

## MasterBlend Deodorizer Apple, Citrus, Floral

## 1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: MasterBlend Deodorizer Apple, Citrus, Floral  
Common Name: Deodorizer  
SDS Number: Various  
Revision Date: 1/4/2024  
Version: 2  
Internal ID: X780049  
Product Description: Premium Odor Counteractant

Supplier Details: MasterBlend Indiana LLC  
4345 W. 96th St  
Indianapolis, IN 46268

Phone: (800) 525-9644  
Email: info@masterblend.net  
Web: www.masterblend.net  
Emergency: INFOTRAC (800) 535-5053 (USA and Canada); +1 (352) 323-3500 (International)

## 2 HAZARDS IDENTIFICATION

## Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):  
No GHS Classifications Indicated

## GHS Label Elements, Including Precautionary Statements

GHS Signal Word:

GHS Hazard Pictograms:

No GHS pictograms indicated for this product

GHS Hazard Statements:

No GHS hazards statements indicated

GHS Precautionary Statements:

No GHS precautionary statements indicated

## 3 COMPOSITION/INFORMATION OF INGREDIENTS

This material is not considered hazardous by 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

## Chemical Ingredients

| CAS#         | %     | Chemical Name                      |
|--------------|-------|------------------------------------|
| 34590-94-8   | 1-7%  | Dipropylene glycol methyl ether    |
| 57-55-6      | 1-5%  | Propylene glycol                   |
| 5324-84-5    | <1%   | 1-Octanesulfonic acid, sodium salt |
| 67-63-0      | <1%   | Isopropyl alcohol                  |
| 7757-82-6    | <1%   | Sulfuric acid disodium salt        |
| Trade Secret | 1-5%  | Fragrance                          |
| 68439-46-3   | 5-10% | Alcohols, C9-11, ethoxylated       |

\* The exact percentage (concentration) of composition has been withheld as a trade secret.

## 4 FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, obtain medical attention.

Skin Contact: Wash with soap and water.

Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, removing contacts, if present, and lifting eyelids occasionally to facilitate irrigation. Seek medical attention if irritation persists

Ingestion: Rinse mouth with water. Do not induce vomiting. Seek medical attention if you feel unwell.

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| 5 | <b>FIRE FIGHTING MEASURES</b> |
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Use water spray, fog, carbon dioxide (CO<sub>2</sub>), foam or dry chemical.

Unsuitable extinguishing media: Water jet as it may spread fire.

Hazardous Combustion Products:

nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>)

|   |                                    |
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| 6 | <b>ACCIDENTAL RELEASE MEASURES</b> |
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Use personal protective equipment. Ventilate area and wash spill site after material pickup is complete.

Do not discharge into drains.

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| 7 | <b>HANDLING AND STORAGE</b> |
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**Handling Precautions:** Measures to prevent fire as well as aerosol and dust generation.

Use local and general ventilation. Use only in well-ventilated areas.

Advice on general occupational hygiene

Wash hands after use. Do not to eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

**Storage Requirements:** Keep in a cool ventilated area. Keep container tightly closed. Keep out of reach of children

|   |                                              |
|---|----------------------------------------------|
| 8 | <b>EXPOSURE CONTROLS/PERSONAL PROTECTION</b> |
|---|----------------------------------------------|

**Engineering Controls:** Dipropylene glycol methyl ether cas#:(34590-94-8) [17] : No data.

Propylene glycol cas#:(57-55-6) [15] : No data.

1-Octanesulfonic acid, sodium salt cas#:(5324-84-5) [1] : No data.

Isopropyl alcohol cas#:(67-63-0) [1] : No data.

Sulfuric acid disodium salt cas#:(7757-82-6) [1] : No data.

**Personal Protective Equipment:** Personal protective equipment

**Respiratory protection:** Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Hand protection:** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Eye protection:** Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin and body protection:** Impervious clothing., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Dipropylene glycol methyl ether cas#:(34590-94-8) [17]

Components with workplace control parameters

**TWA** 100 ppm **USA. ACGIH Threshold Limit Values (TLV)**  
Eye & Upper Respiratory Tract irritation Central Nervous System impairment Danger of cutaneous absorption

**STEL** 150 ppm **USA. ACGIH Threshold Limit Values (TLV)**  
Eye & Upper Respiratory Tract irritation Central Nervous System impairment Danger of cutaneous absorption

**TWA** 100 ppm **USA. Occupational Exposure Limits (OSHA) - Table Z- 1**  
600 mg/m3 **Limits for Air Contaminants**  
Skin designation The value in mg/m3 is approximate.

**TWA** 100 ppm **USA. OSHA - TABLE Z-1 Limits for Air Contaminants -**  
600 mg/m3 **1910.1000**  
Skin notation

**STEL** 150 ppm **USA. OSHA - TABLE Z-1 Limits for Air Contaminants -**  
900 mg/m3 **1910.1000**  
Skin notation

**TWA** 100 ppm **USA. NIOSH Recommended Exposure Limits**  
600 mg/m3  
Potential for dermal absorption

**ST** 150 ppm **USA. NIOSH Recommended Exposure Limits**  
900 mg/m3  
Potential for dermal absorption

Propylene glycol cas#:(57-55-6) [15]

Components with workplace control parameters

**TWA** 10 mg/m3 **USA. Workplace Environmental Exposure Levels**  
(WEEL)

1-Octanesulfonic acid, sodium salt cas#:(5324-84-5) [1] : No data.

Isopropyl alcohol cas#:(67-63-0) [1]

Components with workplace control parameters

**TWA** 200 ppm **USA. ACGIH Threshold Limit Values**  
(TLV)  
Eye & Upper Respiratory Tract irritation  
Central Nervous System impairment  
Not classifiable as a human carcinogen

**STEL** 400 ppm **USA. ACGIH Threshold Limit Values**  
(TLV)  
Eye & Upper Respiratory Tract irritation  
Central Nervous System impairment  
Not classifiable as a human carcinogen

**TWA** 400 ppm **USA. OSHA - TABLE Z-1 Limits for**  
980 mg/m3 **Air Contaminants - 1910.1000**

**STEL** 500 ppm **USA. OSHA - TABLE Z-1 Limits for**  
1,225 mg/m3 **Air Contaminants - 1910.1000**

**TWA** 400 ppm **USA. Occupational Exposure Limits**  
980 mg/m3 **(OSHA) - Table Z-1 Limits for Air**  
**Contaminants**  
The value in mg/m3 is approximate.

**TWA** 400 ppm **USA. NIOSH Recommended**  
980 mg/m3 **Exposure Limits**

**ST** 500 ppm **USA. NIOSH Recommended**  
1,225 mg/m3 **Exposure Limits**

Sulfuric acid disodium salt cas#:(7757-82-6) [1] : No data.

|   |                                  |
|---|----------------------------------|
| 9 | PHYSICAL AND CHEMICAL PROPERTIES |
|---|----------------------------------|

|                        |                    |                       |                   |
|------------------------|--------------------|-----------------------|-------------------|
| Appearance:            | Colorless          | Odor:                 | No data available |
| Physical State:        | Liquid             | Solubility:           | No data available |
| Odor Threshold:        | No data available  | Freezing/Melting Pt.: | No data available |
| Spec Grav./Density:    | No data available  | Flash Point:          | >96.1° C          |
| Viscosity:             | No data available  | Vapor Density:        | No data available |
| Boiling Point:         | 184° C @ 100.3 kPa | Auto-Ignition Temp:   | 207° C            |
| Partition Coefficient: | No data available  | UFL / LFL:            | No data available |
| Vapor Pressure:        | No data available  |                       |                   |
| pH:                    | 4.3                |                       |                   |
| Evap. Rate:            | No data available  |                       |                   |
| Decomp Temp:           | No data available  |                       |                   |

|    |                          |
|----|--------------------------|
| 10 | STABILITY AND REACTIVITY |
|----|--------------------------|

|                           |                                              |
|---------------------------|----------------------------------------------|
| Reactivity:               | None under normal processing                 |
| Chemical Stability:       | Product is stable under normal conditions.   |
| Conditions to Avoid:      | No information available                     |
| Materials to Avoid:       | None known based on the information provided |
| Hazardous Decomposition:  | None known based on information provided     |
| Hazardous Polymerization: | Not Known                                    |

|    |                           |
|----|---------------------------|
| 11 | TOXICOLOGICAL INFORMATION |
|----|---------------------------|

Dipropylene glycol methyl ether cas#:(34590-94-8) [17]

Information on toxicological effects

Acute toxicity:

Oral LD50 LD50 Oral - rat - 5,152 mg/kg

Inhalation LC50 no data available

Dermal LD50

Other information on acute toxicity

Skin corrosion/irritation: Serious eye damage/eye irritation:

Eyes - rabbit - Mild eye irritation - 24 h

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

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: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects: no data available

Additional Information:

RTECS: JM1575000

Propylene glycol cas#:(57-55-6) [15]

Information on toxicological effects

Acute toxicity:

Oral LD50 LD50 Oral - rat - 20,000 mg/kg

Inhalation LC50 no data available

Dermal LD50 LD50 Dermal - rabbit - 20,800 mg/kg

Other information on acute toxicity LD50 Intramuscular - rat - 14 g/kg

LD50 Intravenous - dog - 26 g/kg

LD50 Intraperitoneal - rat - 6,660 mg/kg

LD50 Subcutaneous - rat - 22,500 mg/kg

LD50 Intravenous - rat - 6,423 mg/kg

LD50 Intraperitoneal - mouse - 9,718 mg/kg

Remarks: Lungs, Thorax, or Respiration:Chronic pulmonary edema. Kidney, Ureter, Bladder:Changes in both tubules and glomeruli. Blood:Changes in spleen.

LD50 Subcutaneous - mouse - 17,370 mg/kg

Remarks: Behavioral:Change in motor activity (specific assay). Behavioral:Muscle contraction or spasticity. Cyanosis

LD50 Intravenous - mouse - 6,630 mg/kg

LD50 Intravenous - rabbit - 6,500 mg/kg

Skin corrosion/irritation: Skin - Human - Mild skin irritation - 7 d

Serious eye damage/eye irritation: Eyes - rabbit - Mild eye irritation

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

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

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: Gastrointestinal disturbance, Nausea, Headache, Vomiting, Central nervous system depression

Synergistic effects: no data available

**Additional Information:**

**RTECS:** TY2000000

**1-Octanesulfonic acid, sodium salt cas#:(5324-84-5) [1]**

**Information on toxicological effects**

**Acute toxicity:**

Oral LD50 no data available

Inhalation LC50

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

**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:** To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**Synergistic effects:** no data available

**Additional Information:**

**RTECS:** Not available

**Isopropyl alcohol cas#:(67-63-0) [1]**

**Information on toxicological effects**

**Acute toxicity:**

LD50 Oral - rat - 5,045 mg/kg Remarks: Behavioral:Altered sleep time (including change in righting reflex). Behavioral:Somnolence (general depressed activity).

LC50 Inhalation - rat - 8 h - 16000 ppm

LD50 Dermal - rabbit - 12,800 mg/kg

no data available

**Skin corrosion/irritation:** Skin - rabbit Result: Mild skin irritation

**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: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2-Propanol)

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

Aspiration hazard: no data available

**Additional Information:**

RTECS: NT8050000

Central nervous system depression, prolonged or repeated exposure can cause:, Nausea, Headache, Vomiting, narcosis, Drowsiness, Overexposure may cause mild, reversible liver effects.  
Kidney - Irregularities - Based on Human Evidence

Sulfuric acid disodium salt cas#:(7757-82-6) [1]

**Information on toxicological effects**

**Acute toxicity:**

LD50 Oral - mouse - 5,989 mg/kg

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

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: WE1650000

**To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.**

Dipropylene glycol methyl ether cas#:(34590-94-8) [17]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - > 10,000 mg/l - 96 h.

Toxicity to daphnia EC50 - Daphnia magna (Water flea) - 1,919 mg/l - 48 h.  
and other aquatic invertebrates

Persistence and degradability: Biodegradability

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: no data available

Propylene glycol cas#:(57-55-6) [15]

Information on ecological effects

Toxicity:

Toxicity to fish mortality NOEC - Pimephales promelas (fathead minnow) - 52,930 mg/l - 96 h.

Toxicity to daphnia mortality NOEC - Daphnia - 13,020 mg/l - 48 h.

and other aquatic invertebrates

EC50 - Daphnia magna (Water flea) - > 10,000 mg/l - 48 h

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

1-Octanesulfonic acid, sodium salt cas#:(5324-84-5) [1]

Information on ecological effects

Toxicity:

Toxicity to daphnia EC50 - Daphnia magna (Water flea) - 3,200 mg/l - 24 h.

and other aquatic invertebrates

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

Isopropyl alcohol cas#:(67-63-0) [1]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 9,640.00 mg/l - 96 h.

Toxicity to daphnia and EC50 - Daphnia magna (Water flea) - 5,102.00 mg/l - 24 h.

other aquatic invertebrates  
Immobilization EC50 - Daphnia magna (Water flea) - 6,851 mg/l - 24 h  
Toxicity to algae EC50 - Desmodesmus subspicatus (green algae) - > 2,000.00 mg/l - 72 h.  
EC50 - Algae - > 1,000.00 mg/l - 24 h

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

Sulfuric acid disodium salt cas#:(7757-82-6) [1]

Information on ecological effects

Toxicity:  
Toxicity to fish LC50 - Gambusia affinis (Mosquito fish) - 120 mg/l - 96 h.  
LC50 - Lepomis macrochirus - 4,380 mg/l - 96 h  
Toxicity to daphnia and Immobilization EC50 - Daphnia - 3,150.21 mg/l - 48 h.  
other aquatic invertebrates

Persistence and degradability: The methods for determining biodegradability are not applicable to inorganic substances.

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: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life.

|    |                         |
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| 13 | DISPOSAL CONSIDERATIONS |
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Waste treatment methods

Product: Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging: Dispose of as unused product.

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| 14 | TRANSPORT INFORMATION |
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Not hazardous product according to these transport classifications.

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|----|------------------------|
| 15 | REGULATORY INFORMATION |
|----|------------------------|

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

[1-7%] Dipropylene glycol methyl ether (34590-94-8) MASS, OSHAWAC, PA, TSCA, TSCAACTV, TXAIR

[1-5%] Propylene glycol (57-55-6) HAP, PA, TSCA, TSCAACTV

[<1%] 1-Octanesulfonic acid, sodium salt (5324-84-5) TSCA, TSCAACTV

[<1%] Isopropyl alcohol (67-63-0) MASS, NJHS, NRC, OSHAWAC, PA, SARA313, TSCA, TSCAACTV, TXAIR

[<1%] Sulfuric acid disodium salt (7757-82-6) TSCA, TSCAACTV

[5-10%] Alcohols, C9-11, ethoxylated (68439-46-3) TSCA, TSCAACTV

All ingredients for this product are listed or are exempt or excluded from being listed on the TSCA inventory.  
SARA Title III chemicals: This product does not contain any chemicals which are subject to the reporting requirements.  
California Prop 65 chemicals: None Known  
CERCLA reportable quantity: This product, as supplied, does not contain any substances regulated as hazardous sustances under the Compehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).  
RCRA hazardous waste no: N/A

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

**Regulatory Code Legend**

- HAP = Hazardous Air Pollutants
- MASS = MA Massachusetts Hazardous Substances List
- NJHS = NJ Right-to-Know Hazardous Substances
- NRC = Nationally Recognized Carcinogens
- OSHAWAC = OSHA Workplace Air Contaminants
- PA = PA Right-To-Know List of Hazardous Substances
- SARA313 = SARA 313 Title III Toxic Chemicals
- TSCA = Toxic Substances Control Act
- TSCAACTV = TSCA Active Chemicals
- TXAIR = TX Air Contaminants with Health Effects Screening Level

|    |                   |
|----|-------------------|
| 16 | OTHER INFORMATION |
|----|-------------------|

The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process, unless specified in the text.

**Author:**  
**Publication Date:**  
**Revision No.**

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