

Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: October 25, 2018

Revision: October 25, 2018

1 Identification

Product identifier

Trade name: **Woodland Strawberry**

Product code: FR8944

Recommended use and restriction on use

Recommended use: Fragrance

Restrictions on use: No relevant information available.

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

Emergency telephone number:

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

2 Hazard(s) identification

Classification of the substance or mixture

Flam. Liq. 3 H226 Flammable liquid and vapor.

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2A H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

Carc. 2 H351 Suspected of causing cancer.

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

Label elements

GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms:



GHS02 GHS07 GHS08

Signal word: Warning

Hazard statements:

H226 Flammable liquid and vapor.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H351 Suspected of causing cancer.

H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements:

P102 Keep out of reach of children.

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P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233	Keep container tightly closed.
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 mist, vapors, or spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear protective gloves and eye protection.
P303+P361+P353	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P370+P378	In case of fire: Use foam, powder, or carbon dioxide for extinction.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards There are no other hazards not otherwise classified that have been identified.**3 Composition/information on ingredients****Chemical characterization: Mixtures****Components:**

77-83-8	Ethyl methylphenylglycidate	10-20%
	⚠ Skin Sens. 1B, H317	
106-22-9	dl-Citronellol	1-10%
	⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1, H317	
60-12-8	Phenethyl alcohol	1-10%
	⚠ Acute Tox. 4, H302; Eye Irrit. 2A, H319	
134-20-3	Methyl anthranilate	1-10%
	⚠ Eye Irrit. 2A, H319	
140-11-4	Benzyl acetate	1-10%
78-70-6	Linalool	1-10%
	⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1B, H317 Flam. Liq. 4, H227	
115-95-7	Linalyl acetate	1-10%
	⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1B, H317 Flam. Liq. 4, H227	
119-61-9	benzophenone	1-10%
	⚠ Carc. 2, H351; STOT RE 2, H373	
123-66-0	Ethyl hexanoate	0-1%

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	Flam. Liq. 3, H226 Skin Irrit. 2, H315	
108-64-5	Ethyl isovalerate	0-1%
	Flam. Liq. 3, H226 Skin Irrit. 2, H315	
105-37-3	ethyl propionate	0-1%
	Flam. Liq. 2, H225 Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335	
7452-79-1	ethyl 2-methylbutyrate	0-1%
	Flam. Liq. 3, H226	
121-32-4	Ethyl vanillin	0-1%
	Eye Irrit. 2A, H319	
24720-09-0	(E)-1-(2,6,6-trimethyl-2-cyclohexen-1-yl)-2-buten-1-one	0-1%
	Acute Tox. 4, H302; Skin Sens. 1, H317	
5989-27-5	(R)-p-mentha-1,8-diene	0-1%
	Flam. Liq. 3, H226 Skin Irrit. 2, H315; Skin Sens. 1, H317	
127-51-5	alpha-iso-Methylionone	0-1%
	Eye Irrit. 2B, H320	
106-27-4	Isoamyl butyrate	0-1%
	Flam. Liq. 3, H226	
1365-19-1	linalool oxide	0-1%
	Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2A, H319 Flam. Liq. 4, H227	
101-84-8	Diphenyl ether	0-1%
	Eye Irrit. 2A, H319	
119-36-8	Methyl salicylate	0-1%
	Acute Tox. 4, H302	
141-12-8	neryl acetate	0-1%
	Skin Sens. 1B, H317	
103-45-7	Phenethyl acetate	0-1%
	Eye Dam. 1, H318	
128-37-0	Butylated hydroxytoluene	0-1%
93-92-5	alpha-Methylbenzyl acetate	0-1%
	Flam. Liq. 4, H227	
121-33-5	Vanillin	0-1%
	Eye Irrit. 2A, H319	
4940-11-8	Ethyl maltol	0-1%
	Acute Tox. 4, H302 Eye Irrit. 2B, H320	
123-86-4	n-butyl acetate	0-1%
	Flam. Liq. 3, H226 STOT SE 3, H336	
93-89-0	ethyl benzoate	0-1%
	Flam. Liq. 4, H227	
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Additional information:

For the listed ingredient(s), the identity and/or exact percentage(s) are being withheld as a trade secret.
For the wording of the listed Hazard Statements, refer to section 16.

4 First-aid measures**Description of first aid measures**

· **General information:** Immediately remove any clothing soiled by the product.

· **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:**

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:**

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; immediately call for medical help.

· **Most important symptoms and effects, both acute and delayed:**

Allergic reactions

Irritant to skin and mucous membranes.

Causes eye irritation.

· **Danger:** No relevant information available.

· **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 Ethyl methylphenylglycidate, dl-Citronellol, (E)-1-(2,6,6-trimethyl-2-cyclohexen-1-yl)-2-buten-1-one, (R)-p-mentha-1,8-diene. May produce an allergic reaction.

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

5 Fire-fighting measures**Extinguishing media**

· **Suitable extinguishing agents:**

Foam

Gaseous extinguishing agents

Carbon dioxide

Fire-extinguishing powder

Water fog / haze

· **For safety reasons unsuitable extinguishing agents:** Water stream.

· **Special hazards arising from the substance or mixture**

Flammable liquid and vapor.

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

· **Advice for firefighters**

· **Protective equipment:**

Wear self-contained respiratory protective device.

Wear fully protective suit.

· **Additional information:**

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Eliminate all ignition sources if safe to do so.
Cool endangered containers with water fog.
Use large quantities of foam as it is partially destroyed by the product.

6 Accidental release measures**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.

For large spills, wear protective clothing.

Environmental precautions

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

Do not allow product to reach sewage system or any water course.

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

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.

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.

7 Handling and storage**Handling****Precautions for safe handling:**

Prevent formation of aerosols.

Avoid splashes or spray in enclosed areas.

Use only in well ventilated areas.

Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Flammable gas-air mixtures may be formed in empty containers/receptacles.

Flammable liquid and vapor.

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 oxidizing agents.

Further information about storage conditions: Keep containers tightly sealed.**Specific end use(s)** No relevant information available.**8 Exposure controls/personal protection**

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Control parameters**Components with limit values that require monitoring at the workplace:****140-11-4 Benzyl acetate**

TLV (USA)	Long-term value: 61 mg/m ³ , 10 ppm
EL (Canada)	Long-term value: 10 ppm
EV (Canada)	Long-term value: 10 ppm
LMPE (Mexico)	Long-term value: 10 ppm
A4	

119-61-9 benzophenone

WEEL (USA)	Long-term value: 0.5 mg/m ³
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101-84-8 Diphenyl ether

PEL (USA)	Long-term value: 7 mg/m ³ , 1 ppm
REL (USA)	Long-term value: 7 mg/m ³ , 1 ppm
TLV (USA)	Short-term value: 14 mg/m ³ , 2 ppm Long-term value: 7 mg/m ³ , 1 ppm vapor fraction
EL (Canada)	Short-term value: 2 ppm Long-term value: 1 ppm
EV (Canada)	Short-term value: 14 mg/m ³ , 2 ppm Long-term value: 7 mg/m ³ , 1 ppm
LMPE (Mexico)	Short-term value: 2 ppm Long-term value: 1 ppm

128-37-0 Butylated hydroxytoluene

REL (USA)	Long-term value: 10 mg/m ³
TLV (USA) EL	Long-term value: 2* mg/m ³ *as inhalable fraction and vapor
(Canada) EV	Long-term value: 2 mg/m ³ vapour and inhalable aerosol
(Canada)	Long-term value: 2 mg/m ³ inhalable, vapour and aerosol
LMPE (Mexico)	Long-term value: 2 mg/m ³ A4, IFV

121-33-5 Vanillin

WEEL (USA)	Long-term value: 10 mg/m ³
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123-86-4 n-butyl acetate

PEL (USA)	Long-term value: 710 mg/m ³ , 150 ppm
REL (USA)	Short-term value: 950 mg/m ³ , 200 ppm Long-term value: 710 mg/m ³ , 150 ppm
TLV (USA)	Short-term value: 712 mg/m ³ , 150 ppm Long-term value: 238 mg/m ³ , 50 ppm
EL (Canada)	Long-term value: 20 ppm
EV (Canada)	Short-term value: 950 mg/m ³ , 200 ppm

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LMPE (Mexico)	Long-term value: 710 mg/m ³ , 150 ppm
	Short-term value: 200 ppm
	Long-term value: 150 ppm

Exposure controls

General protective and hygienic measures:

- The usual precautionary measures for handling chemicals should be followed.
- 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.
- Avoid contact with the eyes and skin.

Engineering controls: Provide adequate ventilation.

Breathing equipment: Not required under normal conditions of use.

Protection of hands:



Protective gloves

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

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 relevant information available.

Risk management measures No relevant information available.

9 Physical and chemical properties

Information on basic physical and chemical properties

Appearance:

Form:	Liquid
Color:	According to product specification
Odor:	Pleasant
Odor threshold:	Not determined.

pH-value: Not determined.

Melting point/Melting range: Not determined.

Boiling point/Boiling range: Not determined.

Flash point: 45-60 °C (113-140 °F) (Estimated Range)

Flammability (solid, gaseous): Not applicable.

Auto-ignition temperature: >260 °C (>500 °F)

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· Decomposition temperature:	Not determined.
· Danger of explosion:	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
· Explosion limits Lower: Upper:	Not determined. Not determined.
· Oxidizing properties:	Not determined.
· Vapor pressure:	Not determined.
· Density: · Relative density: · Vapor density: · Evaporation rate:	Not determined. Not determined. Not determined. Not determined.
· Solubility in / Miscibility with Water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity Dynamic: Kinematic:	Not determined. Not determined.
· Other information	No relevant information available.

10 Stability and reactivity

- **Reactivity:** No relevant information available.
- **Chemical stability:** Stable under normal temperatures and pressures.
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions**
Flammable liquid and vapor.
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 atomized.
- **Conditions to avoid** Keep ignition sources away - Do not smoke.
- **Incompatible materials** Oxidizing agents
- **Hazardous decomposition products**
Under fire conditions only:
Carbon monoxide and carbon dioxide

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:** Based on available data, the classification criteria are not met.

· **LD/LC50 values that are relevant for classification:**· **ATE (Acute Toxicity Estimate)**

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Oral	LD50	>5000 mg/kg (nsp)
Dermal	LD50	>5000 mg/kg (nsp)

77-83-8 Ethyl methylphenylglycidate

Oral	LD50	3540-4620 mg/kg (rat)
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103-37-7 benzyl butyrate

Oral	LD50	2330 mg/kg (rat)
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Dermal	LD50	>5000 mg/kg (rabbit)
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106-22-9 dl-Citronellol

Oral	LD50	3450 mg/kg (rat)
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Dermal	LD50	2650 mg/kg (rabbit)
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5471-51-2 4-(p-Hydroxyphenyl)-2-butanone

Oral	LD50	1320 mg/kg (rat)
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119-61-9 benzophenone

Oral	LD50	>10000 mg/kg (rat)
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Dermal	LD50	3535 mg/kg (rabbit)
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14901-07-6 beta-Ionone

Oral	LD50	4590 mg/kg (rat)
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5989-27-5 (R)-p-mentha-1,8-diene

Oral	LD50	>2000 mg/kg (rat, female)
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127-51-5 alpha-iso-Methylionone

Oral	LD50	>5000 mg/kg (rat)
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1365-19-1 linalool oxide

Oral	LD50	1150 mg/kg (rat)
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101-84-8 Diphenyl ether

Oral	LD50	3370 mg/kg (rat)
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119-36-8 Methyl salicylate

Oral	LD50	887 mg/kg (rat)
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128-37-0 Butylated hydroxytoluene

Oral	LD50	>6000 mg/kg (rat)
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Dermal	LD50	>2000 mg/kg (rat)
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4940-11-8 Ethyl maltol

Oral	LD50	1150 mg/kg (rat)
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80-26-2 alpha-Terpineol acetate

Oral	LD50	4160-6190 mg/kg (rat)
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Primary irritant effect:

- **On the skin:** Irritant to skin and mucous membranes.

- **On the eye:** Irritating effect.

- **Sensitization:** Sensitization possible through skin contact.

IARC (International Agency for Research on Cancer):

119-61-9	benzophenone
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2B

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· NTP (National Toxicology Program):

None of the ingredients are listed.

· OSHA-Ca (Occupational Safety & Health Administration):

None of the ingredients are listed.

· Probable route(s) of exposure:

Ingestion.

Inhalation.

Eye contact.

Skin contact.

12 Ecological information**· Toxicity****· Aquatic toxicity**

Toxic for aquatic organisms

77-83-8 Ethyl methylphenylglycidate

LC50 4.2 mg/l (Oncorhynchus mykiss) (96h OECD Guideline 203)

5989-27-5 (R)-p-mentha-1,8-diene

LC50 <1 mg/l (pimephales promelas)

EC50 0.307 mg/l (daphnia)

127-51-5 alpha-iso-Methylionone

EC50 (static) 1.45 mg/l (daphnia)

128-37-0 Butylated hydroxytoluene

LC50 1.1 mg/l (fish)

EC50 0.48 mg/l (daphnia)

80-26-2 alpha-Terpineol acetate

LC50 >11 mg/l (pimephales promelas)

· Persistence and degradability No relevant information available.**· Bioaccumulative potential:** No relevant information available.**· Mobility in soil:** No relevant information available.**· Ecotoxicological effects:****· Remark:** Toxic for fish**· Additional ecological information****· General notes:** Do not allow product to reach ground water, water course or sewage system.**· Results of PBT and vPvB assessment****· PBT:** Not applicable.**· vPvB:** Not applicable.**· Other adverse effects** No relevant information available.**13 Disposal considerations****· Waste treatment methods****· Recommendation:**

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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.

Uncleaned packagings

Recommendation: Disposal must be made according to official regulations.

14 Transport information

UN-Number

DOT

Not regulated.

ADR, IMDG, IATA

UN1169

UN proper shipping name

DOT

Not regulated.

ADR, IMDG, IATA

EXTRACTS, AROMATIC, LIQUID

Transport hazard class(es)

DOT

Class

Not regulated.

ADR



Class

3 (F1)

Label

3

IMDG, IATA



Class

3

Label

3

Packing group

DOT

Not regulated.

ADR, IMDG, IATA

III

Environmental hazards

Product contains environmentally hazardous substances: Ethyl methylphenylglycidate, d-limonene

Marine pollutant:



Yes

Special precautions for user

Warning: Flammable liquids

Danger code (Kemler):

30

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EMS Number: F-E,S-D**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.**Transport/Additional information:****DOT****Remarks:**

Transport labeling is not required for non-bulk single package shipments by motor vehicle, rail car or aircraft. Bulk packaging consists of a maximum capacity of greater than 450L (119 gallons) for a liquid and a maximum net mass greater than 400kg (882 pounds) for a solid.

ADR

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

Marine pollutants packaged in single or combination packagings containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 kg or less for solids are not subject to provisions relevant to marine pollutants. (See 5.2.1.8.1)

IMDG

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

Marine pollutants packaged in single or combination packagings containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 kg or less for solids are not subject to provisions relevant to marine pollutants. (See 2.10.2.7)

IATA

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

15 Regulatory information**Safety, health and environmental regulations/legislation specific for the substance or mixture****United States (USA)****SARA****Section 302 (extremely hazardous substances):**

None of the ingredients are listed.

Section 355 (extremely hazardous substances):

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None of the ingredients are listed.

Section 313 (Specific toxic chemical listings):

None of the ingredients are listed.

TSCA (Toxic Substances Control Act)

All ingredients are listed.

Proposition 65 (California)**Chemicals known to cause cancer:**

119-61-9 benzophenone

Chemicals known to cause developmental toxicity for females:

None of the ingredients are listed.

Chemicals known to cause developmental toxicity for males:

None of the ingredients are listed.

Chemicals known to cause developmental toxicity:

None of the ingredients are listed.

EPA (Environmental Protection Agency):

None of the ingredients are listed.

IARC (International Agency for Research on Cancer):

119-61-9 benzophenone

2B

Canadian Domestic Substances List (DSL) (Substances not listed.):

All ingredients are listed.

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.

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

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

vPvB: very Persistent and very Bioaccumulative

OSHA: Occupational Safety & Health Administration

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids – Category 3

Flam. Liq. 4: Flammable liquids – Category 4

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

Eye Irrit. 2B: Serious eye damage/eye irritation – Category 2B

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1B: Skin sensitisation – Category 1B

Carc. 2: Carcinogenicity – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

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STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

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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

SDS Prepared by:

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