





SAFETY DATA SHEET

1. Product and Company Identification

| | | | |
|-----------------------------|---|-----------------------------|----------------|
| PRODUCT NUMBER: | 1350 | COMPANY PHONE: | 1-800-241-8180 |
| PRODUCT NAME: | ECO MIST | EMERGENCY TELEPHONE: | 1-800-241-8180 |
| PRODUCT DESCRIPTION: | Non-aerosol air freshener | INFOTRAC: | 1-800-535-5053 |
| COMPANY INFORMATION: | PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004 | | |

2. Hazards Identification

| | | | | | |
|--|--------------------------------------|----------------|---|---|--|
| GHS CLASSIFICATION: Flam. Liq. 2 H225 Skin Irrit. 2 H315 Eye Irrit. 2A H319 Skin Sens. 1 H317 STOT SE 3 H336 Full text of H-phrases: see section 16 | SIGNAL WORD: DANGER | SYMBOL: |  |  | |
|--|--------------------------------------|----------------|---|---|--|

HAZARD STATEMENTS:

H225 - Highly flammable liquid and vapor.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H336 - May cause drowsiness or dizziness.

PRECAUTIONARY STATEMENTS:

P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking.
P280 - Wear protective gloves.
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.
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 doctor if you feel unwell.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.

3. Composition / Information on Ingredients

| CHEMICAL NAME | CAS | % BY WEIGHT | GHS-US CLASSIFICATION |
|---------------|-----------|-------------|--|
| Acetone | 67-64-1 | 20-50 | Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336 |
| Alcohol | 64-17-5 | 10-20 | Flam. Liq. 2, H225 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335 |
| AMYL CINNAMAL | 122-40-7 | 0, 1-1 | Skin Sens. 1, H317 Aquatic Chronic 2, H411 |
| GERANIOL | 106-24-1 | 0, 1-1 | Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 |
| CITRONELLOL | 106-22-9 | 0, 1-1 | Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411 |
| LIMONENE | 5989-27-5 | <0, 1 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| MYRCENE | 123-35-3 | <0, 1 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Asp. Tox. 1, H304 |
| PINENES | 127-91-3 | <0, 1 | Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 |

Full text of H-phrases: see section 16

4. First Aid Measures

EMERGENCY OVERVIEW

WARNING:

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

SKIN: Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation persists, take medical advice.

INHALATION:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

INGESTION:

Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

INHALATION: May cause an allergic skin reaction. May cause drowsiness or dizziness.

SKIN CONTACT: Causes skin irritation.

EYE CONTACT: Causes serious eye irritation.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

No additional information available.

5. Fire Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Foam. Dry powder. Carbon dioxide. Sand. Water spray.

UNSUITABLE FIRE EXTINGUISHING MEDIA:

Do not use a heavy water stream.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Highly flammable liquid and vapor. May form flammable/explosive vapor-air mixture.

SPECIFIC FIRE-FIGHTING METHODS:

Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS:

Do not enter fire area without proper protective equipment, including respiratory protection.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

See Heading 8. Exposure controls and personal protection.

GENERAL MEASURES: Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.

NON-EMERGENCY PERSONNEL: Evacuate unnecessary personnel.

EMERGENCY RESPONDERS: Equip cleanup crew with proper protection. Avoid breathing Vapors. Ventilate area.

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

7. Handling and Storage

TECHNICAL MEASURES:

Comply with applicable regulations.

STORAGE CONDITIONS:

Keep only in the original container in a cool, well ventilated place away from : Direct sunlight, Heat sources, Ignition sources.

INCOMPATIBLE PRODUCTS:

Strong bases. Strong acids.

INCOMPATIBLE MATERIALS:

Sources of ignition. Direct sunlight. Heat sources.

8. Exposure Controls / Personal Protection

| | ACGIH TLV | OSHA PEL |
|---------------------------------|-------------------|-----------------------------------|
| PUMP 18V OCEAN MIST | Not applicable. | Not applicable. |
| Alcohol (64-17-5) | 1000 ppm/ URT irr | 1900 mg/m ³ / 1000 ppm |
| AMYL CINNAMAL (122-40-7) | Not applicable. | Not applicable. |
| GERANIOL (106-24-1) | Not applicable. | Not applicable. |
| CITRONELLOL (106-22-9) | Not applicable. | Not applicable. |
| LIMONENE (5989-27-5) | Not applicable. | Not applicable. |
| PINENES (127-91-3) | Not applicable. | Not applicable. |
| MYRCENE (123-35-3) | Not applicable. | Not applicable. |

PERSONAL PROTECTIVE EQUIPMENT: Avoid all unnecessary exposure.

EYE PROTECTION: None under normal use.

SKIN PROTECTION: In case of repeated or prolonged contact wear gloves.

RESPIRATORY PROTECTION: None under normal use.

OTHER INFORMATION: Do not eat, drink or smoke during use.

9. Physical & Chemical Properties

| | | | |
|---|--------------------|--|--------------------|
| APPEARANCE: | | FLAMMABILITY(solid/gas): | No data available. |
| Physical State: | Liquid. | EXPLOSIVE LIMITS: | No data available. |
| Color: | Colorless | EXPLOSIVE PROPERTIES: | No data available. |
| ODOR: | Characteristic | OXIDIZING PROPERTIES: | No data available. |
| ODOR THRESHOLD: | No data available. | VAPOR PRESSURE: | No data available. |
| pH: | 4.7-5.7 | RELATIVE DENSITY: | 0.925-0.935 |
| MELTING POINT: | No data available. | RELATIVE EVAPORATION RATE (butylacetate=1): | No data available. |
| FREEZING POINT: | No data available. | SOLUBILITY: | No data available. |
| LOG POW: | No data available. | AUTO-IGNITION TEMP: | No data available. |
| VISCOSITY(dynamic/kinematic): | No data available. | DECOMPOSITION TEMP: | No data available. |
| SPECIFIC GRAVITY: | | FLASH POINT: | 25 °F (-4°C) |
| BOILING POINT: | 133 °F (56°C) | LOG KOW: | No data available. |
| Relative vapor density at 20 °C: | No data available. | | |

10. Stability & Reactivity Information

REACTIVITY:

No additional information available.

CHEMICAL STABILITY:

Highly flammable liquid and vapor. May form flammable/explosive vapor-air mixture.

POSSIBILITY OF HAZARDOUS REACTIONS:

Not established.

INCOMPATIBLE MATERIALS:

Strong acids. Strong bases.

CONDITIONS TO AVOID:

Direct sunlight. Extremely high or low temperatures. Open flame.

DECOMPOSITION PRODUCTS:

Fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

11. Toxicological Information

ACUTE TOXICITY: Not classified.

Alcohol (64-17-5)

| | |
|----------------------------|---------------------------|
| LD50 oral rat | 7060 mg/kg |
| LD50 dermal rabbit | > 16000 mg/kg |
| LC50 inhalation rat (mg/l) | > 20 mg/l/4h |
| ATE US (oral) | 7060,000 mg/kg bodyweight |

SKIN CORROSION/IRRITATION:

Causes skin irritation. pH 4.7-5.7

SERIOUS EYE DAMAGE/IRRITATION:

Causes serious eye irritation. pH 4.7-5.7

RESPIRATORY OR SKIN SENSITIZATION:

May cause an allergic skin reaction.

GERM CELL MUTAGENICITY:

Not classified.

CARCINOGENIC INFORMATION:

Not classified.

REPRODUCTIVE TOXICITY:

Not classified.

SPECIFIC TARGET ORGAN TOXICITY (single exposure):

May cause drowsiness or dizziness.

SPECIFIC TARGET ORGAN TOXICITY (repeated exposure):

Not classified.

ASPIRATION HAZARD:

Not classified.

POTENTIAL ADVERSE HUMAN HEALTH EFFECTS AND SYMPTOMS:

Based on available data, the classification criteria are not met.

SYMPTOMS/INJURIES AFTER INHALATION:

May cause an allergic skin reaction. May cause drowsiness or dizziness.

SYMPTOMS/INJURIES AFTER SKIN CONTACT:

Causes skin irritation.

SYMPTOMS/INJURIES AFTER EYE CONTACT:

Causes serious eye irritation.

12. Ecological Information

TOXICITY:

Alcohol (64-17-5)

| | |
|-------------|------------|
| LC50 fish 1 | 13000 mg/l |
|-------------|------------|


| | |
|---|---|
| EC50 Daphnia 1 | 9300 mg/l |
| EC50 other aquatic organisms 1 | 275 mg/l EC50 waterflea (48 h) 5012 mg/l IC50 algea (72 h) mg/l |
| Acetone (67-64-1) | |
| LC50 fish 1 | 5540 mg/l |
| EC50 other aquatic organisms 1 | 3400 mg/l EC50 waterflea (48 h) |
| EC50 other aquatic organisms 2 | 12600 mg/l IC50 algea (72 h) mg/l |
| AMYL CINNAMAL (122-40-7) | |
| LC50 fish 1 | 3 mg/l |
| EC50 other aquatic organisms 1 | 1,89 mg/l EC50 waterflea (48 h) |
| EC50 other aquatic organisms 2 | 1,1 mg/l IC50 algea (72 h) mg/l |
| CITRONELLOL (106-22-9) | |
| LC50 fish 1 | 10 mg/l |
| EC50 other aquatic organisms 1 | 2,38 mg/l EC50 waterflea (48 h) |
| EC50 other aquatic organisms 2 | 17,48 mg/l IC50 algea (72 h) mg/l |
| PERSISTENCE AND DEGRADABILITY | |
| PUMP 18V OCEAN MIST | |
| Persistence and degradability | Not established. |
| Alcohol (64-17-5) | |
| Persistence and degradability | Not established. |
| Acetone (67-64-1) | |
| Persistence and degradability | Not established. |
| BIOACCUMULATIVE POTENTIAL | |
| PUMP 18V OCEAN MIST | |
| Bioaccumulative potential | Not established. |
| Alcohol (64-17-5) | |
| Bioaccumulative potential | Not established. |
| Acetone (67-64-1) | |
| Bioaccumulative potential | Not established. |
| MOBILITY IN SOIL: | No additional information available. |
| EFFECT ON OZONE LAYER: None to our knowledge | |
| EFFECT ON THE GLOBAL WARMING: No known ecological damage caused by this product. | |
| OTHER INFORMATION: Avoid release to the environment. | |

13. Disposal Consideration

Dispose in a safe manner in accordance with local/national regulations. Handle empty containers with care because residual vapors are flammable. Avoid release to the environment.

14. Transportation Information

In accordance with DOT
Transport document description : UN1993 Flammable liquids, n.o.s. (CONTAINS ; Alcohol(64-17-5) ; Acetone(67-64-1)), 3, II
UN-No.(DOT) : UN1993
Proper Shipping Name (DOT) : Flammable liquids, n.o.s. CONTAINS ; Alcohol(64-17-5) ; Acetone(67-64-1)
Department of Transportation (DOT) Hazard Classes: 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
Hazard labels (DOT) : 3 - Flammable liquid



DOT Symbols : G - Identifies PSN requiring a technical name
Packing group (DOT) : II - Medium Danger
DOT Special Provisions (49 CFR 172.102) : IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1).
Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized.
T7 - 4 178.274(d)(2) Normal..... 178.275(d)(3)
TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = 97 / (1 + a (tr - tf))
Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.
TP8 - A portable tank having a minimum test pressure of 1.5 bar (150 kPa) may be used when the flash point of the hazardous material transported is greater than 0 C (32 F).
TP28 - A portable tank having a minimum test pressure of 2.65 bar (265 kPa) may be used provided the calculated test pressure is 2.65 bar or less based on the MAWP of the hazardous material, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.

DOT Packaging Exceptions (49 CFR 173.xxx) : 150
DOT Packaging Non Bulk (49 CFR 173.xxx) : 202
DOT Packaging Bulk (49 CFR 173.xxx) : 242
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27): 5 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75): 60 L
DOT Vessel Stowage Location : B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.

Other information : No supplementary information available.
ADR
Transport document description : UN 1993 FLAMMABLE LIQUID, N.O.S., 3, II, (D/E)
Packing group (ADR) : II

Class (ADR) : 3 - Flammable liquid.
Hazard identification number (Kemler No.) : 33.
Classification code (ADR) : F1
Danger labels (ADR) : 3 - Flammable liquids.



Orange plates



Tunnel restriction code (ADR) : D/E
LQ : 11

Excepted quantities (ADR) : E2

Transport by sea

UN-No. (IMDG) : 1993.

Proper Shipping Name (IMDG) : FLAMMABLE LIQUID, N.O.S.

Class (IMDG) : 3 - Flammable liquids.

Packing group (IMDG) : II - substances presenting medium danger.

Air transport

UN-No. (IATA) : 1993

Proper Shipping Name (IATA) : Flammable liquid, n.o.s.

Class (IATA) : 3 - Flammable Liquids.

Packing group (IATA) : II - Medium Danger.

15. Regulatory Information

Alcohol (64-17-5)

Not listed on the United States SARA Section 313

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Acetone (67-64-1)

Listed on United States SARA Section 313

Listed on the United States TSCA (Toxic Substances Control Act) inventory

AMYL CINNAMAL (122-40-7)

Not listed on the United States SARA Section 313

Listed on the United States TSCA (Toxic Substances Control Act) inventory

GERANIOL (106-24-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Not listed on the United States SARA Section 313

CITRONELLOL (106-22-9)

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

Listed on the United States TSCA (Toxic Substances Control Act) inventory

LIMONENE (5989-27-5)

Not listed on the United States SARA Section 313

Listed on the United States TSCA (Toxic Substances Control Act) inventory

PINENES (127-91-3)

Not listed on the United States SARA Section 313

Listed on the United States TSCA (Toxic Substances Control Act) inventory

MYRCENE (123-35-3)

Not listed on the United States SARA Section 313

Listed on the United States TSCA (Toxic Substances Control Act) inventory

INTERNATIONAL REGULATIONS:

CANADA: No additional information available.

EU-REGULATIONS: No additional information available.

CLASSIFICATION ACCORDING TO REGULATION (EC) NO. 1272/2008 {CLP}:

Eye Irrit. 2 H319

STOT SE 3 H336

Aquatic Chronic 3 H412

Full text of H-phrases: see section 16

CLASSIFICATION ACCORDING TO DIRECTIVE 67/548/EEC {DSD} OR 1999/45/EC {DPD}:

National regulations.

US STATE REGULATIONS:

Alcohol (64-17-5)

U.S. -New York - RTK list Hazardous Substances

Acetone (67-64-1)

U.S. -New York - RTK list Hazardous Substances


U.S. - Pennsylvania - RTK (Right to Know) List

16. Other Information

FULL TEXT OF H-PHRASES:

Aquatic Acute 1 Hazardous to the aquatic environment — Acute Hazard, Category 1
 Aquatic Chronic 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1
 Aquatic Chronic 2 Hazardous to the aquatic environment — Chronic Hazard, Category 2
 Asp. Tox. 1 Aspiration hazard, Category 1
 Eye Dam. 1 Serious eye damage/eye irritation, Category 1
 Eye Irrit. 2A Serious eye damage/eye irritation, Category 2A
 Flam. Liq. 2 Flammable liquids, Category 2
 Flam. Liq. 3 Flammable liquids, Category 3
 Skin Irrit. 2 Skin corrosion/irritation, Category 2
 Skin Sens. 1 Sensitization — Skin, category 1
 STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Narcosis
 STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
 H225 Highly flammable liquid and vapor
 H226 Flammable liquid and vapor
 H304 May be fatal if swallowed and enters airways
 H315 Causes skin irritation
 H317 May cause an allergic skin reaction
 H318 Causes serious eye damage
 H319 Causes serious eye irritation
 H335 May cause respiratory irritation
 H336 May cause drowsiness or dizziness
 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

N/A = Not Applicable; N/D = Not Determined

| HMIS RATING | NFPA | | | | | | | | | | | | |
|--|--------------------------|--------------------------|----------|---------------------|--------------------------|----------|------------------------|--------------------------|----------|----------------------------|--------------------------|--|--|
| <table border="1"> <tr> <td data-bbox="243 800 527 863">HEALTH</td> <td data-bbox="527 800 581 863"><input type="checkbox"/></td> <td data-bbox="581 800 651 863">2</td> </tr> <tr> <td data-bbox="243 863 527 926">FLAMMABILITY</td> <td data-bbox="527 863 581 926"><input type="checkbox"/></td> <td data-bbox="581 863 651 926">3</td> </tr> <tr> <td data-bbox="243 926 527 989">PHYSICAL HAZARD</td> <td data-bbox="527 926 581 989"><input type="checkbox"/></td> <td data-bbox="581 926 651 989">1</td> </tr> <tr> <td data-bbox="243 989 527 1041">PERSONAL PROTECTION</td> <td data-bbox="527 989 581 1041"><input type="checkbox"/></td> <td data-bbox="581 989 651 1041"></td> </tr> </table> | HEALTH | <input type="checkbox"/> | 2 | FLAMMABILITY | <input type="checkbox"/> | 3 | PHYSICAL HAZARD | <input type="checkbox"/> | 1 | PERSONAL PROTECTION | <input type="checkbox"/> | |  |
| HEALTH | <input type="checkbox"/> | 2 | | | | | | | | | | | |
| FLAMMABILITY | <input type="checkbox"/> | 3 | | | | | | | | | | | |
| PHYSICAL HAZARD | <input type="checkbox"/> | 1 | | | | | | | | | | | |
| PERSONAL PROTECTION | <input type="checkbox"/> | | | | | | | | | | | | |

DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.