1. Identification
Product Identifier: JAWS 3604 LIQUID MALODOR COUNTERACTANT (MOUNTAIN FRESH)
Application or recommended use: Air freshener, malodor counteractant
Uses advised against: Do not use in any fashion not specified on the product label.
Manufacturer / supplier: Canberra Corporation
3610 N. Holland-Sylvania Rd.
Toledo, Ohio 43615 USA
Telephone: 419-841-6616 FAX: 419-841-7597 Emergency phone: 800-832-8992

2. Hazards Identification
GHS Classification:
- Skin Corrosion/Irritation - Category 2
- Eye Damage/Irritation - Category 1
Labeling:
Symbol: DANGER
Signal word: DANGER
Hazard statements:
- Causes skin irritation.
- Causes serious eye damage.
Precautionary statements:
- Wash hands, face and any skin contact thoroughly after handling.
- Wear protective gloves/eye protection/face protection.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Immediately call a POISON CENTER or doctor/physician.
- IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. See 4. First-Aid Measures for specific treatment.

Other Hazards: None known

3. Composition / Information on Ingredients
Chemical characterization: Mixture of water, detergents, water soluble solvents and auxiliary agents.
Hazardous ingredients:
- 20 - 25% C_{12-15} Fatty alcohol ethoxylate  CAS 68131-39-5, EINECS/ELINCS NLP500-195-7
- 10 - 15% Fragrance  CAS N/A Mixture, EINECS/ELICS N/A
- 5 - 10% Propylene Glycol  CAS 57-55-6, EINECS/ELICS 200-338-0
Other ingredients (> 1%):
- > 60% Water  CAS 7732-18-5, EINECS/ELINC 231-791-2

4. First-Aid Measures
Symptoms: Burning or irritation of affected areas. Causes skin irritation. Causes serious eye damage.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

Inhalation: Move person to fresh air. If respiratory irritation or dizziness occurs, seek immediate medical assistance.

Skin Contact: Remove contaminated clothing and wash before reuse. Wash contaminated area with soap and water for 15-20 minutes. If skin irritation occurs, get medical advice/attention.

Eye Contact: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. If eye irritation persists, get medical advice/attention.

Ingestion: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to a person who is unconscious or convulsing. If vomiting occurs, keep head below hips to reduce risk of aspiration.

Note to Physician: Treat exposed patients symptomatically.
5. Fire-Fighting Measures
Suitable Extinguishing Media: Not applicable. Product is not a fire hazard.
Unsuitable Extinguishing Media: High pressure water jet. Specific hazards in case of fire: None known.
Special Fire Fighting Precautions: Fire fighters should wear appropriate protective equipment, including self-contained breathing apparatus and impervious clothing.

6. Accidental Release Measures
Emergency Procedures: Depending on the extent of release, consider the need for restriction of access to spill area.
Personal Precautions: Do not eat, drink or smoke during clean up. Wear protective clothing, eye protection and impervious gloves (e.g. neoprene). Wash thoroughly after clean up.
Environmental Precautions: Prevent spills from entering storm sewers/drains or contact with soil.
Clean up Methods: Small spills may be wiped up and rinsed with water. For larger spills, contain spill with inert material (sand, clay). Transfer material to labeled containers for recovery or proper disposal. After removal, flush area with water. Follow good industrial hygiene practices.

7. Handling and Storage
Precautions for Safe Handling: Read label before use. Avoid contact with eyes. Wear eye protection, face protection. Use product only according to label directions. If unsure about safe use, contact your supervisor. Do not eat, drink or smoke while using this product. Wash hands, face and any skin contact thoroughly after handling.
Conditions for Safe Storage: Keep out of reach of children. Do not contaminate water, food or feed by storage and disposal.
Store in tightly closed original container in a cool (10° - 30°C), dry area.
Incompatibility: Oxidizers.

8. Exposure Controls / Personal Protection
Components with occupational exposure limits: None
Engineering Controls: Proper ventilation in accordance with good industrial hygiene should be provided.
Personal Protective Equipment
Respiratory: Respiratory protection is not necessary under normal conditions of use.
Gloves: Use water impervious gloves (latex or neoprene rubber). No breakthrough time has been established.
Eye Protection: Chemical resistant goggles or face protection.
Other: Protective clothing (long sleeves, pants), eyewash, safety shower are always advisable when working with chemicals.

9. Physical and Chemical Properties
Physical State - Liquid
Color - None
Odor - Mountain fresh
Odor Threshold - Not available
Boiling Point - 212°F
Decomposition temperature - No data available
Freezing Point - 32°F
pH (Neat) - 6.0 - 8.0
pH (RTU) - 6.5 - 7.5
Relative Density - 1.010
Evaporation Rate - Similar to water
Auto-ignition temperature - Not applicable
Flash Point - > 200°F (ASTM D3278)
Flammability - No data available
Flammability Limits - No data available
Partition coefficient - Not applicable
Solubility (Water) - Complete
Vapor Density - No data available
Vapor Pressure - No data available
Viscosity - Water thin
% VOC - 10 (Excluding exempt material)

10. Stability and Reactivity
Reactivity: No specific reactivity test data is available for this mixture. Under normal conditions of storage and use, hazardous reactions are not expected.
Incompatible materials: Oxidizers.
Chemical stability: This product is stable at ambient temperatures and atmospheric pressures.
Conditions to avoid: Temperatures above 50°C or below 10°C.
Hazardous decomposition products: None known.

11. Toxicological Information
Acute Toxicity: Toxicity data is not available for this mixture. Data below are estimates based on summation methods.
Test Results Classification (A.0.4.1(c)) Basis (A.1.3.6.1)
Oral > 2000mg/kg Not applicable Ingredient literature (Additive formula)
Dermal > 2000mg/kg Not applicable Ingredient literature (Additive formula)
Inhalation > 20 mg/L Not applicable Ingredient literature (Additive formula)
Eye Damage/Irritation Irritation Category 1 Ingredient literature
Skin Damage/Irritation Irritation Category 2 Ingredient literature
Summary: Skin and eye contact are most likely routes of exposure. Causes skin irritation and eye damage.
11. Toxicological Information (cont.)

Subchronic/Chronic Toxicity:

<table>
<thead>
<tr>
<th>Test</th>
<th>Results</th>
<th>Classification</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Sensitization</td>
<td>Not a sensitizer</td>
<td>Not applicable</td>
<td>Ingredient literature.</td>
</tr>
</tbody>
</table>

Summary: Repeated or prolonged contact causes skin irritation and eye damage.

Carcinogens - Ingredients are not listed on the NTP Report on Carcinogens, IARC Monographs or by OSHA

Other data - No other toxicological information is available for this mixture.

12. Ecological Information

This material has not been tested for acute environmental effects.

Persistence and degradability: Material is not persistent. All organic components > 1% are readily biodegradable.

Bio-accumulative potential: No evidence to suggest bio-accumulation will occur.

Mobility: Accidental spillage may lead to penetration of soil and groundwater.

13. Disposal Considerations

Do not contaminate water, food or feed by disposal. If material cannot be disposed of by use according to label directions, contact your State Environmental Control Agency, or the hazardous waste representative at the nearest EPA Regional Office for guidance. Rinse container promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill. If container is one gallon or less, wrap empty container in plastic bag and discard in trash.

14. Transport Information

Proper Shipping Name: Not regulated

Shipping emergency phone: 800-424-9300

Transport hazard class: Not Applicable

Packing Group: Not Applicable

Hazard Label: Not Applicable

Emergency Guide No.: Not Applicable

Marine Pollutant: No

15. Regulatory Information

Inventory status: All components are listed on TSCA(US), EINECS/ELINCS(EU), DSL(Canada), AICS(Australia).

OSHA Hazard Communication Standard: This product meets the §1910.1200 definition of a "Hazardous Chemical".

Superfund Amendments and Reauthorization Act of 1986 Title III (EPCRA) Sections 311 and 312

Immediate (Acute) Health Hazard: Yes

Delayed (Chronic) Health Hazard: No

Fire Hazard: Yes

Reactive Hazard: No

Sudden Release of Pressure Hazard: No

16. Other information

Date issued: 31. 12. 2014

F3604-001 Revision: N/A

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Prepared by: R&D, JAWS International Ltd.