

# Safety Data Sheet

acc. to OSHA HCS

Printing date 07/30/2014

Reviewed on 07/21/2014

## 1 Identification

- **Product identifier:** UMLF-6
- **Trade name:** *Ultimate Solutions - ulti-MIST 6.75 oz. 30-Day Supply Metered Spray - Fresh Linen*
- **Manufacturer article number:** EAEDC16
- **Application of the substance / the mixture** Air Freshener
- **Details of the supplier of the safety data sheet:** (742)(6)
- **Manufacturer/Supplier:**  
*Industrias Salcom, SA de CV  
 Calle 2 No. 10540  
 Parque Industrial El Salto  
 EL SALTO, JAL, ZP.45680  
 MEXICO  
 fredcominu@wiese.com.mx*
- **Information department:** Product safety department
- **Emergency telephone number:**  
*International During Normal Office ours central USA time: +52 33 3688 0850  
 CHEMTREC Day or Night within USA and Canada: 1-800-424-9300*

## 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS02 Flame

*Flam. Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurized container: May burst if heated.*



GHS07

<i>Eye Irrit. 2A</i>	<i>H319</i>	<i>Causes serious eye irritation.</i>
<i>Skin Sens. 1</i>	<i>H317</i>	<i>May cause an allergic skin reaction.</i>
<i>STOT SE 3</i>	<i>H336</i>	<i>May cause drowsiness or dizziness.</i>

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



Irritant

*Irritating to eyes.*



Extremely flammable

*Extremely flammable.*

*Vapours may cause drowsiness and dizziness.*

- **Information concerning particular hazards for human and environment:**

*The product has to be labeled due to the calculation procedure of international guidelines.  
 Warning! Pressurized container.*

- **Classification system:**

*The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.*

- **Label elements**

- **Labelling according to EU guidelines:**

*The product has been classified and marked in accordance with directives on hazardous materials.*

(Contd. on page 2)

USA

# Safety Data Sheet

acc. to OSHA HCS

Printing date 07/30/2014

Reviewed on 07/21/2014

Trade name: Metered Air Freshener Fresh Linen

(Contd. of page 1)

## · Code letter and hazard designation of product:



Irritant  
Extremely flammable

## · Risk phrases:

Extremely flammable.  
Irritating to eyes.  
Vapours may cause drowsiness and dizziness.

## · Safety phrases:

Keep out of the reach of children.  
Keep away from sources of ignition - No smoking.  
Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).  
Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.  
If swallowed, seek medical advice immediately and show this container or label.  
Use only in well-ventilated areas.

## · Special labeling of certain preparations:

Contains 2-(4-tert-Butylbenzyl)propionaldehyde. May produce an allergic reaction.  
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.  
Do not spray on a naked flame or any incandescent material.  
Buildup of explosive mixtures possible without sufficient ventilation.

## · Classification in accordance with Directive 75/324/EEC: Flammable

## · Classification system:

## · NFPA ratings (scale 0 - 4)



Health = 1  
Fire = 4  
Reactivity = 1

## · HMIS-ratings (scale 0 - 4)



Health = 1  
Fire = 4  
Reactivity = 1

## · Other hazards

## · Results of PBT and vPvB assessment

- PBT: Not applicable.
- vPvB: Not applicable.

### 3 Composition/information on ingredients

## · Chemical characterization: Mixtures

· Description: Mixture of the substances listed below with nonhazardous additions.

## · Dangerous components:

67-64-1	acetone	50-<99.999%
75-28-5	isobutane	10-<25%
74-98-6	propane	2.5-<10%
	Fragrance Trade Secret (742)	2.5-<10%
106-97-8	butane	1-≤2.5%

(Contd. on page 3)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 07/30/2014

Reviewed on 07/21/2014

**Trade name: Metered Air Freshener Fresh Linen**

80-54-6	2-(4-tert-Butylbenzyl)propionaldehyde	(Contd. of page 2)	0.1-<1%
---------	---------------------------------------	--------------------	---------

## 4 First-aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

## 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** CO<sub>2</sub>, sand, extinguishing powder. Do not use water.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

## 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:**  
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.  
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Ensure adequate ventilation.  
Do not flush with water or aqueous cleansing agents
- **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**  
Ensure good ventilation/exhaustion at the workplace.  
Open and handle receptacle with care.
- **Information about protection against explosions and fires:**  
Do not spray on a naked flame or any incandescent material.  
Keep ignition sources away - Do not smoke.  
Protect from heat.  
Protect against electrostatic charges.  
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.

(Contd. on page 4)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 07/30/2014

Reviewed on 07/21/2014

Trade name: Metered Air Freshener Fresh Linen

(Contd. of page 3)

- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Store in a cool location.  
Observe official regulations on storing packagings with pressurized containers.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Keep receptacle tightly sealed.  
Do not gas tight seal receptacle.  
Store in cool, dry conditions in well sealed receptacles.  
Protect from heat and direct sunlight.
- **Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**

· <b>Components with limit values that require monitoring at the workplace:</b>	
---	--

<b>67-64-1 acetone</b>	
------------------------	--

PEL	Long-term value: 2400 mg/m <sup>3</sup> , 1000 ppm
REL	Long-term value: 590 mg/m <sup>3</sup> , 250 ppm
TLV	Short-term value: (1782) NIC-1187 mg/m <sup>3</sup> , (750) NIC-500 ppm
	Long-term value: (1188) NIC-594 mg/m <sup>3</sup> , (500) NIC-250 ppm
	BEI

<b>75-28-5 isobutane</b>	
--------------------------	--

TLV	Short-term value: 2370 mg/m <sup>3</sup> , 1000 ppm
-----	---

<b>74-98-6 propane</b>	
------------------------	--

PEL	Long-term value: 1800 mg/m <sup>3</sup> , 1000 ppm
REL	Long-term value: 1800 mg/m <sup>3</sup> , 1000 ppm
TLV	refer to Appendix F

<b>106-97-8 butane</b>	
------------------------	--

REL	Long-term value: 1900 mg/m <sup>3</sup> , 800 ppm
TLV	Short-term value: 2370 mg/m <sup>3</sup> , 1000 ppm

· <b>Ingredients with biological limit values:</b>	
--	--

<b>67-64-1 acetone</b>	
------------------------	--

BEI	50 mg/L
	Medium: urine
	Time: end of shift
	Parameter: Acetone (nonspecific)

- **Additional information:** The lists that were valid during the creation were used as basis.

- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing.  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes.  
Avoid contact with the eyes and skin.
- **Breathing equipment:**  
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.  
Use suitable respiratory protective device in case of insufficient ventilation.

(Contd. on page 5)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 07/30/2014

Reviewed on 07/21/2014

Trade name: Metered Air Freshener Fresh Linen

(Contd. of page 4)

- **Protection of hands:**

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

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**



Tightly sealed goggles

## 9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

**Form:** Aerosol

**Color:** According to product specification

- **Odor:** Characteristic

- **Odour threshold:** Not determined.

- **pH-value:** Not determined.

- **Change in condition**

**Melting point/Melting range:** Undetermined.

**Boiling point/Boiling range:** -44 °C (-47 °F)

- **Flash point:** -97 °C (-143 °F)

- **Flammability (solid, gaseous):** Not applicable.

- **Ignition temperature:** 460 °C (860 °F)

- **Decomposition temperature:** Not determined.

- **Auto igniting:** Product is not selfigniting.

- **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

- **Explosion limits:**

**Lower:** 1.8 Vol %

**Upper:** 13.0 Vol %

- **Vapor pressure at 20 °C (68 °F):** 3000 hPa (2250 mm Hg)

- **Density:** Not determined.

- **Relative density** Not determined.

- **Vapour density** Not determined.

- **Evaporation rate** Not applicable.

- **Solubility in / Miscibility with**

**Water:** Not miscible or difficult to mix.

(Contd. on page 6)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 07/30/2014

Reviewed on 07/21/2014

Trade name: Metered Air Freshener Fresh Linen

(Contd. of page 5)

· **Partition coefficient (n-octanol/water):** Not determined.

· **Viscosity:**

**Dynamic:** Not determined.

**Kinematic:** Not determined.

· **Solvent content:**

**Organic solvents:** 77.4 %

**VOC content:** 25.1 %

251.5 g/l / 2.10 lb/gl

**Solids content:** 3.6 %

· **Other information** No further relevant information available.

## 10 Stability and reactivity

· **Reactivity**

· **Chemical stability**

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

· **Possibility of hazardous reactions** No dangerous reactions known.

· **Conditions to avoid** No further relevant information available.

· **Incompatible materials:** No further relevant information available.

· **Hazardous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

· **Information on toxicological effects**

· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

**67-64-1 acetone**

Oral	LD50	5800 mg/kg (rat)
------	------	------------------

Dermal	LD50	20000 mg/kg (rabbit)
--------	------	----------------------

· **Primary irritant effect:**

· **on the skin:** No irritant effect.

· **on the eye:** Irritating effect.

· **Sensitization:** No sensitizing effects known.

· **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Irritant

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

110-91-8	morpholine	3
----------	------------	---

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

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

None of the ingredients is listed.

## 12 Ecological information

· **Toxicity**

· **Aquatic toxicity:** No further relevant information available.

(Contd. on page 7)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 07/30/2014

Reviewed on 07/21/2014

Trade name: *Metered Air Freshener Fresh Linen*

(Contd. of page 6)

- **Persistence and degradability** No further relevant information available.

- **Behavior in environmental systems:**

- **Bioaccumulative potential** No further relevant information available.

- **Mobility in soil** No further relevant information available.

- **Additional ecological information:**

- **General notes:**

*Water hazard class 1 (Self-assessment): slightly hazardous for water*

*Do not allow undiluted product or large quantities of it 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 further relevant information available.

## 13 Disposal considerations

- **Waste treatment methods**

- **Recommendation:**

*Must not be disposed of together with household garbage. Do not allow product to reach sewage system.*

- **Uncleaned packagings:**

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

## 14 Transport information

- **UN-Number**

- **DOT, IMDG, IATA** UN1950

- **UN proper shipping name**

- **DOT** *Aerosols, flammable*

- **IMDG** AEROSOLS

- **IATA** *AEROSOLS, flammable*

- **Transport hazard class(es)**

- **DOT**



- **Class** 2.1

- **Label** 2.1

- **IMDG, IATA**



- **Class** 2.1

- **Label** 2.1

- **Packing group**

- **DOT, IMDG, IATA** *not regulated*

- **Environmental hazards:**

- **Marine pollutant:** *No*

- **Special precautions for user** *Warning: Gases*

- **Danger code (Kemler):** -

(Contd. on page 8)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 07/30/2014

Reviewed on 07/21/2014

Trade name: Metered Air Freshener Fresh Linen

(Contd. of page 7)

· <b>EMS Number:</b>	F-D,S-U
· <b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not applicable.
· <b>Transport/Additional information:</b>	
· <b>DOT</b>	
· <b>Quantity limitations</b>	On passenger aircraft/rail: 75 kg On cargo aircraft only: 150 kg
· <b>IMDG</b>	
· <b>Limited quantities (LQ)</b>	1L
· <b>Excepted quantities (EQ)</b>	Code: E0 Not permitted as Excepted Quantity
· <b>UN "Model Regulation":</b>	UN1950, Aerosols, 2.1

## 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**

· <b>Section 355 (extremely hazardous substances):</b>
--

None of the ingredients is listed.
------------------------------------

· <b>Section 313 (Specific toxic chemical listings):</b>
--

None of the ingredients is listed.
------------------------------------

· <b>TSCA (Toxic Substances Control Act):</b>
---

67-64-1	acetone
75-28-5	isobutane
74-98-6	propane
25265-71-8	oxydipropanol
106-97-8	butane
80-54-6	2-(4-tert-Butylbenzyl)propionaldehyde
110-91-8	morpholine
138-86-3	dipentene
78-70-6	Linalool
5392-40-5	Citral
106-24-1	Geraniol

· <b>Proposition 65</b>
-------------------------

· <b>Chemicals known to cause cancer:</b>
---

None of the ingredients is listed.
------------------------------------

· <b>Chemicals known to cause reproductive toxicity for females:</b>
--

None of the ingredients is listed.
------------------------------------

· <b>Chemicals known to cause reproductive toxicity for males:</b>
--

None of the ingredients is listed.
------------------------------------

· <b>Chemicals known to cause developmental toxicity:</b>
---

None of the ingredients is listed.
------------------------------------

· <b>Carcinogenic categories</b>
----------------------------------

· <b>EPA (Environmental Protection Agency)</b>
--

67-64-1	acetone	I
---------	---------	---

(Contd. on page 9)



# Safety Data Sheet

acc. to OSHA HCS

Printing date 07/30/2014

Reviewed on 07/21/2014

**Trade name: Metered Air Freshener Fresh Linen**

(Contd. of page 8)

· <b>TLV (Threshold Limit Value established by ACGIH)</b>		
67-64-1	acetone	A4
110-91-8	morpholine	A4
· <b>NIOSH-Ca (National Institute for Occupational Safety and Health)</b>		
None of the ingredients is listed.		

· **Product related hazard informations:**

The product has been classified and marked in accordance with directives on hazardous materials.

· **Hazard symbols:**



Irritant  
Extremely flammable

· **Risk phrases:**

Extremely flammable.  
Irritating to eyes.  
Vapours may cause drowsiness and dizziness.

· **Safety phrases:**

Keep out of the reach of children.  
Keep away from sources of ignition - No smoking.  
Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).  
Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.  
If swallowed, seek medical advice immediately and show this container or label.  
Use only in well-ventilated areas.

· **Special labeling of certain preparations:**

Contains 2-(4-tert-Butylbenzyl)propionaldehyde. May produce an allergic reaction.  
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.  
Do not spray on a naked flame or any incandescent material.  
Buildup of explosive mixtures possible without sufficient ventilation.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 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.

· **Department issuing SDS:** Product safety department

· **Contact:** Mr. Cominu

· **Date of preparation / last revision** 07/30/2014 / -

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (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  
ACGIH: American Conference of Governmental Industrial Hygienists  
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)  
NFPA: National Fire Protection Association (USA)  
HMIS: Hazardous Materials Identification System (USA)  
VOC: Volatile Organic Compounds (USA, EU)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
Flam. Aerosol 1: Flammable aerosols, Hazard Category 1  
Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A  
Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

(Contd. on page 10)

**Safety Data Sheet**  
**acc. to OSHA HCS**

Printing date 07/30/2014

Reviewed on 07/21/2014

**Trade name: Metered Air Freshener Fresh Linen***STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3*

(Contd. of page 9)

**Sources***Additional Information Section 11 and Section 15*

*“According to IARC Morpholine is not classifiable as to its carcinogenicity to humans (Group 3).  
IARC (1989) IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Vol. 47,  
Some Organic Solvents, Resin Monomers and Related Compounds, Pigments and Occupational  
Exposures in Paint Manufacture and Painting, Lyon, pp. 199–213”*

USA