



Safety Datasheet

01

Chemical Product and Company Identification

Trade name:	air freshener - Cherry
Chemical abstract number:	N/A
Chemical family:	Mixture
NIOSH number:	N/A
UN number:	N/A

02

COMPANY INFORMATION

Manufacturers Name:	V-Worx (Pty) Ltd
Address:	Cosmo Business Park, Unit 66, Cosmo City, Johannesburg
Telephone Number	010 446 9891
Fax:	086 687 2549
e-Mail:	info@v-worx.co.za
Website:	www.v-worx.co.za

03

HAZARDOUS IDENTIFICATION

Skin corrosion/irritation, Category 2	H315
Hazardous to the aquatic environment - Acute Hazard	Not classified
Hazardous to the aquatic environment - Chronic Hazard	Not classified
Full text of H statements : see section 16	

T: 010 446 9891 | F: 086 687 2549 | info@v-worx.co.za | www.v-worx.co.za | Reg: 2016/238210/07

Cosmo Business Park, Unit 66, Cosmo City, Johannesburg, **Gauteng** | Hans Merensky Estate, Lodge 218, Phalaborwa, **Limpopo** | 16 John Chard, Bramwag, **Free State**
Matlosana Mall, Shop no 136, Joe Slovo Road, Klerksdorp, **North West**

Director | M.E Mabe

03

HAZARDOUS IDENTIFICATION

Hazard pictograms (GHS-ZA)



GHS07

Signal word (GHS-ZA)

: Warning

Hazardous ingredients

: Ethyl butyrate; ethyl methylphenylglycidate; Cis-hex-3-en-1-ol; Ethyl isovalerate; 2-ethyl-3-hydroxy-4-pyrone; Methyl cinnamate

Hazard statements (GHS-ZA)

: H315 - Causes skin irritation.

Precautionary statements (GHS-ZA)

: P264 - Wash hands, forearms and face thoroughly after handling.
P280 - Wear eye protection, protective clothing, protective gloves.
P302+P352 - IF ON SKIN: Wash with plenty of water.
P321 - Specific treatment (see supplemental first aid instruction on this label).
P332+P313 - If skin irritation occurs: Get medical advice.
P362+P364 - Take off contaminated clothing and wash it before reuse.

04

COMPOSITION/INFORMATION ON INGREDIENTS

Name	Product identifier	%	Classification according to the United Nations GHS
Ethyl butyrate		5.0 - 10.0	Flam. Liq. 3, H226 Acute Tox. Not classified (Oral) Acute Tox. Not classified (Dermal) Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
ethyl methylphenylglycidate	(CAS-No.) 77-83-8	5.0 - 10.0	Flam. Liq. Not classified Acute Tox. Not classified (Oral) Acute Tox. 5 (Dermal), H313 Aquatic Acute 2, H401
Cis-hex-3-en-1-ol	(CAS-No.) 928-96-1	5.0 - 10.0	Flam. Liq. 3, H226 Acute Tox. 5 (Oral), H303 STOT RE Not classified Aquatic Acute 3, H402
Ethyl isovalerate		1.0 - 5.0	Flam. Liq. 2, H225 Acute Tox. 5 (Oral), H303 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Aquatic Acute 2, H401 Aquatic Chronic 2, H411

04 COMPOSITION/INFORMATION ON INGREDIENTS

2-ethyl-3-hydroxy-4-pyrone		1.0 - 5.0	Acute Tox. 4 (Oral), H302 Acute Tox. 5 (Dermal), H313 Aquatic Acute 1, H400
Methyl cinnamate	(CAS-No.) 103-26-4	1.0 - 5.0	Acute Tox. 5 (Oral), H303 Acute Tox. Not classified (Dermal) Aquatic Acute 2, H401

05 FIRST AID MEASURES

Description of first aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.

Most important symptoms and effects, both acute and delayed

Symptoms/effects after skin contact : Irritation.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

05 FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam.

Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment.
Self-contained breathing apparatus. Complete protective clothing.

06

ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

No additional information available

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product.

Other information : Dispose of materials or solid residues at an authorized site.

07

HANDLING AND STORAGE

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

08

EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment (PPE)

Hand protection : Protective gloves

Eye protection : Safety glasses

Skin and body protection : Wear suitable protective clothing

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

8.4. Exposure limit values for the other components

No additional information available

09

PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Solid.
Colour	: Yellow.
Odour	: Cherry.
Odour threshold	: No data available
pH	: No data available
pH solution	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Vapour pressure at 50 °C	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Relative density of saturated gas/air mixture	: No data available
Density	: No data available
Relative gas density	: No data available
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: Not applicable

10 STABILITY AND REACTIVITY

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).|

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Ethyl butyrate

LD50 oral rat	≈ 2000 mg/kg
LD50 dermal rat	≈ 2000 mg/kg

ethyl methylphenylglycidate (77-83-8)

LD50 oral rat	5470 mg/kg (Rat, Male / female, Weight of evidence, Oral, 14 day(s))
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal)

Cis-hex-3-en-1-ol (928-96-1)

LD50 oral rat	4615 mg/kg bodyweight Animal: rat, 95% CL: 4045 - 6265
LC50 inhalation rat (mg/l)	> 4.99 mg/l air Animal: rat, Guideline: OECD Guideline 436 (Acute Inhalation Toxicity: Acute Toxic Class Method)

Ethyl isovalerate

LD50 oral rat	≈ 5000 mg/kg
LD50 dermal rat	≈ 2000 mg/kg

2-ethyl-3-hydroxy-4-pyrone

LD50 oral	≈ 1220 mg/kg
LD50 dermal rabbit	≈ 5000 mg/kg

Methyl cinnamate (103-26-4)

LD50 oral rat	2610 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 2000 - 3410
LD50 dermal rabbit	> 5000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

11 TOXICOLOGICAL INFORMATION

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified

According to SANS 10234:2008 and SANS 11014:2010

Cis-hex-3-en-1-ol (928-96-1)	
NOAEL (oral, rat, 90 days)	1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Aspiration hazard	: Not classified

12 ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified.
Hazardous to the aquatic environment, long-term (chronic)	: Not classified.

Ethyl butyrate	
Log Kow	≈ 1.346
Log Pow	≈ 2.433
ethyl methylphenylglycidate (77-83-8)	
LC50 fish 1	4.2 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Semi-static system, Fresh water, Experimental value, GLP)
ErC50 (algae)	36 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)
Log Pow	2.4 - 2.8 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 25 °C)
Log Koc	2.34 - 2.74 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)

12

ECOLOGICAL INFORMATION

Cis-hex-3-en-1-ol (928-96-1)

LC50 fish 1	> 100 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 Daphnia 1	> 100 mg/l Test organisms (species): Daphnia magna
EC50 72h algae (1)	> 76 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

Ethyl isovalerate

LC50 fish 1	≈ 8.45 mg/l
EC50 72h algae (1)	75.3 - 124 mg/l

2-ethyl-3-hydroxy-4-pyrone

LC50 fish 1	≈ 85 mg/l
EC50 other aquatic organisms 1	≈ 27 mg/l
EC50 72h algae (1)	≈ 7.2 mg/l

Methyl cinnamate (103-26-4)

LC50 fish 1	2.76 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 Daphnia 1	24 mg/l Test organisms (species): Daphnia magna
EC50 72h algae (1)	7.6 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

12.2. Persistence and degradability

Sheen car air freshener - Cherry

Persistence and degradability	No additional information available
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ethyl methylphenylglycidate (77-83-8)

Persistence and degradability	Not readily biodegradable in water.
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12.3. Bioaccumulative potential

Sheen car air freshener - Cherry

Bioaccumulative potential	No additional information available
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Ethyl butyrate

Log Pow	See section 12.1 on ecotoxicology
Log Kow	See section 12.1 on ecotoxicology

ethyl methylphenylglycidate (77-83-8)

Log Pow	See section 12.1 on ecotoxicology
Log Koc	See section 12.1 on ecotoxicology
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

12.4. Mobility in soil

Sheen car air freshener - Cherry

Mobility in soil	No additional information available
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Ethyl butyrate

Log Pow	See section 12.1 on ecotoxicology
Log Kow	See section 12.1 on ecotoxicology

ethyl methylphenylglycidate (77-83-8)

Surface tension	59 N/m (19.6 °C, 0.79 g/l, OECD 115: Surface Tension of Aqueous Solutions)
Log Pow	See section 12.1 on ecotoxicology
Log Koc	See section 12.1 on ecotoxicology
Ecology - soil	Low potential for adsorption in soil.

12.5. Other adverse effects

Ozone	: Not classified
Other adverse effects	: No additional information available

13 DISPOSAL CONSIDERATIONS

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

14 TRANSPORT INFORMATION

In accordance with SANS / IMDG / IATA

SANS	IMDG	IATA
14.1. UN number		
Not regulated for transport		
14.2. Proper Shipping Name		
Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)		
Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable
14.4. Packing group		
Not applicable	Not applicable	Not applicable
14.5. Environmental hazards		
Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available		

14.6. Special precautions for user

- SANS

No data available

- IMDG

No data available

- IATA

No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable



Revision date: 08/02/2021

15 REGULATORY INFORMATION

15.1. Safety, health, and environmental national regulations specific for the product

No additional information available

15 OTHER INFORMATION

15.1. Safety, health, and environmental national regulations specific for the product

No additional information available

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H303	May be harmful if swallowed
H312	Harmful in contact with skin.
H313	May be harmful in contact with skin
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H411	Toxic to aquatic life with long lasting effects.