1 Identification

- **Product identifier**
- **Trade name**: Dry Breeze Vanilla
- **Article number**: 707
- **Application of the substance / the mixture**: Dry Air Freshener
- **Details of the supplier of the Safety Data Sheet**
  - **Manufacturer/Supplier**: ITW Pro Brands
    805 East Old 56 Highway
    Olathe, Kansas 66061
    Phone: 1-800-224-4860
  - **Emergency telephone number**: Infotrac Emergency Hotline: 1-800-535-5053

2 Hazard(s) identification

- **Classification of the substance or mixture**
  - GHS 04 gas cylinder
  - H280 Contains gas under pressure; may explode if heated.
  - GHS02 Flame
  - Flam. Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurized container: May burst if heated.

- **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
- **Hazard statements**
  - H280 Contains gas under pressure; may explode if heated.
  - H222-H229 Extremely flammable aerosol. Pressurized container: May burst if heated.
  - H319 Causes serious eye irritation.

(Contd. on page 2)
Safety Data Sheet
acc. to HCS and GHS

Printing date 11/24/2014
Reviewed on 11/24/2014

Trade name: Dry Breeze Vanilla

H336 May cause drowsiness or dizziness.

Precautionary statements
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P251 Pressurized container: Do not pierce or burn, even after use.
P211 Do not spray on an open flame or other ignition source.
P261 Avoid breathing mist/vapours/spray.
P280 Wear protective gloves / eye protection.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a poison center/doctor if you feel unwell.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information: Pressurized container: May burst if heated.

Hazard description:

WHMIS-symbols:
A - Compressed gas
B5 - Flammable aerosol
D2B - Toxic material causing other toxic effects

Classification system:

NFPA ratings (scale 0 - 4)

Health = 1
Fire = 4
Reactivity = 0

HMIS-ratings (scale 0 - 4)

Health = 1
Fire = 4
Reactivity = 0

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:

<table>
<thead>
<tr>
<th>Substance</th>
<th>Classification</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-64-1 acetone</td>
<td>Flm. Liq. 2, H225, Eye Irrit. 2A, H319, STOT SE 3, H336</td>
<td>40-60%</td>
</tr>
</tbody>
</table>

(Contd. of page 1)
(Contd. on page 3)
4 First-aid measures

- **Description of first aid measures**
- **General information**: Take affected persons out into the fresh air.
- **After inhalation**: Supply fresh air; consult doctor in case of complaints. Provide oxygen treatment if affected person has difficulty breathing.
- **After skin contact**: Immediately wash with water and soap and rinse thoroughly. In cases of frostbite, rinse with plenty of water. Do not remove clothing. If skin irritation continues, consult a doctor.
- **After eye contact**: Remove contact lenses if worn. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing**: Unlikely route of exposure. Do not induce vomiting; immediately call for medical help.
- **Most important symptoms and effects, both acute and delayed**
  - Headache
  - Breathing difficulty
  - Dizziness
  - Coughing
  - Frostbite
  - Nausea
  - Irritant to eyes.
  - Disorientation
- **Danger** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
  - If swallowed, gastric irrigation with added, activated carbon. Treat frost-bitten areas appropriately.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents**: CO2, extinguishing powder or water spray. Fight larger fires with water spray.
- **For safety reasons unsuitable extinguishing agents**: None.
- **Special hazards arising from the substance or mixture**
  - Danger of receptacles bursting because of high vapor pressure if heated. Formation of toxic gases is possible during heating or in case of fire.
- **Advice for firefighters**
  - **Protective equipment**: Wear self-contained respiratory protective device.
Trade name: Dry Breeze Vanilla

Wear fully protective suit.

**Additional information**
Eliminate all ignition sources if safe to do so.
Leaking gas fire: Do not extinguish, unless leak can be stopped safely.
Cool endangered receptacles with water fog.

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**6 Accidental release measures**

- **Personal precautions, protective equipment and emergency procedures**
  Use respiratory protective device against the effects of fumes/dust/aerosol.
  Wear protective equipment. Keep unprotected persons away.
  Ensure adequate ventilation.
  Keep away from ignition sources.
- **Environmental precautions**: Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up**:
  Allow to evaporate.
  Absorb liquid components with liquid-binding material.
  Pick up mechanically.
  Ensure adequate ventilation.
  Dispose contaminated material as waste according to item 13.
- **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.

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**7 Handling and storage**

- **Precautions for safe handling**
  Keep away from heat and direct sunlight.
  Use only in well ventilated areas.
  Pressurized container: Do not pierce or burn, even after use.
- **Information about protection against explosions and fires**:
  Keep ignition sources away - Do not smoke.
  Fumes can combine with air to form an explosive mixture.
  Flammable gas-air mixtures may be formed in empty receptacles.
  Do not spray on a naked flame or any incandescent material.
- **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.
    Provide ventilation for receptacles.
    Avoid storage near extreme heat, ignition sources or open flame.
  - **Information about storage in one common storage facility**:
    Store away from foodstuffs.
    Store away from oxidizing agents.
  - **Further information about storage conditions**:
    Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.

(Contd. of page 3)
### 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:**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Long-term value: 2400 mg/m³, 1000 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEL (USA)</td>
<td>Long-term value: 590 mg/m³, 250 ppm</td>
</tr>
<tr>
<td>REL (USA)</td>
<td>Short-term value: (1782) NIC-11987 mg/m³, (750) NIC-500 ppm</td>
</tr>
<tr>
<td>TLV (USA)</td>
<td>Long-term value: (1188) NIC-594 mg/m³, (500) NIC-250 ppm</td>
</tr>
<tr>
<td>EL (Canada)</td>
<td>Short-term value: 500 ppm</td>
</tr>
<tr>
<td>EV (Canada)</td>
<td>Long-term value: 250 ppm</td>
</tr>
<tr>
<td>LMPE (Mexico)</td>
<td>Long-term value: 500 ppm</td>
</tr>
<tr>
<td></td>
<td>Long-term value: 500 ppm</td>
</tr>
<tr>
<td></td>
<td>A4, IBE</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Substance</th>
<th>Long-term value: 1800 mg/m³, 1000 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEL (USA)</td>
<td>Long-term value: 1800 mg/m³, 1000 ppm</td>
</tr>
<tr>
<td>REL (USA)</td>
<td>refer to Appendix F</td>
</tr>
<tr>
<td>TLV (USA)</td>
<td>Long-term value: 1000 ppm</td>
</tr>
<tr>
<td>EL (Canada)</td>
<td>Long-term value: 1000 ppm</td>
</tr>
<tr>
<td>EV (Canada)</td>
<td>Long-term value: 1000 ppm</td>
</tr>
<tr>
<td>LMPE (Mexico)</td>
<td>Long-term value: 1000 ppm</td>
</tr>
</tbody>
</table>

- **Ingredients with biological limit values:**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Limit value: 50 mg/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>BET (USA)</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:**
      The usual precautionary measures for handling chemicals should be followed.
      Keep away from foodstuffs, beverages and feed.
      Wash hands before breaks and at the end of work.
      Do not inhale gases / fumes / aerosols.
      Avoid contact with the eyes and skin.
Trade name: Dry Breeze Vanilla

- **Breathing equipment:**
  Not required under normal conditions of use.
  For spills, respiratory protection may be advisable.
  Use suitable respiratory protective device in case of insufficient ventilation.
- **Protection of hands:**
  ![Protective gloves]
  The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
  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:**
  ![Safety glasses]
- **Body protection:** Protective work clothing
- **Limitation and supervision of exposure into the environment**
  No further relevant information available.

### 9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
  - Form: Aerosol
  - Color: Clear to straw color.
  - Odor: Pleasant
  - Odor threshold: Not determined.
  - pH-value: Not determined.
- **Change in condition**
  - Melting point/Melting range: Undetermined.
  - Boiling point/Boiling range: 56 °C (133 °F) (liquid component)
- **Flash point:** < -17 °C (< 1 °F)
- **Flammability (solid, gaseous):** Extremely flammable aerosol.
- **Auto-ignition temperature:** Not determined.

(Contd. of page 5)
**Trade name: Dry Breeze Vanilla**

- Decomposition temperature: Not determined.
- Auto igniting: Product is not self-igniting.
- Danger of explosion: Not determined.
- Explosion limits:
  - Lower: Not determined.
  - Upper: Not determined.
- Vapor pressure at 21 °C (70 °F): 95 psig
- Density at 20 °C (68 °F): 0.79 g/cm³ (6.593 lbs/gal)
- Relative density: Not determined.
- Vapour density: > 1 (Air=1)
- Evaporation rate: Not applicable.
- Solubility in / Miscibility with Water: Fully miscible.
- Partition coefficient (n-octanol/water): Not determined.
- Viscosity:
  - Dynamic: Not determined.
  - Kinematic: Not determined.
- Solvent content: 29.93 %
- Other information: No further relevant information available.

### 10 Stability and reactivity

- Reactivity
- Chemical stability
- Thermal decomposition / conditions to be avoided:
  No decomposition if used and stored according to specifications.
  Danger of receptacles bursting because of high vapor pressure if heated.
- Possibility of hazardous reactions
  Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomized.
  Reacts violently with oxidizing agents.
  Extremely flammable aerosol.
  Danger of receptacles bursting because of high vapor pressure if heated.
- Conditions to avoid
  Keep away from heat and direct sunlight.
  Excessive heat and contact with oxidizers.
  Keep ignition sources away - Do not smoke.
- Incompatible materials: No further relevant information available.
- Hazardous decomposition products:
  Carbon monoxide and carbon dioxide
  Hydrocarbons

(Contd. on page 8)
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: Slight irritant effect on skin and mucous membranes.
      - on the eye: Irritating effect.
      - Sensitization: No sensitizing effects known.
    - Other information (about experimental toxicology):
      Ingestion is considered unlikely.
      Vapors have narcotic effect.
    - Additional toxicological information:
      The product shows the following dangers according to internally approved calculation methods for preparations:
      - Irritant
      - Inhalation of concentrated vapors as well as oral intake will lead to anaesthesia-like conditions and headache, dizziness, etc.
  - Carcinogenic categories
    - NTP (National Toxicology Program)
      - None of the ingredients is listed.
    - OSHA-Ca (Occupational Safety & Health Administration)
      - None of the ingredients is listed.
    - Repeated Dose Toxicity: Repeated exposure may cause skin dryness or cracking.

12 Ecological information

- Toxicity
  - Aquatic toxicity: No further relevant information available.
  - Persistence and degradability: No further relevant information available.
  - Bioaccumulative potential: No further relevant information available.
  - Mobility in soil: No further relevant information available.
  - Additional ecological information:
    - General notes:
      - Avoid transfer into the environment.
      - 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.
13 Disposal considerations

- Waste treatment methods
  - Recommendation:
    Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Contact waste processors for recycling information.
    The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.
  - Waste disposal key: EPA RCRA Code (USA) : D001.
- Uncleaned packagings:
  - Recommendation: Disposal must be made according to official regulations.

14 Transport information

- UN-Number
  - DOT, ADR, IMDG, IATA: UN1950
- UN proper shipping name
  - Limited Quantity for packages less than 30 kg (66 lb) and inner packagings less than 1 L (0.3 gal).
- DOT: Aerosols, flammable
- ADR: 1950 AEROSOLS, flammable
- IMDG: AEROSOLS
- IATA: AEROSOLS, flammable
- Transport hazard class(es)
  - DOT
    - Class: 2.1
    - Label: 2.1
  - ADR
    - Class: 2 5F Gases
Trade name: Dry Breeze Vanilla

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.
Trade name: Dry Breeze Vanilla

- Section 313 (Specific toxic chemical listings):
  None of the ingredients are listed.

- TSCA (Toxic Substances Control Act):
  All ingredients are listed.

- Proposition 65 (California):
  - Chemicals known to cause cancer:
    None of the ingredients are listed.
  - Chemicals known to cause reproductive toxicity for females:
    None of the ingredients are 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
  - IARC (International Agency for Research on Cancer)
    None of the ingredients is listed.

- TLV (Threshold Limit Value established by ACGIH)
  67-64-1 acetone

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

- State Right to Know Listings
  Some ingredients listed.

- Canadian substance listings:
  - Canadian Domestic Substances List (DSL)
    All ingredients are listed.
  - Canadian ingredient Disclosure list (limit 0.1%)
    None of the ingredients is listed.
  - Canadian ingredient Disclosure list (limit 1%)
    67-64-1 acetone

- Other regulations, limitations and prohibitive regulations
  This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products 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.
Trade name: Dry Breeze Vanilla

- **Date of preparation / last revision**: 11/24/2014 / -

- **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)
  - WHMIS: Workplace Hazardous Materials Information System (Canada)
  - VOC: Volatile Organic Compounds (USA, EU)
  - LC50: Lethal concentration, 50 percent
  - LD50: Lethal dose, 50 percent
  - Flam. Gas 1: Flammable gases, Hazard Category 1
  - Flam. Aerosol 1: Flammable aerosols, Hazard Category 1
  - Press. Gas: Gases under pressure: Compressed gas
  - Flam. Liq. 2: Flammable liquids, Hazard Category 2
  - Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A
  - STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

- **Sources**
  - SDS Prepared by: ChemTel Inc.
  - 1305 North Florida Avenue
  - Tampa, Florida USA 33602-2902
  - Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573
  - Website: www.chemtelinc.com