) behavior: tremors
Dermal LD50 rabbit-11,221-mg/kg
Observations: behavior: somnolence (General depressed activity) gastrointestinal:
structural alterations or salivary gland function
LD50 (rat) Oral (mg/kg body weight) = 3227
LD50 Dermal (rat or rabbit) (mg/kg body weight) = 11221

SECTION 12. Ecological information

12.1. Toxicity

Related to contained substances:
ethanol:
C(E)L50 (mg/l) = 11200

cis-hex-3-en-1-ol:
LC50:352-412 mg/L, 96h
flow-through (Pimephales
promelas)
C(E)L50 (mg/l) = 412

2,6-di-tert-butyl-p-cresol:
Toxicity to fish LC50 - Oryzias latipes - 5.3 mg/l - 48 h
Toxicity to daphnia and other aquatic invertebrates EC50 - Daphnia pulex (Water flea) - 1.44 mg/l - 48 h
C(E)L50 (mg/l) = 1,44

3-methylbut-2-en-1-ol:
Toxicity to fish Lc50-Leuciscus idus (S.b. as Golden)-46 mg/l-96 h
Toxicity to daphnia and other aquatic invertebrates
-EC50 Daphnia magna (water flea)-140 mg/l-48 h
C(E)L50 (mg/l) = 46

diethyl phthalate:
Acute toxicity to fish:
Blue gill/EC50 (83d): 17 mg/l
Rainbow trout/LC50 (83d): 12 mg/l
Acute toxicity to aquatic invertebrates:
Daphnia magna/EC50 (48 h): 86 mg/l
Mysid shrimp/LC50 (83d): 10 mg/l
Acute toxicity to microorganisms:
Green algae/EC50 (83d): 90 mg/l

Marine algae/EC50 (83d): 66 mg/l
C(E)L50 (mg/l) = 12

dipentene:
Ecotoxicity: Not available.
BOD5 and COD: Not available.
Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.
Special Remarks on the Products of Biodegradation: Not available.
C(E)L50 (mg/l) = 0,702

The product is dangerous for the environment as it is toxic for aquatic organisms following acute exposure.

Use according to good working practices to avoid pollution into the environment.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

12.6. Other adverse effects

No adverse effects

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies.
Recover if possible. Send to authorized discharge plants or for incineration under controlled conditions. Operate according to local and National rules in force

SECTION 14. Transport information

14.1. UN number

ADR/RID/IMDG/ICAO-IATA: 1993

ADR exemption because compliance with the following characteristics:

Combination packagings: per inner packaging 1 L per package 30 Kg
Inner packagings placed in skrink-wrapped or stretch-wrapped trays: per inner packaging 1 L per package 20 Kg

14.2. UN proper shipping name

ADR/RID/IMDG: FLAMMABLE LIQUID, N.O.S. (vapor pressure at 50 ° C is not more than 110 kPa) (ethanol, cis-hex-3-en-1-ol, 3-methylbut-2-en-1-ol, dipentene, 2,6-di-tert-butyl-p-cresol)
ICAO-IATA: FLAMMABLE LIQUID, N.O.S. (vapor pressure at 50 ° C is not more than 110 kPa) (ethanol, cis-hex-3-en-1-ol, 3-methylbut-2-en-1-ol, dipentene, 2,6-di-tert-butyl-p-cresol)

14.3. Transport hazard class(es)

ADR/RID/IMDG/ICAO-IATA: Class : 3
ADR/RID/IMDG/ICAO-IATA: Label : Onu
ADR: Tunnel restriction code : D/E
ADR/RID/IMDG/ICAO-IATA: Limited quantities : 1 L
IMDG - EmS : F-E, S-E

14.4. Packing group

ADR/RID/IMDG/ICAO-IATA: II

14.5. Environmental hazards

ADR/RID/ICAO-IATA: Product is not environmentally hazardous
IMDG: Marine polluting agent : Not

14.6. Special precautions for user

No data available.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

It is not intended to carry bulk

SECTION 15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available.

15.2. Chemical safety assessment

The supplier has made an assessment of chemical safety

SECTION 16. Other information

16.1. Other information

Description of the hazard statements exposed to point 3
H225 = Highly flammable liquid and vapour.
H226 = Flammable liquid and vapour.
H319 = Causes serious eye irritation.
H400 = Very toxic to aquatic life.
H410 = Very toxic to aquatic life with long lasting effects.
H302 = Harmful if swallowed.

H314 = Causes severe skin burns and eye damage.
H318 = Causes serious eye damage.
H315 = Causes skin irritation.
H317 = May cause an allergic skin reaction.
H412 = Harmful to aquatic life with long lasting effects.

Classification based on data of all mixture components

Main normative references:
Directive 1999/45/EC
Directive 2001/60/EC
Regulation 1272/2008/EC
Regulation 2010/453/EC

** The information contained herein is based on our knowledge at the date above.
Related solely to the product and do not constitute a guarantee of a particular quality.
It is the duty of the user to ensure that these are appropriate and complete information regarding the specific use intended.
This data sheet cancels and replaces any previous edition.