

Safety Data Sheet

according to 1907/2006/EC, 1272/2008/EC, and 2015/830/EC

Printing date: 25 October 2018

Revision: 25 October 2018

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

1.1 Product identifier

Trade name: Sunshine Vanilla

Product code: FR9798

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

Application of the substance / the mixture: Fragrance

Uses advised against: No further relevant information available.

1.3 Details of the supplier of the Safety Data Sheet

Manufacturer/Supplier:

FRSH SCENTS LIMITED
 RM603, 6/F HANG PONT, COMMERCIAL BUILDING
 31 TONKIN STREET, CHEUNG SHA WAN, KL
 HONG KONG
 TEL +86-769-882 88882

1.4 Emergency telephone number:

ChemTel Inc.
 (800)255-3924 (North America)
 +1 (813)248-0585 (International)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Flam. Liq. 3	H226	Flammable liquid and vapour.
Skin Irrit. 2	H315	Causes skin irritation.
Eye Dam. 1	H318	Causes serious eye damage.
Skin Sens. 1	H317	May cause an allergic skin reaction.
Aquatic Chronic 3	H412	Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS02 GHS05 GHS07

Signal word Danger

Hazard-determining components of labelling:

Octahydrocoumarin
 3 and 4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde
 4-Hydroxy-2,5-dimethyl-3(2H)-furanone
 Diacetyl
 2-(2,2,7,7-tetramethyltricyclo [6.2.1.0((1,6))]undec5(4)-en-5-yl) propan-1-ol

Hazard statements

H226 Flammable liquid and vapour.

(Cont'd. on page 2)

Safety Data Sheet

according to 1907/2006/EC, 1272/2008/EC, and 2015/830/EC

Printing date: 25 October 2018

Revision: 25 October 2018

Trade name: French Vanilla

(Cont'd. from page 1)

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

'Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P264 Wash thoroughly after handling.
 P273 Avoid release to the environment.
 P302+P352 IF ON SKIN: Wash with plenty of soap and water. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P370+P378 In case of fire: Use foam, powder, or carbon dioxide for extinction.

'Labelling of packages where the contents do not exceed 125 ml
'Hazard pictograms


GHS02 GHS05 GHS07

'Signal word Danger

'Hazard-determining components of labelling:

Octahydrocoumarin
 3 and 4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde
 4-Hydroxy-2,5-dimethyl-3(2H)-furanone
 Diacetyl
 2-(2,2,7,7-tetramethyltricyclo [6.2.1.0((1,6))]undec5(4)-en-5-yl) propan-1-ol

'Hazard statements

H318 Causes serious eye damage.
 H317 May cause an allergic skin reaction.
 H412 Harmful to aquatic life with long lasting effects.

'Precautionary statements

P261 Avoid breathing mist/vapours/spray.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

'2.3 Other hazards There are no other hazards not otherwise classified that have been identified.

'Results of PBT and vPvB assessment

'PBT: Not applicable.

'vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

'3.2 Mixtures
'Components:

CAS: 121-32-4	Ethyl vanillin	10-20%
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(Cont'd. on page 3)

Safety Data Sheet

according to 1907/2006/EC, 1272/2008/EC, and 2015/830/EC

Printing date: 25 October 2018

Revision: 25 October 2018

Trade name: French Vanilla

(Cont'd. from page 2)		
EINECS: 204-464-7	⚠ Eye Irrit. 2, H319	
CAS: 121-33-5 EINECS: 204-465-2 Reg.nr.: 01-2119516040-60-XXXX	Vanillin ⚠ Eye Irrit. 2, H319	10-20%
CAS: 123-11-5 EINECS: 204-602-6	p-Methoxybenzaldehyde Aquatic Chronic 3, H412	1-10%
CAS: 4430-31-3 EINECS: 224-623-4	Octahydrocoumarin ⚠ Eye Dam. 1, H318	1-10%
CAS: 105-54-4 EINECS: 203-306-4	Ethyl butyrate ⚠ Flam. Liq. 3, H226	1-10%
CAS: 4940-11-8 EINECS: 225-582-5	Ethyl maltol ⚠ Acute Tox. 4, H302	1-10%
CAS: 128-37-0 EINECS: 204-881-4 Reg.nr.: 01-2119480433-40-XXXX 01-2119555270-46-XXXX	Butylated hydroxytoluene ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410	0,1-1%
CAS: 513-86-0 EINECS: 208-174-1	acetoin ⚠ Flam. Liq. 3, H226 ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	0,1-1%
CAS: 31906-04-4 EINECS: 250-863-4 Index number: 605-040-00-8	3 and 4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde ⚠ Skin Sens. 1A, H317	0,1-1%
CAS: 122-00-9 EINECS: 204-514-8	4'-methylacetophenone ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315	0,1-1%
CAS: 14667-55-1 EINECS: 238-712-0	2,3,5-trimethylpyrazine ⚠ Flam. Liq. 3, H226 ⚠ Acute Tox. 4, H302	0,1-1%
CAS: 431-03-8 EINECS: 207-069-8	Diacetyl ⚠ Flam. Liq. 2, H225 ⚠ Acute Tox. 3, H331 ⚠ STOT RE 2, H373 ⚠ Eye Dam. 1, H318 ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317	0,1-1%
CAS: 3658-77-3 EINECS: 222-908-8	4-Hydroxy-2,5-dimethyl-3(2H)-furanone ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318 ⚠ Acute Tox. 4, H302; Skin Sens. 1A, H317	0,1-1%
CAS: 929625-08-1 ELINCS: 482-030-8	2-(2,2,7,7-tetramethyltricyclo [6.2.1.0((1,6)]undec5(4)-en-5-yl) propan-1-ol ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410 ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	0,1-1%
Additional information:		
For the listed ingredient(s), the identity and/or exact percentages are being withheld as a trade secret.		
For the wording of the listed Hazard Statements refer to section 16.		

(Cont'd. on page 4)

Trade name: French Vanilla

(Cont'd. from page 3)

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation or rash occurs: Get medical advice/attention.

After eye contact:

Protect unharmed eye.

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

Allergic reactions

Strong irritant with the danger of severe eye injury.

Causes skin irritation.

Gastric or intestinal disorders when ingested.

Hazards: Causes serious eye damage.

4.3 Indication of any immediate medical attention and special treatment needed

Medical supervision for at least 48 hours.

Treat skin and mucous membrane with antihistamine and corticoid preparations.

Contains 2-(2,2,7,7-tetramethyltricyclo [6.2.1.0((1,6))undec5(4)-en-5-yl) propan-1-ol

, Diacetyl, 3 and 4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde. May produce an allergic reaction.

If medical advice is needed, have product container or label at hand.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

Foam

Gaseous extinguishing agents

Carbon dioxide

Fire-extinguishing powder

Water haze or fog

For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture

Flammable liquid and vapour.

Formation of toxic gases is possible during heating or in case of fire.

5.3 Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device.

(Cont'd. on page 5)

Safety Data Sheet
according to 1907/2006/EC, 1272/2008/EC, and 2015/830/EC

Printing date: 25 October 2018

Revision: 25 October 2018

Trade name: French Vanilla

Wear fully protective suit.

(Cont'd. from page 4)

Additional information:

In case of leakage, eliminate all ignition sources.

Use large quantities of foam as it is partially destroyed by the product.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Keep away from ignition sources.

Protect from heat.

6.2 Environmental precautions

Do not allow to enter sewers/ surface or ground water.

Inform respective authorities in case of seepage into water course or sewage system.

6.3 Methods and material for containment and cleaning up

Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders).

Send for recovery or disposal in suitable receptacles.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Prevent formation of aerosols.

Avoid splashes or spray in enclosed areas.

Use only in well ventilated areas.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Flammable gas-air mixtures may form in empty receptacles.

Flammable liquid and vapour.

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles:

Avoid storage near extreme heat, ignition sources or open flame.

Information about storage in one common storage facility:

Store away from foodstuffs.

Store away from oxidising agents.

Further information about storage conditions: Keep container tightly sealed.

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

(Cont'd. on page 6)

Safety Data Sheet

according to 1907/2006/EC, 1272/2008/EC, and 2015/830/EC

Printing date: 25 October 2018

Revision: 25 October 2018

Trade name: French Vanilla

(Cont'd. from page 5)

Ingredients with limit values that require monitoring at the workplace:
128-37-0 Butylated hydroxytoluene

 WEL (Great Britain) Long-term value: 10 mg/m³

 OEL (Ireland) Long-term value: 10 mg/m³
431-03-8 Diacetyl

IOELV (EU)	Short-term value: 0,36 mg/m ³ , 0,1 ppm Long-term value: 0,07 mg/m ³ , 0,02 ppm
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8.2 Exposure controls
General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Protection of hands:


Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Material of gloves

Nitrile rubber, NBR

Natural rubber, NR

Eye protection:


Safety glasses

Follow relevant national guidelines concerning the use of protective eyewear.

Body protection: Protective work clothing

Limitation and supervision of exposure into the environment:

No further relevant information available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties
Appearance

Form: Liquid

Colour: According to product specification

Odour: Pleasant

Odour threshold: Not determined.

pH-value: Not determined.

Melting point/freezing point: Not determined.

Initial boiling point and boiling range: Not determined.

Flash point: 52 °C

(Cont'd. on page 7)

Safety Data Sheet

according to 1907/2006/EC, 1272/2008/EC, and 2015/830/EC

Printing date: 25 October 2018

Revision: 25 October 2018

Trade name: French Vanilla

(Cont'd. from page 6)

' Flammability (solid, gas):	Not applicable.
' Auto/Self-ignition temperature:	Not determined.
' Decomposition temperature:	Not determined.
' Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
' Explosion limits	
Lower:	Not determined.
Upper:	Not determined.
' Oxidising properties	Not determined.
' Vapour pressure:	Not determined.
' Density at 20 °C:	0,83-0,85 g/cm ³
' Relative density:	Not determined.
' Vapour density:	Not determined.
' Evaporation rate:	Not determined.
' Solubility in / Miscibility with water:	Not miscible or difficult to mix.
' Partition coefficient: n-octanol/water:	Not determined.
' Viscosity	
Dynamic:	Not determined.
Kinematic:	Not determined.
' 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- ' **10.1 Reactivity** No further relevant information available.
- ' **10.2 Chemical stability** Stable under normal temperatures and pressures.
- ' **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
- ' **10.3 Possibility of hazardous reactions**
Flammable liquid and vapour.
Flammable.
Used empty containers may contain product gases which form explosive mixtures with air.
Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomised.
- ' **10.4 Conditions to avoid**
Keep ignition sources away - Do not smoke.
Store away from oxidising agents.
- ' **10.5 Incompatible materials** No further relevant information available.
- ' **10.6 Hazardous decomposition products**
Under fire conditions only:
Carbon monoxide and carbon dioxide

(Cont'd. on page 8)

Safety Data Sheet

according to 1907/2006/EC, 1272/2008/EC, and 2015/830/EC

Printing date: 25 October 2018

Revision: 25 October 2018

Trade name: French Vanilla

(Cont'd. from page 7)

SECTION 11: Toxicological information

' 11.1 Information on toxicological effects

' Acute toxicity: Based on available data, the classification criteria are not met.

' LD/LC50 values relevant for classification:

ATE (Acute Toxicity Estimates)

Oral	LD50	>3750 mg/kg (rat)
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123-11-5 p-Methoxybenzaldehyde

Oral	LD50	2.755-3.600 mg/kg (rat)
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Dermal	LD50	>5.000 mg/kg (rabbit)
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4430-31-3 Octahydrocoumarin

Oral	LD50	3.900 mg/kg (rat)
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4940-11-8 Ethyl maltol

Oral	LD50	1.150 mg/kg (rat)
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24851-98-7 Methyl dihydrojasmonate

Oral	LD50	>2.000 mg/kg (rat)
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Dermal	LD50	>5.000 mg/kg (rabbit)
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128-37-0 Butylated hydroxytoluene

Oral	LD50	>6.000 mg/kg (rat)
------	------	--------------------

Dermal	LD50	>2.000 mg/kg (rat)
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122-00-9 4'-methylacetophenone

Oral	LD50	1.400 mg/kg (rat)
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14667-55-1 2,3,5-trimethylpyrazine

Oral	LD50	806 mg/kg (rat)
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431-03-8 Diacetyl

Oral	LD50	1.580 mg/kg (rat)
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3658-77-3 4-Hydroxy-2,5-dimethyl-3(2H)-furanone

Oral	LD50	1.608 mg/kg (rat)
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' Primary irritant effect

' Skin corrosion/irritation:

Causes skin irritation.

' Serious eye damage/irritation:

Causes serious eye damage.

' Respiratory or skin sensitisation:

May cause an allergic skin reaction.

' IARC (International Agency for Research on Cancer):

None of the ingredients are listed.

' Probable routes of exposure:

Ingestion.

Inhalation.

Eye contact.

Skin contact.

(Cont'd. on page 9)

Safety Data Sheet

according to 1907/2006/EC, 1272/2008/EC, and 2015/830/EC

Printing date: 25 October 2018

Revision: 25 October 2018

Trade name: French Vanilla

(Cont'd. from page 8)

- ' **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- ' **Carcinogenicity:** Based on available data, the classification criteria are not met.
- ' **Reproductive toxicity:** Based on available data, the classification criteria are not met.
- ' **STOT-single exposure:** Based on available data, the classification criteria are not met.
- ' **STOT-repeated exposure:**
May cause damage to the respiratory system through prolonged or repeated exposure. Route of exposure: Inhalation.
- ' **Aspiration hazard:** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

' 12.1 Toxicity

' Aquatic toxicity:

128-37-0 Butylated hydroxytoluene

LC50 1,1 mg/l (fish)

EC50 0,48 mg/l (daphnia)

' **12.2 Persistence and degradability** No further relevant information available.

' **12.3 Bioaccumulative potential** No further relevant information available.

' **12.4 Mobility in soil** No further relevant information available.

' Additional ecological information:

' General notes:

Do not allow product to reach ground water, water course or sewage system.
Harmful to aquatic organisms

' 12.5 Results of PBT and vPvB assessment

' **PBT:** Not applicable.

' **vPvB:** Not applicable.

' **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

' 13.1 Waste treatment methods

' Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.
The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.

' Uncleaned packaging:

' **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

' 14.1 UN-Number

' DOT

Not Regulated

(Cont'd. on page 10)

Safety Data Sheet




according to 1907/2006/EC, 1272/2008/EC, and 2015/830/EC

Printing date: 25 October 2018

Revision: 25 October 2018

Trade name: French Vanilla

(Cont'd. from page 9)

' ADR, IMDG, IATA	UN1169
' 14.2 UN proper shipping name ' DOT ' ADR, IMDG, IATA	Not Regulated EXTRACTS, AROMATIC, LIQUID
' 14.3 Transport hazard class(es) ' DOT ' Class	Not Regulated
' ADR  ' Class ' Label	3 (F1) 3
' IMDG, IATA  ' Class ' Label	3 3
' 14.4 Packing group ' DOT ' ADR, IMDG, IATA	Not Regulated III
' 14.5 Environmental hazards: ' Marine pollutant:	No
' 14.6 Special precautions for user ' Danger code (Kemler): ' EMS Number:	Warning: Flammable liquids. 30 F-E,S-D
' 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
' Transport/Additional information: ' DOT	Classified as combustible under US DOT regulations. Labeling is only required for single packages ≥ 119 US gal / 450 L.
' ADR 	Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 L each.
' IMDG	

(Cont'd. on page 11)

Safety Data Sheet
according to 1907/2006/EC, 1272/2008/EC, and 2015/830/EC

Printing date: 25 October 2018

Revision: 25 October 2018

Trade name: French Vanilla

(Cont'd. from page 10)



Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 L each.

' IATA



Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 L each / 10 L net.

SECTION 15: Regulatory information

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

' IARC (International Agency for Research on Cancer)

None of the ingredients are listed.

' Directive 2012/18/EU

' Named dangerous substances - ANNEX I None of the ingredients are listed.

' Seveso category P5c FLAMMABLE LIQUIDS

' Qualifying quantity (tonnes) for the application of lower-tier requirements 5.000 t

' Qualifying quantity (tonnes) for the application of upper-tier requirements 50.000 t

' National regulations:

' Water hazard class: Water hazard class 2: hazardous for water.

' Other regulations, limitations and prohibitive regulations

' Substances of very high concern (SVHC) according to REACH, Article 57

None of the ingredients are listed.

' 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

' Relevant phrases

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

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.

H331 Toxic if inhaled.

H373 May cause damage to the respiratory system through prolonged or repeated exposure. Route of exposure: Inhalation.

(Cont'd. on page 12)

Safety Data Sheet

according to 1907/2006/EC, 1272/2008/EC, and 2015/830/EC

Printing date: 25 October 2018

Revision: 25 October 2018

Trade name: French Vanilla

(Cont'd. from page 11)

H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Abbreviations and acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bio-accumulable, Toxic
SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 2: Flammable liquids – Category 2
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Acute Tox. 3: Acute toxicity – Category 3
Skin Corr. 1B: Skin corrosion/irritation – Category 1B
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Skin Sens. 1: Skin sensitisation – Category 1
Skin Sens. 1A: Skin sensitisation – Category 1A
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

Sources

Website, European Chemicals Agency (echa.europa.eu)
Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/overview/home.do)
Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)
Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6
Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.
Safety Data Sheets, Individual Manufacturers

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