1 Identification

- Product identifier 325LV
- Trade name: 325LV Metered IMPACT GENAIRe Lavender
- Manufacturer article number: EAEDC324
- Application of the substance / the mixture: Air Freshener.
- Details of the supplier of the safety data sheet (741)(43)
- Manufacturer/Supplier:
  Impact Products, LLC
  2840 Centennial Road
  Toledo, Ohio 43617-1898
- Information department: Product Safety Department
- Emergency telephone number:
  Phone: 800.333.1541
  Fax: 800.333.1541
  Email: custserv@impact-products.com
  Emergency Telephone 24 hr
  INFOTRAC 1-352-323-3500 (International)
  1-800-535-5053 (North America)

2 Hazard(s) identification

- Classification of the substance or mixture

  - GHS02 Flame
    Flam. Aerosol 1 H222 Extremely flammable aerosol.

  - GHS04 Gas cylinder
    Press. Gas H280 Contains gas under pressure; may explode if heated.

  - GHS07
    Eye Irrit. 2A H319 Causes serious eye irritation.
    Skin Sens. 1 H317 May cause an allergic skin reaction.
    STOT SE 3 H336 May cause drowsiness or dizziness.

- Label elements
- GHS label elements: The product is classified and labeled according to the Globally Harmonized System (GHS).
- Hazard pictograms
  
  GHS02  GHS04  GHS07

- Signal word: Danger
- Hazard-determining components of labeling:
  acetone
  Linalool

(Contd. on page 2)
Trade name: 325LV Metered IMPACT GENAIRE Lavender

Coumarin

- **Hazard statements**
  - Extremely flammable aerosol.
  - Contains gas under pressure; may explode if heated.
  - Causes serious eye irritation.
  - May cause an allergic skin reaction.
  - May cause drowsiness or dizziness.

- **Precautionary statements**
  - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
  - Do not spray on an open flame or other ignition source.
  - Pressurized container: Do not pierce or burn, even after use.
  - Avoid breathing dust/fume/gas/mist/vapors/spray
  - Wash thoroughly after handling.
  - Use only outdoors or in a well-ventilated area.
  - Contaminated work clothing must not be allowed out of the workplace.
  - Wear protective gloves / eye protection / face protection.
  - If on skin: Wash with plenty of water.
  - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
  - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  - Call a poison center/doctor if you feel unwell.
  - Specific treatment (see on this label).

- **Classification system:**
  - **NFPA ratings (scale 0 - 4)**
    - Health = 2
    - Fire = 4
    - Reactivity = 1
  - **HMIS-ratings (scale 0 - 4)**
    - HEALTH: 2
    - 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.
Trade name: 325LV Metered IMPACT GENAIRE Lavender

4 First-aid measures

· Description of first aid measures
  · After inhalation: Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation.
  · After skin contact: Immediately wash with water and soap and rinse thoroughly.
  · 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
  · 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 to enter sewers/ surface or ground water.
· Methods and material for containment and cleaning up: Ensure adequate ventilation.
· 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.
· Protective Action Criteria for Chemicals

<table>
<thead>
<tr>
<th>Substance</th>
<th>PAC-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-64-1</td>
<td>acetone 200 ppm</td>
</tr>
<tr>
<td>75-28-5</td>
<td>isobutane 5500 ppm</td>
</tr>
</tbody>
</table>

(Contd. on page 4)
74-98-6 propane 5500* ppm
106-97-8 butane 5500* ppm
91-64-5 Coumarin 0.88 mg/m³
110-91-8 morpholine 30 ppm

· PAC-2:
  67-64-1 acetone 3200* ppm
  75-28-5 isobutane 17000** ppm
  74-98-6 propane 17000** ppm
  106-97-8 butane 17000** ppm
  91-64-5 Coumarin 9.7 mg/m³
  110-91-8 morpholine 1,300 ppm

· PAC-3:
  67-64-1 acetone 5700* ppm
  75-28-5 isobutane 53000*** ppm
  74-98-6 propane 33000*** ppm
  106-97-8 butane 53000*** ppm
  91-64-5 Coumarin 58 mg/m³
  110-91-8 morpholine 8000** ppm

7 Handling and storage

· Handling:
  · Precautions for safe handling No special precautions are necessary if used correctly.
  · 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.
    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.
  · Conditions for safe storage, including any incompatibilities
  · Storage:
    · Requirements to be met by storerooms and receptacles:
      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.
  · 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
  · Components with limit values that require monitoring at the workplace:
    The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
    At this time, the other constituents have no known exposure limits.

67-64-1 acetone

PEL Long-term value: 2400 mg/m³, 1000 ppm
## Trade name: 325LV Metered IMPACT GENAIRE Lavender

<table>
<thead>
<tr>
<th>REL</th>
<th>Long-term value: 590 mg/m³, 250 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLV</td>
<td>Short-term value: 1187 mg/m³, 500 ppm</td>
</tr>
<tr>
<td></td>
<td>Long-term value: 594 mg/m³, 250 ppm</td>
</tr>
</tbody>
</table>

### 75-28-5 isobutane

<table>
<thead>
<tr>
<th>TLV</th>
<th>Short-term value: 2370 mg/m³, 1000 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(EX)</td>
</tr>
</tbody>
</table>

### 74-98-6 propane

<table>
<thead>
<tr>
<th>PEL</th>
<th>Long-term value: 1800 mg/m³, 1000 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>REL</td>
<td>Long-term value: 1800 mg/m³, 1000 ppm</td>
</tr>
<tr>
<td>TLV</td>
<td>refer to Appendix F in TLVs &amp; BEIs book; D, EX</td>
</tr>
</tbody>
</table>

### 106-97-8 butane

<table>
<thead>
<tr>
<th>REL</th>
<th>Long-term value: 1900 mg/m³, 800 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLV</td>
<td>Short-term value: 2370 mg/m³, 1000 ppm</td>
</tr>
<tr>
<td></td>
<td>(EX)</td>
</tr>
</tbody>
</table>

### Ingredients with biological limit values:

#### 67-64-1 acetone

<table>
<thead>
<tr>
<th>BEI</th>
<th>50 mg/L</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Medium: urine</td>
</tr>
<tr>
<td></td>
<td>Time: end of shift</td>
</tr>
<tr>
<td></td>
<td>Parameter: Acetone (nonspecific)</td>
</tr>
</tbody>
</table>

### 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:** Not required.

**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.
### 9 Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value/Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance</strong></td>
<td></td>
</tr>
<tr>
<td>Form</td>
<td>Aerosol</td>
</tr>
<tr>
<td>Color</td>
<td>According to product specification</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not determined</td>
</tr>
<tr>
<td>pH-value</td>
<td>Not determined</td>
</tr>
<tr>
<td><strong>Change in condition</strong></td>
<td></td>
</tr>
<tr>
<td>Melting point/Melting range</td>
<td>Undetermined</td>
</tr>
<tr>
<td>Boiling point/Boiling range</td>
<td>-44 °C (-47.2 °F)</td>
</tr>
<tr>
<td><strong>Flash point</strong></td>
<td>&lt; 0 °C (&lt;32 °F)</td>
</tr>
<tr>
<td><strong>Flammability (solid, gaseous)</strong></td>
<td>Not applicable</td>
</tr>
<tr>
<td><strong>Ignition temperature</strong></td>
<td>460 °C (860 °F)</td>
</tr>
<tr>
<td><strong>Decomposition temperature</strong></td>
<td>Not determined</td>
</tr>
<tr>
<td><strong>Auto igniting</strong></td>
<td>Product is not selfigniting</td>
</tr>
<tr>
<td><strong>Danger of explosion</strong></td>
<td>Product is not explosive. However, formation of explosive air/vapor mixtures are possible.</td>
</tr>
<tr>
<td><strong>Explosion limits</strong></td>
<td></td>
</tr>
<tr>
<td>Lower</td>
<td>1.8 Vol %</td>
</tr>
<tr>
<td>Upper</td>
<td>13 Vol %</td>
</tr>
<tr>
<td><strong>Vapor pressure at 20 °C (68 °F)</strong></td>
<td>3,000 hPa (2,250.2 mm Hg)</td>
</tr>
<tr>
<td><strong>Density</strong></td>
<td>Not determined</td>
</tr>
<tr>
<td><strong>Relative density</strong></td>
<td>Not determined</td>
</tr>
<tr>
<td><strong>Vapor density</strong></td>
<td>Not determined</td>
</tr>
<tr>
<td><strong>Evaporation rate</strong></td>
<td>Not applicable</td>
</tr>
<tr>
<td><strong>Solubility in / Miscibility with Water</strong></td>
<td>Not miscible or difficult to mix.</td>
</tr>
<tr>
<td><strong>Partition coefficient (n-octanol/water)</strong></td>
<td>Not determined</td>
</tr>
<tr>
<td><strong>Viscosity</strong></td>
<td></td>
</tr>
<tr>
<td>Dynamic</td>
<td>Not determined</td>
</tr>
<tr>
<td>Kinematic</td>
<td>Not determined</td>
</tr>
<tr>
<td><strong>Solvent content</strong></td>
<td></td>
</tr>
<tr>
<td>Organic solvents</td>
<td>77.4 %</td>
</tr>
</tbody>
</table>
Trade name: 325LV Metered IMPACT GENAIRE Lavender

VOC content: 28.46 %
284.6 g/l / 2.37 lb/gl

Solids content: 3.5 %

Other information
No further relevant information available.

10 Stability and reactivity

Reactivity
No further relevant information available.

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 5,800 mg/kg (rat)
Dermal LD50 20,000 mg/kg (rabbit)

Primary irritant effect:

on the skin: No irritant effect.

on the eye: Irritating effect.

Sensitization: Sensitization possible through skin contact.

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)

91-64-5 Coumarin 3
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.

Persistence and degradability: No further relevant information available.

Behavior in environmental systems:

Bioaccumulative potential: No further relevant information available.
Trade name: 325LV Metered IMPACT GENAIRE Lavender

· Mobility in soil: No further relevant information available.
· Results of PBT and vPvB assessment:
  · PBT: Not applicable.
  · vPvB: Not applicable.
· Other adverse effects: No further relevant information available.

* 13 Disposal considerations

· 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): -
  · EMS Number: F-D-S-U
  · Stowage Code
    SW1 Protected from sources of heat.
    SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A.
    SW69 For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
· Segregation Code
  SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre:
Trade name: 325LV Metered IMPACT GENAIRE Lavender

- Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.

- Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable.

- Transport/Additional information:
  - DOT Quantity limitations: On passenger aircraft/rail: 75 kg, On cargo aircraft only: 150 kg
  - IMDG Limited quantities (LQ): 1L
  - Excepted quantities (EQ): Code: E0, Not permitted as Excepted Quantity
  - UN "Model Regulation": UN 1950 AEROSOLS, 2.1

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
  - Sara Section 355 (extremely hazardous substances): None of the ingredients is listed.
  - Section 313 (Specific toxic chemical listings): None of the ingredients is listed.

- TSCA (Toxic Substances Control Act):
  67-64-1 acetone
  75-28-5 isobutane
  74-98-6 propane
  25265-71-8 Dipropylene glycol (isomer unspecified)
  106-97-8 butane
  78-70-6 Linalool
  91-64-5 Coumarin
  110-91-8 morpholine
  107-75-5 Hydroxycitronellal
  138-86-3 dipentene
  106-24-1 Geraniol

- TSCA new (21st Century Act) (Substances not listed)
  Fragrance Trade Secret (741)

- Proposition 65

- Chemicals known to cause cancer: None of the ingredients is listed.

- Chemicals known to cause reproductive toxicity for females: None of the ingredients is listed.
· Chemicals known to cause reproductive toxicity for males:
  None of the ingredients is listed.

· Chemicals known to cause developmental toxicity:
  None of the ingredients is listed.

· Carcinogenic categories

  · EPA (Environmental Protection Agency)
    67-64-1 acetone I

  · TLV (Threshold Limit Value established by ACGIH)
    67-64-1 acetone A4
    110-91-8 morpholine A4

  · NIOSH-Ca (National Institute for Occupational Safety and Health)
    None of the ingredients is listed.

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

· Hazard pictograms

  GHS02  GHS04  GHS07

· Signal word Danger

· Hazard-determining components of labeling:
  acetone
  Linalool
  Coumarin

· Hazard statements
  Extremely flammable aerosol.
  Contains gas under pressure; may explode if heated.
  Causes serious eye irritation.
  May cause an allergic skin reaction.
  May cause drowsiness or dizziness.

· Precautionary statements
  Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
  Do not spray on an open flame or other ignition source.
  Pressurized container: Do not pierce or burn, even after use.
  Avoid breathing dust/fume/gas/mist/vapors/spray
  Wash thoroughly after handling.
  Use only outdoors or in a well-ventilated area.
  Contaminated work clothing must not be allowed out of the workplace.
  Wear protective gloves / eye protection / face protection.
  If on skin: Wash with plenty of water.
  IF INHALED: Remove person to fresh air and keep comfortable for breathing.
  If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
  Continue rinsing.
  Call a poison center/doctor if you feel unwell.
  Specific treatment (see on this label).
  If skin irritation or rash occurs: Get medical advice/attention.
  If eye irritation persists: Get medical advice/attention.
  Wash contaminated clothing before reuse.
  Store in a well-ventilated place. Keep container tightly closed.
Store locked up.
Protect from sunlight. Store in a well-ventilated place.
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Dispose of contents/container in accordance with local/regional/national/international regulations.

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: 800.333.1541
Date of preparation / last revision 11/20/2018 / 15

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
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- NIOSH: National Institute for Occupational Safety
- OSHA: Occupational Safety & Health
- TLV: Threshold Limit Value
- PEL: Permissible Exposure Limit
- REL: Recommended Exposure Limit
- BEI: Biological Exposure Limit
- Flam. Aerosol 1: Aerosols – Category 1
- Press. Gas: Gases under pressure – Compressed gas
- Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
- Skin Sens. 1: Skin sensitisation – Category I
- STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Sources
Additional Information Section 11 and Section 15

* Data compared to the previous version altered.