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Material Safety Data Sheet

Product Name: Home Fragrance Fig and Cassis Diffuser Refill

Supplier code: C81645

Article create code: 30196759

Barcode: 5054077305792

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SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT USE: Air freshener/Decorative Diffuser Refill

SUPPLIER ADDRESS: Williams (HS) Limited, Sage House, **Bowden Hey Road**, Chapel-en-le-frith, High Peak. SK23 0QZ

INFORMING DEPARTMENT: Technical Department

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SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flammable liquids Category 3 - (H226)

Skin corrosion/irritation Category 2 - (H315)

Serious eye damage/eye irritation Category 1 - (H318)

Skin sensitization Category 1 - (H317)

Chronic aquatic toxicity Category 3 - (H412)

2.2. Label elements

Symbols/Pictograms



Signal word

Danger

Hazard Statements

H226 - Flammable liquid and vapor

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H318 - Causes serious eye damage

H412 - Harmful to aquatic life with long lasting effects

Precautionary Statements

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking
 P241 - Use explosion-proof electrical/ ventilating/ lighting/ equipment
 P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
 P310 - Immediately call a POISON CENTER or doctor/physician
 P264 - Wash face, hands and any exposed skin thoroughly after handling
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 P272 - Contaminated work clothing should not be allowed out of the workplace
 P280 - Wear protective gloves/protective clothing/eye protection/face protection
 P403 + P235 - Store in a well-ventilated place. Keep cool
 P501 - Dispose of contents/ container to an approved waste disposal plant

2.3. Other hazards

No information available.

SECTION 3.COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixture

Chemical Name		EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Water		231-791-2	7732-18-5	50	Not classified
surfactant		-	68131-39-5	15	Eye Dam. 1 (H318) Aquatic Acute 1 (H400) Aquatic Chronic 3 (H412)
Alcohol		200-578-6	64-17-5	15	Flam. Liq. 2 (H225)
Dipropylene glycol methyl ether acetate		406-880-6	88917-22-0	10	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) STOT SE 3 (H335)
EFF261652	1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone	259-174-3	54464-57-2	2.415	Skin sens 1 (H317) Aquatic Chronic 2 (H411)
	Aldehyde C14	203-225-4	104-67-6	0.222	Aquatic Chronic 2 (H411)
	(E)-3-methyl-4-(2,6,6-trimethyl-1-cyclohex-2-enyl)but-3-en-2-one	204-846-3	127-51-5	0.159	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Skin sens 1 (H317) Eye Irrit. 2B (H320) Aquatic Chronic 2 (H411)
	(E)-4-(2,6,6-trimethyl-1-cyclohexenyl)but-3-en-2-one	238-969-9	14901-07-6	0.148	Aquatic Chronic 2 (H411)
	Hexyl Cinnamal	202-983-3	101-86-0	0.119	Skin sens 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411)

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

General advice

Remove contaminated clothing and shoes. If symptoms persist, call a physician.

Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

Skin Contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.

Eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion

Rinse mouth. Get medical attention. Never give anything by mouth to an unconscious person.

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

No information available.

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

Treat symptomatically.

SECTION 5. FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

Dry chemical, CO₂ or water spray.

Unsuitable extinguishing media

No information available.

5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

5.3. Advice for firefighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Remove all sources of ignition. Avoid contact with skin, eyes and inhalation of vapors. Use personal protection recommended in Section 8.

6.2. Environmental precautions

Local authorities should be advised if significant spillages cannot be contained. Prevent entry into waterways, sewers, basements or confined areas.

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

6.4. Reference to other sections

See Section 7 for more information

See section 8 for more information

See section 13 for more information

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes or clothing. Wash contaminated clothing before reuse. Take precautionary measures against static discharges. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Use personal protection recommended in Section 8.

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat. Keep locked up and out of reach of children. Store in accordance with local regulations.

7.3. Specific end use(s)

Apart from the uses mentioned in SECTION 1.2 no other specific uses are stipulated.

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1. Control parameters

Chemical Name	Australia	Austria	Belgium	Denmark	European Union
Alcohol (CAS #: 64-17-5)	1000 ppm 1880 mg/m ³	STEL 2000 ppm STEL 3800 mg/m ³ TWA: 1000 ppm TWA: 1900 mg/m ³	-	TWA: 1000 ppm TWA: 1900 mg/m ³	-

Chemical Name	Latvia	France	Finland	Germany	Italy
Alcohol (CAS #: 64-17-5)	TWA: 1000 mg/m ³	TWA: 1000 ppm TWA: 1900 mg/m ³ STEL: 5000 ppm STEL: 9500 mg/m ³	TWA: 1000 ppm TWA: 1900 mg/m ³ STEL: 1300 ppm STEL: 2500 mg/m ³	TWA: 500 ppm TWA: 960 mg/m ³ Ceiling / Peak: 1000 ppm Ceiling / Peak: 1920 mg/m ³ Skin	-

Chemical Name	Poland	Portugal	Spain	Switzerland	Netherlands
Alcohol (CAS #: 64-17-5)	TWA: 1900 mg/m ³	TWA: 1000 ppm	STEL: 1000 ppm STEL: 1910 mg/m ³ TWA: 1000 ppm TWA: 1910 mg/m ³	STEL: 1000 ppm STEL: 1920 mg/m ³ TWA: 500 ppm TWA: 960 mg/m ³	Skin STEL: 1900 mg/m ³ TWA: 260 mg/m ³

Chemical Name	Norway	United Kingdom	ACGIH TLV	OSHA PEL	NIOSH IDLH
Alcohol (CAS #: 64-17-5)	TWA: 500 ppm TWA: 950 mg/m ³ STEL: 500 ppm STEL: 950 mg/m ³	STEL: 3000 ppm STEL: 5760 mg/m ³ TWA: 1000 ppm TWA: 1920 mg/m ³	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m ³	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m ³

Derived No Effect Level (DNEL)

No information available

Predicted No Effect Concentration (PNEC)

No information available

8.2. Exposure controls

Engineering Controls

Use with local exhaust ventilation

Ensure adequate ventilation, especially in confined areas

Personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Hand Protection Wear protective gloves.

Skin and body protection Suitable protective clothing.

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

Environmental exposure controls

Do not allow into any sewer, on the ground or into any body of water.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Color	No information available
Odor	Characteristic
Odor Threshold	Not determined
pH	Not determined
Melting point/freezing point	Not determined
Boiling point / boiling range	Not determined
Flash point	27°C
Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
Flammability Limit in Air	Not determined
Vapor Pressure	Not determined
Vapor density	Not determined
Density	Not determined
Relative density	Not determined
Water solubility	Not determined
Partition coefficient (LogPow)	Not determined
Autoignition temperature	Not determined
Decomposition temperature	Not determined
Kinematic viscosity	Not determined
Dynamic viscosity	Not determined
Explosive properties	Not an explosive
Oxidizing properties	Not determined

9.2. Other information

No information available

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity No information available.

10.2. Chemical stability Stable under normal conditions

10.3. Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Heat, flames and sparks.

10.5. Incompatible materials

Strong oxidizing agents. Strong acids. Strong bases.

10.6. Hazardous decomposition products

None under normal use conditions.

SECTION 11. TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects****Acute toxicity**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water (CAS #: 7732-18-5)	> 89800 mg/kg (Rat)	-	-

surfactant (CAS #: 68131-39-5)	= 1600 mg/kg (Rat) = 2 g/kg (Rat)	= 2500 mg/kg (Rabbit)	-
Alcohol (CAS #: 64-17-5)	= 7060 mg/kg (Rat)	-	= 124.7 mg/L (Rat) 4 h
Aldehyde C14 (CAS #: 104-67-6)	> 2000 mg/kg bw (rat);	-	-
(E)-4-(2,6,6-trimethyl-1-cyclohexenyl)but-3-en-2-one (CAS #: 14901-07-6)	= 4590 mg/kg (Rat)	-	-
Hexyl cinnamic (CAS #: 101-86-0)	= 3100 mg/kg (Rat)	> 3000 mg/kg (Rabbit)	-

Skin corrosion/irritation

Causes skin irritation

Serious eye damage/eye irritation

Causes serious eye damage

Sensitization

May cause an allergic skin reaction

Germ cell mutagenicity

No information available.

Carcinogenicity

Chemical Name	European Union	IARC
Alcohol (CAS #: 64-17-5)	-	Group 1

Reproductive toxicity

No information available.

STOT - single exposure

No information available

STOT - repeated exposure

No information available

Aspiration hazard

No information available.

SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity

Chemical Name	Algae/aquatic plants EC50	Fish LC50	Crustacea EC50
Alcohol (CAS #: 64-17-5)	-	12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static 100: 96 h Pimephales promelas mg/L LC50 static 13400 - 15100: 96 h Pimephales promelas mg/L LC50 flow-through	9268 - 14221: 48 h Daphnia magna mg/L LC50 10800: 24 h Daphnia magna mg/L EC50 2: 48 h Daphnia magna mg/L EC50 Static

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

Chemical Name	Partition coefficient (LogPow)
Alcohol (CAS #: 64-17-5)	-0.32

12.4. Mobility in soil

No information available

12.5. Results of PBT and vPvB assessment

PBT/vPvB assessment information is not available as chemical safety assessment not conducted.

12.6. Other adverse effects

No information available

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from residues/unused products Disposal should be in accordance with applicable regional, national and local laws and regulations
Contaminated packaging Disposal should be in accordance with applicable regional, national and local laws and regulations

SECTION 14. TRANSPORT INFORMATION

14.1 UN Number	1266
14.2 Proper shipping name	PERFUMERY PRODUCTS with flammable solvents
14.3 Hazard Class	3
14.4 Packing Group	III
14.5 Environmental hazards	Not applicable
14.6 Special precautions	No information available
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable

SECTION 15. REGULATORY INFORMATION

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

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Take note of Directive 94/33/EC on the protection of young people at work

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

International Inventories

Component	TSCA	DSL/NDSL	EINECS/EL INCS	ENCS	IECSC	KECL	PICCS	AICS
Water 7732-18-5 (50)	X	X	X	-	X	X	X	X
Surfactant 68131-39-5 (15)	X	X	-	X	X	X	X	X
Alcohol 64-17-5 (15)	X	X	X	X	X	X	X	X
Dipropylene glycol methyl ether acetate 88917-22-0 (10)	X	X	X	X	X	X	X	X
1-(1,2,3,4,5,6,7,8- Octahydro-2,3,8,8- tetramethyl-2- naphthalenyl)ethan one 54464-57-2 (2.415)	X	X	X	X	X	X	X	X
Aldehyde C14 104-67-6 (0.222)	X	X	X	X	X	X	X	X
(E)-3-methyl-4- (2,6,6-trimethyl-1- cyclohex-2- enyl)but-3-en-2-one 127-51-5 (0.159)	X	X	X	X	X	X	X	X
(E)-4-(2,6,6- trimethyl-1- cyclohexenyl)but-3- en-2-one 14901-07- 6 (0.148)	X	X	X	X	X	X	X	X
Hexyl cinnamic 101-86-0 (0.119)	X	X	X	X	X	X	X	X

"-" Not Listed

"X" Listed

15.2. Chemical safety assessment

No information available

SECTION 16. OTHER INFORMATION

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

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Revision Note Not applicable

Key or legend to abbreviations and acronyms used in the safety data sheet

TWA - TWA (time-weighted average)

STEL - STEL (Short Term Exposure Limit)

Ceiling - Maximum limit value

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

Full text of H-Statements referred to under section 3

H225 - Highly flammable liquid and vapor

H318 - Causes serious eye damage

H400 - Very toxic to aquatic life

H412 - Harmful to aquatic life with long lasting effects

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H335 - May cause respiratory irritation

H317 - May cause an allergic skin reaction

H411 - Toxic to aquatic life with long lasting effects

H320 - Causes eye irritation

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