

SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 (as amended)

-SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY / UNDERTAKING

1.1 Identification of the substance or preparation

- Product Name: **Minibini Lemon Verbena**
- Product Code: **MV-OEM**
- Fragrances: Lemon Verbena / Squash (#SC359016)

1.2 Use of the substance /product

Bin Freshener

1.3 Company /undertaking identification

- Company Name: Think Product Lab US Inc.
- Address: 7845 Colony Road, Suite C4218, Charlotte NC 28226
- Telephone: 828-675-2770 Fax: 877-922-2842
- Website: www.minibini.com

1.4 Emergency telephone

Association/ Organization: 828-675-2770 / 1-800-270-6394

-SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

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

Combustible liquid	– Category 4	H227
Aspiration Hazard	– Category 1	H304
Skin Sensitization	– Category 1	H317
Eye Irritation	– Category 2	H319
Environmental Hazard (chronic)	– Category 2	H411

2.1.2 Product Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Hazard Symbol: Xn, N

Risk Phrase:

- R36, Irritating to eyes.
- R43, May cause sensitization by skin contact.
- Scented oil contains Citronellal may cause sensitization by skin contact.
- R51/53, Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R65, Harmful: may cause lung damage if swallowed.

2.1.3 Additional information

Full text or R- and S-phrases: see section 16

2.2 Label elements



Warning



Warning



Danger

Hazard Statements

H227	Combustible liquid
H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction.
H411	Toxic to aquatic life with long lasting effects

Precautionary Statements - EU (§28, 1272/2008)

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children
P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P264	Wash ... thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303 + P361 + P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305 + P351 + R338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P331	Do NOT induce vomiting.
P332 + P313	If skin irritation occurs: Get medical advice / attention.
P337 + R313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P370 + P378	In case of fire: Use ... for extinction.
P391	Collect spillage.
P501	Dispose of contents/container to ...

2.3 Other Hazards

None known

-SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture of aromatic substances.

Contains:

Chemical Name	CAS-No EC-No	Classification (67/548/EEC)	Classification (Regulation (EU) No 1272/2008)	Conc. Range in the Finished Product (%)
3-Methoxy-3-Methylbutan-1-Ol	56539-66-3 260-252-4	Xi – R36	Eye Irrit. 2 H319	25~50
Alkanes, C9 - 12 - Iso -	64742-48-9 265-150-3	Xn – R10-65	Flam. Liq. 3 H226 Asp. Tox. 1 H304	10~20
Decanal	112-31-2 203-957-4	Xi – R38-52/53	Skin Irrit.2 H315 Aquatic Chronic 3 H412	5~10
Isopentyl Salicylate	2050-08-0 218-080-2	N – R50/53	Aquatic Acute 1 H400 Aquatic Chronic 1 H410	2.5~10
2,6-Dimethyloct-7-En-2-Ol	18479-58-8 242-362-4	Xi – R38	Skin Irrit.2 H315	3~10
Octanal	124-13-0 204-683-8	Xi – R10-36/38-52/53	Flam. Liq. 3 H226 Eye Irrit. 2 H319 Skin Irrit.2 H315 Aquatic Chronic 3 H412	3~5
3A,4,5,6,7,7A-Hexahydro-4,7 -Methano-1H-Indenyl Acetate	54830-99-8 911-369-0	R52/53	Aquatic Chronic 3 H412	0.25~2.50
2,6-Dimethylheptan-2-Ol	13254-34-7 236-244-1	Xi – R36/38	Eye Irrit. 2 H319 Skin Irrit.2 H315	1~3

Citronellal	106-23-0 203-376-6	Xi N – R38-43-51/53	Skin Irrit.2 H315 Skin Sens. 1 H317 Aquatic Chronic 2 H411	1~2.5
Ethyl 2-Naphthyl Ether	93-18-5 202-226-7	Xi N – R38-51/53	Skin Irrit.2 H315 Aquatic Chronic 2 H411	0.25~1.00
Geranyl Acetate	105-87-3 203-341-5	N – R51/53	Aquatic Chronic 2 H411	0.25~2.50
2-Tert-Butylcyclohexyl Acetate	88-41-5 201-828-7	N – R51/53	Aquatic Chronic 2 H411	0.25~2.50
1-(2,6,6-Trimethyl-3-Cyclohexe n-1-Yl)-2-Buten-1-One	57378-68-4 260-709-8	Xn N – R22-38-43-50/53	Acute Tox. 4 H302 Skin Irrit.2 H315 Skin Sens. 1 H317 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	0.25~1.00
Undecanal	112-44-7 203-972-6	Xi N – R38-51/53	Skin Sens. 1 H317 Aquatic Chronic 2 H411	0~0.25

-SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	Remove person to fresh air. If signs/symptoms continue, get medical attention. Keep at rest.
Skin contact	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If symptoms persist, call a physician.
Eye contact	Rinse thoroughly with copious amounts of water for at least 15 minutes. Consult a physician if irritation persists.
Ingestion	Rinse mouth with water. Obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Most Important Symptoms/Effects See above

4.3 Indication of immediate medical attention and special treatment needed

Notes to physician Treat symptomatically

-SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂), Dry chemical, Use extinguishing measures that are appropriate to local circumstances and the surrounding environment, Alcohol-resistant foam, Water mist.

Extinguishing media which shall not be used for safety reasons:

Do not use a solid water stream as it may scatter and spread fire.

5.2 Special hazard arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke)

5.3 Advice for firefighters

Special protective equipment for fire-fighters

As in any fire, wear self-contained breathing apparatus and full protective gear.

-SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precaution, protective equipment and emergency procedures

Ensure adequate ventilation. In compliance with good manufacturing practices, do not eat, drink or smoke when handling chemicals. Avoid inhalation, ingestion and contact with skin and eyes. Wear

full protective clothing and self-contained breathing apparatus.

6.2 Environmental precautions

Do not allow contact with soil, surface or ground water. Prevent product from entering drains.

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 Sections 8 and 13 for additional information.

-SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid direct contact with skin and eyes.
 Do not ingest or apply to the skin as such.
 Good personal washing routines should be followed.
 Keep away from ignition sources and naked flame.
 Always practice good housekeeping and hygienic measures.

7.2 Storage

Store in cool dry place and away from heat sources.

7.3 Specific end use(s)

Not available at this time.

-SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTON

8.1 Control Parameters

Derived No Effect Level (DNEL)	Cannot be identified at this time.
Predicted No Effect Concentration(PNEC)	Cannot be derived at this time.

8.2 Exposure control

Engineering measures:	Ensure adequate ventilation, especially in confined areas
Personal protective equipment	
Eye protection :	Safety glasses with side-shields
Skin and body protection:	Wear impervious gloves and/or clothing if needed to prevent contact with the material
Respiratory protection :	None required under normal usage. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
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-SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Clear Liquid
Color	Colorless to Light Yellow
Odor	Squash
Flashpoint	66°C

Vapour pressure (Pa)	N/A
Relative density	0.8922
Refractive Index	1.4354

-SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reaction known under conditions of normal use. Keep away from oxidizing agents and strongly acid or alkaline materials.

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. Extremes of temperature and direct sunlight.

10.5 Incompatible materials

Strong oxidizing agents, Strong acids, Strong bases

10.6 Hazardous decomposition products

Under conditions giving incomplete combustion, hazardous gases produced may consist of Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke)

-SECTION 11: TOXICOLOGICAL INFORMATION

The health hazards are assessed based on the ingredients in this fragrance composition and their concentrations. This preparation has not been subjected to toxicological testing as a whole but has been prepared with verified toxicological listings. In respect to the present difficulty of using the current standard toxicological evaluation techniques to realize the potential hazards which liable to be afflicted on individual or proceed unforeseeable potential of such, this preparation should be considered and handled safely as if it displayed on the health hazards and treated on the account of all possible precaution.

-SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Exotoxicity Effects
Harmful to aquatic life with long lasting effects

12.2 Persistence and degradability

No information available

12.3 Bioaccumulative potential

No information available

12.4 Mobility in soil

No information available

12.5 Results of PBT and vPvB assessment

No information available

12.6 Other adverse effects

Endocrine Disruptor Information
This product does not contain any known or suspected endocrine disruptors

-SECTION 13: DISPOSAL CONSIDERATIONS13.1 Waste treatment methods

Waste from Residues/Unused Products	Dispose of in accordance with local regulations. Should not be released into the environment.
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal

-SECTION 14: TRANSPORT INFORMATION14.1 UN Number

ADR	:	Non-dangerous.
RID	:	Non-dangerous
IMDG	:	Non-dangerous
IATA-DGR	:	Non-dangerous

14.2 Proper Shipping Name

ADR	:	Non-dangerous.
RID	:	Non-dangerous
IMDG	:	Non-dangerous
IATA-DGR	:	Non-dangerous

14.3 Transport Hazard Class

ADR	:	Non-dangerous.
RID	:	Non-dangerous
IMDG	:	Non-dangerous
IATA-DGR	:	Non-dangerous

14.4 Packing Group

ADR:		
Packing Group	:	Non-dangerous.
Classification Code	:	Non-dangerous
Hazard Identification	:	Non-dangerous
Number Labels	:	Non-dangerous
Tunnel Restriction Code	:	Non-dangerous

RID:		
Packing Group	:	Non-dangerous.
Classification Code	:	Non-dangerous
Hazard Identification	:	Non-dangerous
Number Labels	:	Non-dangerous

IMDG:		
Packing Group	:	Non-dangerous.
Number Labels	:	Non-dangerous
EmS Code	:	Non-dangerous

IATA-DGR		
Packing Instruction (Cargo Aircraft)	:	Non-dangerous
Qty/Pkg (Cargo)	:	Non-dangerous
Packing Instruction (Passenger Aircraft)	:	Non-dangerous
Qty/Pkg (Passenger)	:	Non-dangerous
Packing Group	:	Non-dangerous.

14.5 Environmental Hazards

ADR:
 Environmentally Hazardous : No
 RID:
 Environmentally Hazardous : No
 IMDG:
 Environmentally Hazardous : No
 IATA-DGR
 Environmentally Hazardous : No

14.6 Special Precautions for Users

No data available

14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

-SECTION 15: REGULATORY INFORMATION15.1 Safety, health, and environmental regulations/legislation specific for the substance or mixture

WGK Classification 2

15.2 Chemical Safety Assessment

No information available

-SECTION 16: OTHER INFORMATION**Full text of R-phrases referred to under sections 2 and 3**

R10	Flammable.
R22	Harmful if swallowed.
R36	Irritating to eyes.
R36/38	Irritating to eyes and skin.
R38	Irritating to skin.
R43	May cause sensitization by skin contact.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.

Full text of H-Statements referred to under sections 2 and 3.

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

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

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