

## Air Essentials -Crisp Linen

MSDS Number: AE55B

Revision Date: 10/23/2014

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|          |   |
|----------|---|
| <b>1</b> | <b>PRODUCT AND COMPANY IDENTIFICATION</b> |
|----------|---|

### Manufacturer

Wechem, Inc  
5734 Susitna Dr  
Harahan, LA 70123

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**Web:** www.wechem.com

**Product Name:** Air Essentials -Crisp Linen  
**Revision Date:** 10/23/2014  
**MSDS Number:** AE55B  
**Product Code:** AE55  
**Product Use:** Air Freshener

Emergency Telephone Number:  
INFOTRAC  
1-800-535-5053

|          |                               |
|----------|-------------------------------|
| <b>2</b> | <b>HAZARDS IDENTIFICATION</b> |
|----------|-------------------------------|

**Route of Entry:** Ingestion, skin absorption, eye, inhalation

**Target Organs:** May cause narcotic effects.

**Inhalation:** My cause drowsiness and dizziness. Headache. Nausea, vomiting. Narcotic effects. Prolonged inhalation may be harmful.

**Skin Contact:** No adverse effects due to skin contact are expected.

**Eye Contact:** Cause serious eye irritation.

**Ingestion:** Expected to be a low ingestion hazard.

| PERSONAL PROTECTION INDEX |  |          |  |          |  |          |  |          |  |                        |  |          |   |  |  |  |  |  |  |  |  |  |  |
|---------------------------|--|----------|--|----------|--|----------|--|----------|--|------------------------|--|----------|---|--|--|--|--|--|--|--|--|--|--|
| <b>A</b>                  |  |          |  |          |  |          |  |          |  |                        |  | <b>G</b> |   |  |  |  |  |  |  |  |  |  |  |
| <b>B</b>                  |  |          |  |          |  |          |  |          |  |                        |  | <b>H</b> |   |  |  |  |  |  |  |  |  |  |  |
| <b>C</b>                  |  |          |  |          |  |          |  |          |  |                        |  | <b>I</b> |   |  |  |  |  |  |  |  |  |  |  |
| <b>D</b>                  |  |          |  |          |  |          |  |          |  |                        |  | <b>J</b> |   |  |  |  |  |  |  |  |  |  |  |
| <b>E</b>                  |  |          |  |          |  |          |  |          |  |                        |  | <b>K</b> |   |  |  |  |  |  |  |  |  |  |  |
| <b>F</b>                  |  |          |  |          |  |          |  |          |  |                        |  | <b>X</b> | Consult your supervisor or S.O.P. for "SPECIAL" handling directions |  |  |  |  |  |  |  |  |  |  |
| <b>A</b>                  |  | <b>n</b> |  | <b>o</b> |  | <b>p</b> |  | <b>q</b> |  | <b>r</b>               |  | <b>s</b> |   |  |  |  |  |  |  |  |  |  |  |
| <b>t</b>                  |  | <b>u</b> |  | <b>w</b> |  | <b>y</b> |  | <b>z</b> |  | Additional Information |  |          |   |  |  |  |  |  |  |  |  |  |  |

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GHS Signal Word:

DANGER

GHS Hazard Pictograms:



GHS Classifications:

- Physical, Flammable Aerosols, 1
- Health, Serious Eye Damage/Eye Irritation, 2 A
- Health, Specific target organ toxicity - Single exposure, 3
- Environmental, Hazards to the aquatic environment - Acute, 2
- Environmental, Hazards to the aquatic environment - Chronic, 2

GHS Phrases:

- H222 - Extremely flammable aerosol
- H319 - Causes serious eye irritation
- H336 - May cause drowsiness or dizziness
- H401 - Toxic to aquatic life
- H411 - Toxic to aquatic life with long lasting effects

GHS Precautionary Statements:

- P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
- P211 - Do not spray on an open flame or other ignition source.
- P251 - Pressurized container: Do not pierce or burn, even after use.
- P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
- P264 - Wash thoroughly after handling.
- P271 - Use only outdoors or in a well-ventilated area.
- P273 - Avoid release to the environment.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do.

Continue rinsing.

- P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
- P337 - If eye irritation persists: Get medical advice/attention.
- P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- P403 - Store in a well ventilated place.
- P233 - Keep container tightly closed.
- P405 - Store locked up.
- P410+412 - 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.

30.36% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 30.36% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

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### COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients:**

| Cas #                                       | Chemical Name                        | Perc.   | OSHA PEL<br>(ppm) | ACGIH<br>TLV(ppm) | Carcin.<br>Ref. |
|---|--------------------------------------|---------|-------------------|-------------------|-----------------|
| 67-64-1                                     | Acetone                              | 60-80%  | 1000              | 500               | D               |
| 106-97-8                                    | Butane                               | 10-20%  | 1000              | NA                | D               |
| 74-98-6                                     | Propane                              | 10-20%  | 1000              | NA                | D               |
| 111-90-0                                    | Diethylene glycol<br>monoethyl ether | 1-2.5%  | NA                | NA                | D               |
| Other components below<br>reportable levels |                                      | 2.5-10% |                   |                   |                 |

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### FIRST AID MEASURES

- 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.
- Skin Contact:** Wash off with soap and water. Get medical attention if irritation develops and persists.
- Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.
- Ingestion:** In the unlikely event of swallowing, contact a physician or poison control center. Rinse mouth.

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### FIRE FIGHTING MEASURES

**Flammability:** Extremely flammable aerosol  
**Flash Point:** -156 Deg F (-104.4 Deg C) Propellant estimated

Extinguishing media: Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>). Do not use water jet as an extinguisher, as this will spread the fire.

Unusual Fire & Explosion Hazard: Contents under pressure. Pressurized container may explode when exposed to heat or flame.

Special Fire fighting procedures: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Use standard firefighting procedures and consider the hazards of other involved materials. Move container from fire area if it can be done without risk. In the event of fire and/or explosion do not breathe fumes.

Extremely flammable aerosol.

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### ACCIDENTAL RELEASE MEASURES

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move cylinder to a safe and open area if the leak is irreparable. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

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### HANDLING AND STORAGE

**Handling Precautions:**

Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid breathing mist or vapor. Avoid contact with eyes. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

Level 3 Aerosol

**Storage Requirements:**

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50C/122F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Refrigeration recommended. Store away from incompatible materials ( see Section 10 of the SDS).

Level 3 Aerosol.

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### EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:**

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established maintain airborne levels to an acceptable level. Provide eyewash station.

**Personal Protective Equip:**

Respiratory Protection: Chemical respirator with organic vapor cartridge and full facepiece.

Protective gloves: Use chemical resistant gloves if hand contact will be made.

Eye protection: Chemical respirator with organic vapor cartridge and full facepiece.

Wear appropriate chemical resistant clothing.

Wear appropriate thermal protective clothing, when necessary.

When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

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### PHYSICAL AND CHEMICAL PROPERTIES

|                            |                              |                     |  |
|----------------------------|------------------------------|---------------------|--|
| <b>Appearance:</b>         | Aerosol                      | <b>Flash Point:</b> | -156 Deg F (-104.4 Deg C) Propellant estim |
| <b>Physical State:</b>     | Gas                          | <b>VOC:</b>         | 29.99%                                     |
| <b>Spec Grav./Density:</b> | (H2O=1): 0.16 estimated      | <b>UFL/LFL:</b>     | 9.5% / 1.9%                                |
| <b>Boiling Point:</b>      | 132.89 F (56.05 C) estimated |                     |  |
| <b>Flammability:</b>       | Extremely Flammable          |                     |  |

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### STABILITY AND REACTIVITY

|                                  |  |
|----------------------------------|--|
| <b>Stability:</b>                | Stable and non-reactive under normal conditions of use, storage and transport.     |
| <b>Conditions to Avoid:</b>      | Avoid temperatures exceeding the flash point. Contact with incompatible materials. |
| <b>Materials to Avoid:</b>       | Strong oxidizing agents. Fluorine. Chlorine. Nitrates.                             |
| <b>Hazardous Decomposition:</b>  | No hazardous decomposition products are known.                                     |
| <b>Hazardous Polymerization:</b> | Will not occur   |

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### TOXICOLOGICAL INFORMATION

Ingestion Expected to be a low ingestion hazard.

Inhalation My cause drowsiness and dizziness. Headache. Nausea, vomiting. Narcotic effects. Prolonged inhalation may be harmful.

Skin contact No adverse effects due to skin contact are expected.

Eye contact Causes serious eye irritation.

May cause drowsiness and dizziness. Headache. Nausea, vomiting. Irritation of nose and throat. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

7 oz. Crisp Linen (CAS Mixture)

Dermal LD50 10664.0859 mg/kg, 24h estimated (Guinea Pig)

LD50 13.4988 ml/kg, 24h estimated (Guinea Pig)

LD50 13.4988 ml/kg, 24h estimated (Rabbit)

Inhalation LC100 358.2375% estimated (Cat)

LC50 4923.7749 mg/l, 120 mins. estimated (Mouse)

LC50 206.9816 %, 120 mins, estimated (Mouse)

LC50 63.6867 mm/l, 2h estimated (Mouse)

LC50 79987.8203 ppm, 4h estimated (Rat)

LC50 51836.9609 ppm, 4 h, estimated (Rat)

LC50 2619.114 mg/l, 4h, estimated (Rat)

LC50 76.2841 mg/l estimated (Rat)

Oral LD50 8181.02 mg/kg estimated (Rat)

LD50 3.137 ml/kg estimated (Rat)

Components

Acetone (67-64-1)

Dermal LD50 >7426 mg/kg, 24 hours (Guinea pig)

LD50 >9.4 ml/kg, 24 hours (Guinea pig)

LD50 >7426 mg/kg, 24 hours (Rabbit)

LD50 >9.4 ml/kg, 24 hours (Rabbit)

Inhalation LC50 55700 ppm, 3 hours (Rat)

LC50 132 mg/l, 3 hours (Rat)

LC50 50.1 mg/l

Oral LD50 5800 mg/kg (Rat)

LD50 2.2 ml/kg (Rat)

Butane (CAS 106-97-8)

Inhalation LC50 1237 mg/l, 120 mins. (Mouse)

LC50 52%, 120 minutes (Mouse)

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LC50 1355 mg/l (Rat)

Diethylene glycol monoethyl ether (CAS 111-90-0)

Dermal LD50 5900 mg/kg, Days (Guinea pig)

LD50 8500 mg/kg, 2 h, (Rabbit)

LD50 8476 mg.kg, 24 h, (Rabbit)

LD50 7714 mg/kg (Rabbit)

Oral LD50 4970 mg/kg (Guinea pig)

LD50 6031 mg/kg (Mouse)

LD50 5600 mg/kg (Rabbit)

LD50 5600 mg/kg (Rat)

LD50 5.4 ml/kg (Rat)

Propane (CAS 74-98-6)

Inhalation LC50 1237 mg/l, 120 mins. (Mouse)

LC50 52%, 120 minutes (Mouse)

LC50 1355 mg/l (Rat)

LC50 658 mg/l, 4h (Rat)

Prolonged skin contact may cause temporary irritation.

Causes serious eye irritation.

This product is not expected to cause skin sensitization.

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

This product is not considered to be a carcinogen by IARC,ACGIH, NTP, or OSHA.

This product is not expected to cause reproductive or developmental effects.

Product may cause drowsiness and dizziness.

Prolonged inhalation may be harmful.

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### ECOLOGICAL INFORMATION

#### Ecotoxicity

Toxic to aquatic life with long lasting effects.

7 oz. Crisp Linen (CAS Mixture)

Crustacea EC50 7254.9648, 48h estimated (Daphnia)

Fish LC50 11982.7188 mg/L, 96h estimated (Fish)

#### Components:

Acetone ( CAS 67-64-1)

Crustacea EC50 21.6-23.9 mg/l 48 hrs Water flea (Daphnia magna)

Fish LC50 4740-6330 mg/l 96 hrs Rainbow trout, donaldson trout (Oncorhynchus mykiss)

Diethylene glycol monoethyl ether (CAS 111-90-0)

Fish LC50 >10000 mg/l, 96 h, Bluegill (Lepomis macrochirus)

No data is available on the degradability of this product.

No data on bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)

Acetone -0.24

Butane 2.89

Diethylene glycol monoethyl ether -0.54

Propane 2.36

No data on the mobility in soil.

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

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### DISPOSAL CONSIDERATIONS

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Dispose in accordance with all applicable regulations.

The waste code should be assigned in discussion between user, the producer and the waste disposal company.

US RCRA Hazardous Waste U List: Reference

Acetone (CAS 67-64-1) U002

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see Disposal instructions).

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.



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### TRANSPORT INFORMATION

#### DOT

UN number UN1950  
UN proper shipping name Aerosols, flammable  
Transport hazard class(es)  
Class 2.1  
Subsidiary risk -  
Label(s) 2.1  
Packing group Not applicable  
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.  
Special provisions N82  
Packaging exceptions 306  
Packaging non bulk None  
Packaging bulk None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity until 12/31/2020, the "Consumer Commodity-ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/21/20 and may be used now in place of the "Consumer Commodity ORM-D" marking on both and may be displayed concurrently.

#### IATA

UN number UN1950  
UN proper shipping name Aerosols, flammable  
Transport hazard class(es)  
Class 2.1  
Subsidiary risk -  
Label(s) 2.1  
Packing group Not applicable  
Environmental hazards Yes  
ERG Code 10L  
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.  
Other information  
Passenger and cargo Allowed  
Aircraft  
Cargo aircraft only Allowed  
Packaging exceptions LTD QTY

#### IMDG

UN number UN1950  
UN proper shipping name AEROSOLS  
Transport hazard class(es)  
Class 2.1  
Subsidiary risk -  
Label(s) 2.1  
Packing group Not applicable  
Environmental hazards  
Marine pollutant Yes  
EmS F-D, S-U  
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.  
Packaging exceptions LTD QTY  
Transport in bulk according to AnnexII of MARPOL 73/78 and Not applicable.

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the IBC Code



|           |                               |
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| <b>15</b> | <b>REGULATORY INFORMATION</b> |
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COMPONENT / (CAS/PERC) / CODES

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- \*Acetone (67641 60-80%) CERCLA, HAP, MASS, NJHS, OSHAWAC, PA, TOXICRCRA, TSCA, TXAIR, TXHWL
- \*Butane (106978 10-20%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR
- \*Propane (74986 10-20%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR
- \*Diethylene glycol monoethyl ether (111900 1-2.5%) HAP, TSCA, TXAIR

REGULATORY KEY DESCRIPTIONS

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MASS = MA Massachusetts Hazardous Substances List  
 OSHAWAC = OSHA workplace Air Contaminants  
 PA = PA Right-To-Know List of Hazardous Substances  
 TXAIR = TX Air Contaminants with Health Effects Screening Level  
 CERCLA = Superfund clean up substance  
 HAP = Hazardous Air Pollutants  
 NJHS = NJ Right-to-Know Hazardous Substances  
 TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)  
 TSCA = Toxic Substances Control Act  
 TXHWL = TX Hazardous Waste List

|           |                          |
|-----------|--------------------------|
| <b>16</b> | <b>OTHER INFORMATION</b> |
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We believe the statements technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. \*\* Chemical listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not listed [e] Animal data only  
 N/A = Not available                      N/D = Not determined