

Air Essentials - Orange Slice ( Rev. 8/24/2023)

SDS Number: AE60B

Revision Date: 8/23/2023

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## PRODUCT AND COMPANY IDENTIFICATION

### Manufacturer

Wechem, Inc  
5734 Susitna Dr  
Harahan, LA 70123

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**Product Identifier:** Air Essentials - Orange Slice ( Rev. 8/24/2023)  
**SDS Number:** AE60B  
**Product Code:** AE55  
**Revision Date:** 8/23/2023  
**Product Use:** Metered Air Freshener

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

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## HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture

#### GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Physical, Flammable Aerosols, 1  
Physical, Gases Under Pressure, Compressed Gas  
Health, Serious Eye Damage/Eye Irritation, 2 A  
Health, Specific target organ toxicity - Single exposure, 3

### GHS Label Elements, Including Precautionary Statements

**GHS Signal Word: DANGER**

**GHS Hazard Pictograms:**



#### GHS Hazard Statements:

H222 - Extremely flammable aerosol  
H280 - Contains gas under pressure; may explode if heated  
H319 - Causes serious eye irritation  
H336 - May cause drowsiness or dizziness

#### GHS Precautionary Statements:

P102 - Keep out of reach of children.  
P103 - Read label and SDS before use.  
P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking  
P211 - Do not spray on an open flame or other ignition source.  
P233 - Keep container tightly closed.  
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.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

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P302 + P350 - IF ON SKIN: Wash with plenty of soap and water.  
 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.  
 P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.  
 P337 - If eye irritation persists: Get medical advice/attention.  
 P363 - Wash contaminated clothing before reuse.  
 P403 - Store in a well ventilated place.  
 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.

### Hazards not Otherwise Classified (HNOC) or not Covered by GHS

**Route of Entry:** Ingestion, skin absorption, eye, inhalation  
**Inhalation:** May cause respiratory tract irritation.  
**Skin Contact:** May cause skin irritation.  
**Eye Contact:** Cause serious eye irritation.  
**Ingestion:** May be harmful if swallowed.

|          |   |
|----------|---|
| <b>3</b> | <b>COMPOSITION/INFORMATION ON INGREDIENTS</b> |
|----------|---|

|          | Chemical Ingredients: |                |
|----------|-----------------------|----------------|
| CAS#     | %                     | Chemical Name: |
| 67-64-1  | 60-80%                | Acetone        |
| 106-97-8 | 5-10%                 | Butane         |
| 74-98-6  | 10-20%                | Propane        |
| N/A      | 1-10%                 | Fragrance      |

|          |                           |
|----------|---------------------------|
| <b>4</b> | <b>FIRST AID MEASURES</b> |
|----------|---------------------------|

**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. Take off contaminated clothing and wash it before reuse.  
**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:** May be harmful if swallowed. Seek medical attention immediately. Do NOT induce vomiting.  
**DANGER.** Extremely flammable. Contents under pressure. Keep away from heat and flame.

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.

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

|          |                               |
|----------|-------------------------------|
| <b>5</b> | <b>FIRE FIGHTING MEASURES</b> |
|----------|-------------------------------|

**Flammability:** Extremely flammable aerosol  
**Flash Point:** < 0 F (liquid portion)  
**Flash Point Method:** Not Available  
 Suitable fire extinguishing media: Use water spray, fog or foam.

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Specific hazards arising from the chemical: Flammable aerosol. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed. Runoff to sewer may create fire or explosion hazard.

Hazardous thermal decomposition products: Carbon Dioxide, Carbon Monoxide

Specific fire-fighting methods: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire fighters: Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode.

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**ACCIDENTAL RELEASE MEASURES****Personal precautions:**

Put on appropriate personal protective equipment (see section 8)

**Environmental precautions and clean-up methods:**

Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all ignition sources. Disperse vapors with water spray. Prevent runoff from entering drains, sewers, streams or other bodies of water. Absorb spill with inert material. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

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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. 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. 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 Equipment:**

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.

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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.

Acetone cas#:(67-64-1) [60-80%]

Components with workplace control parameters

TWA 500 ppm USA. ACGIH Threshold Limit Values  
(TLV)

Eye &amp; Upper Respiratory Tract irritation

Central Nervous System impairment

Hematologic effects

Substances for which there is a Biological Exposure Index or Indices  
(see BEI section)

Not classifiable as a human carcinogen

STEL 750 ppm USA. ACGIH Threshold Limit Values  
(TLV)

Eye &amp; Upper Respiratory Tract irritation

Central Nervous System impairment

Hematologic effects

Substances for which there is a Biological Exposure Index or Indices  
(see BEI section)

Not classifiable as a human carcinogen

STEL 1,000 ppm USA. OSHA - TABLE Z-1 Limits for  
2,400 mg/m<sup>3</sup> Air Contaminants - 1910.1000The acetone STEL does not apply to the cellulose acetate fiber  
industry. It is in effect for all other sectors.TWA 1,000 ppm USA. Occupational Exposure Limits  
2,400 mg/m<sup>3</sup> (OSHA) - Table Z-1 Limits for Air  
ContaminantsThe value in mg/m<sup>3</sup> is approximate.TWA 250 ppm USA. NIOSH Recommended  
590 mg/m<sup>3</sup> Exposure LimitsTWA 750 ppm USA. OSHA - TABLE Z-1 Limits for  
1,800 mg/m<sup>3</sup> Air Contaminants - 1910.1000

Butane cas#:(106-97-8) [5-10%]

Components with workplace control parameters

TWA 800 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants -  
1,900 mg/m<sup>3</sup> 1910.1000

TWA 1,000 ppm USA. ACGIH Threshold Limit Values (TLV)

TWA 1,000 ppm USA. ACGIH Threshold Limit Values (TLV)  
Central Nervous System impairment Cardiac sensitization

TWA 800 ppm USA. NIOSH Recommended Exposure Limits

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 1,900 mg/m<sup>3</sup>

Also see specific listing for Isobutane.

Propane cas#:(74-98-6) [10-20%]

Components with workplace control parameters

 TWA 1,000 ppm USA. ACGIH Threshold Limit Values  
 (TLV)

 Central Nervous System impairment  
 Cardiac sensitization

 TWA 1,000 ppm USA. Occupational Exposure Limits  
 1,800 mg/m<sup>3</sup> (OSHA) - Table Z-1 Limits for Air  
 Contaminants

 The value in mg/m<sup>3</sup> is approximate.

 TWA 1,000 ppm USA. OSHA - TABLE Z-1 Limits for  
 1,800 mg/m<sup>3</sup> Air Contaminants - 1910.1000

 TWA 1,000 ppm USA. NIOSH Recommended  
 1,800 mg/m<sup>3</sup> Exposure Limits

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**PHYSICAL AND CHEMICAL PROPERTIES**

|                            |                                     |                     |                        |
|----------------------------|-------------------------------------|---------------------|------------------------|
| <b>Appearance:</b>         | Clear Spray Mist                    | <b>Odor:</b>        | Pleasant               |
| <b>Physical State:</b>     | Liquid                              | <b>Solubility:</b>  | Insoluble in water     |
| <b>Spec Grav./Density:</b> | (H <sub>2</sub> O=1): 0.8 estimated | <b>Flash Point:</b> | < 0 F (liquid portion) |
| <b>Boiling Point:</b>      | < 0 F (liquid portion)              | <b>VOC:</b>         | 30% Wt.                |
| <b>Flammability:</b>       | Extremely Flammable                 |                     |                        |

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**STABILITY AND REACTIVITY**

|                                  |  |
|----------------------------------|--|
| <b>Reactivity:</b>               | Under normal conditions of storage and use, hazardous reactions will not occur.                              |
| <b>Chemical Stability:</b>       | Stable under normal conditions.  |
| <b>Conditions to Avoid:</b>      | High temperatures, open flames, sparks, welding.<br>Vapors may ignite at temperatures exceeding flash point. |
| <b>Materials to Avoid:</b>       | Acids, strong oxidizers.   |
| <b>Hazardous Decomposition:</b>  | CO, CO <sub>2</sub>  |
| <b>Hazardous Polymerization:</b> | Will not occur   |

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**TOXICOLOGICAL INFORMATION**
**Primary Route of Entry:** Inhalation, eye and skin contact

**Acute/Potential Health Effects:**
**EYES:** Causes serious eye irritation. Symptoms include stinging, tearing and redness.

**SKIN:** May cause skin irritation. Symptoms may include redness and drying of skin.

**INHALATION:** High vapor/aerosol concentrations (>1000 ppm) are irritating to the eyes and respiratory tract. May cause nose, throat and respiratory tract irritation, coughing and headache.

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**INGESTION:** May be harmful if swallowed.

**Chronic / Long Term Effects:** May cause skin sensitization. Overexposure to this material through inhalation may cause central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness).

**Target Organ Effects:** Skin, central nervous system.

**Reproductive/Developmental Information:** None known.

**Carcinogenic Information:** This material is not listed as a carcinogen by IARC, NTP or OSHA.

Acetone cas#:(67-64-1) [60-80%]

Information on toxicological effects

Acute toxicity:

LD50 Oral - rat - 5,800 mg/kg Remarks: Behavioral:Altered sleep time (including change in righting reflex).

Behavioral:Tremor.

LC50 Inhalation - rat - 8 h - 50,100 mg/m<sup>3</sup>

Inhalation: no data available

LD50 Dermal - guinea pig - 7,426 mg/kg

Skin corrosion/irritation: Skin - rabbit Result: Mild skin irritation - 24 h

Serious eye damage/eye irritation: Eyes - rabbit Result: Eye irritation - 24 h

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure: no data available

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Aspiration hazard: no data available

Additional Information:

RTECS: AL3150000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.  
Kidney - Irregularities - Based on Human Evidence

Butane cas#:(106-97-8) [5-10%]

Information on toxicological effects

Acute toxicity:

Oral LD50 no data available

Inhalation LC50 LC50 Inhalation - rat - 4 h - 658,000 mg/m3

Dermal LD50

Other information on acute toxicity

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):  
no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System):  
no data available

Aspiration hazard: no data available

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Potential health effects: Inhalation May be harmful if inhaled. May cause respiratory tract irritation. Ingestion May be harmful if swallowed. Skin May be harmful if absorbed through skin. May cause skin irritation.

Eyes May cause eye irritation.

Signs and Symptoms of Exposure: Central nervous system depression, giddiness, Shortness of breath, narcosis, Dermal contact with rapidly evaporating liquid could result in freezing of the tissues or frostbite., Exposure can cause numbness, tingling, and weakness in extremities., Cyanosis, Pulmonary edema. Effects may be delayed., Abdominal pain, Nausea, Vomiting

Synergistic effects: no data available

Additional Information:

RTECS: EJ4200000

Propane cas#:(74-98-6) [10-20%]

Information on toxicological effects

Acute toxicity: no data available

Inhalation: no data available

Dermal: no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available



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Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: TX2275000

Dizziness, Drowsiness, Unconsciousness

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**ECOLOGICAL INFORMATION**

Acetone cas#:(67-64-1) [60-80%]

Information on ecological effects

LC50 Fish: Rainbow trout -5540 mg/l, 96 hr

LC50 fish: Bluegill/sunfish -8300 mg/l, 95 hr

Toxicity to daphnia and EC50 - Daphnia magna (Water flea) - 13,500.00 mg/l - 48 h.  
other aquatic invertebrates

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

Butane cas#:(106-97-8) [5-10%]

Information on ecological effects

Toxicity: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: no data available

Propane cas#:(74-98-6) [10-20%]

Information on ecological effects

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Toxicity: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

|           |                                |
|-----------|--------------------------------|
| <b>13</b> | <b>DISPOSAL CONSIDERATIONS</b> |
|-----------|--------------------------------|

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.

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.

|           |                              |
|-----------|------------------------------|
| <b>14</b> | <b>TRANSPORT INFORMATION</b> |
|-----------|------------------------------|

|                                  | U.S. DOT Information | IMDG Information  | IATA Information    |
|----------------------------------|----------------------|-------------------|---------------------|
| <b>UN number:</b>                | UN1950               | UN1950            | UN1950              |
| <b>Proper shipping name:</b>     | Aerosols             | Aerosols          | Aerosols, flammable |
| <b>Hazard class:</b>             | 2.1                  | 2.1               | 2.1                 |
| <b>Packaging group:</b>          | N.A.                 | N.A.              | N.A.                |
| <b>Hazardous substance (RQ):</b> | No Data Available    |                   |                     |
| <b>Marine Pollutant:</b>         | No Data Available    | No Data Available |                     |
| <b>Note / Special Provision:</b> | (LTD QTY)            | (LTD QTY)         | (LTD QTY)           |
| <b>Toxic-Inhalation Hazard:</b>  | No Data Available    |                   |                     |

|           |                               |
|-----------|-------------------------------|
| <b>15</b> | <b>REGULATORY INFORMATION</b> |
|-----------|-------------------------------|

[%] RQ (CAS#) Substance - Reg Codes

 -----  
 [60-80%] RQ(5000LBS), Acetone (67-64-1) CERCLA, HAP, MASS, NJHS, OSHAWAC, PA, TOXICRCRA, TSCA, TXAIR, TXHWL

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[5-10%] Butane (106-97-8) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR

[10-20%] Propane (74-98-6) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

### Regulatory Code Legend

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RQ = Reportable Quantity

CERCLA = Superfund clean up substance

HAP = Hazardous Air Pollutants

MASS = MA Massachusetts Hazardous Substances List

NJHS = NJ Right-to-Know Hazardous Substances

OSHA WAC = OSHA Workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

TOXICRCRA = RCRA Toxic Hazardous wastes (U-List)

TSCA = Toxic Substances Control Act

TXAIR = TX Air Contaminants with Health Effects Screening Level

TXHWL = TX Hazardous Waste List

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**OTHER INFORMATION**

We believe the statements technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

N/A = Not available

N/D = Not determined

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