

Revision Date 09/22/2016

SDS REVISION NUMBER: 1

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product name** AIR CARE BLOCK, CITRUS or FRESH RAIN

### Other means of identification

**Product codes** D4658-CITR-000 Citrus  
D4658-RAIN-000 Fresh Rain

**Synonyms** NONE

### Recommended use of the chemical and restrictions on use

**Recommended Use** Air freshener/odor counteractant with citrus or fresh rain fragrance.

**Uses advised against** No information available

### Details of the supplier of the safety data sheet

#### **Manufacturer Address**

Liberty Enterprises  
43 Liberty Drive  
Amsterdam, New York 12010  
www.LibertyCleanProducts.com

### Emergency telephone number

**EMERGENCY TELEPHONE** LIBERTY: 1-518-954-3002  
CHEMTREC: 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin irritation	Category 2
Skin sensitization	Category 1
Reproductive toxicity	Category 2

### Label elements

#### **Emergency Overview**

#### **WARNING**

#### **Hazard statements**

Causes skin irritation  
May cause an allergic skin reaction  
Suspected of damaging fertility or the unborn child



**D4658-CITR:** Appearance White

**D4658-RAIN:** Appearance White

**Physical State** Solid

**Physical State** Solid

**Odor** Citrus

**Odor** Fresh

**Precautionary Statement(s) – Prevention**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary Statement(s) – Response**

IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. IF EXPOSED OR CONCERNED: Get medical advice/attention.

**Precautionary Statement(s) – Storage/Disposal**

Store locked up. Dispose of content and/or container in accordance with local, regional, and/or national regulations.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS – No.</u>	<u>% by Weight</u>	<u>LD50/LC50</u>	<u>OSHA HCS 2012</u>
<b>Fragrance Fresh Rain</b>	NDA	80%	NDA	Flam. Liq. 4; Skin Irrit. 2; Eye Irrit. 2A; Skin Sens. 1; Repr. 2; Asp. Tox. 1
Ether, diphenyl (< 9.9%)	101-84-8	< 7.92%	Ingestion/Oral-Rat LD50 ◦ 2450 mg/kg Skin-Rabbit LD50 ◦ > 7940 mg/kg	Eye Irrit. 2
<b>Fragrance Citrus</b>	NDA	80%	NDA	Flam. Liq. 3; Skin Irrit. 2; Eye Irrit. 2A; Skin Sens. 1; Repr. 2; Asp. Tox. 1
2, 6-Octadienal, 3, 7-dimethyl- (< 25%)	5392-40-5	< 20%	NDA	Flam. Liq. 4; Skin Irrit. 2; Skin Sens. 1; Repr. 2
Phthalic acid, diethyl ester (< 2.6%)	84-66-2	< 2.08%	NDA	Not Classified
Propanol, oxybis-	25265-71-8	20%	Ingestion/Oral-Rat LD50 ◦ 14850 mg/kg Skin-Rabbit LD50 ◦ > 20 mL/kg	Not Classified

### 4. FIRST AID MEASURES

**First aid measures**

<b>Inhalation</b>	IF INHALED: Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.
<b>Skin contact</b>	IF ON SKIN: Immediately flush skin with running water for at least 20 minutes. If irritation develops and persists, get medical attention.
<b>Eye contact</b>	IF IN EYES: Immediately flush eyes with running water for at least 20 minutes.
<b>Ingestion</b>	IF INGESTED: Obtain medical attention immediately.

**Most important symptoms and effects, both acute and delayed**

<b>Symptoms</b>	Refer to Section 11 – Toxicological Information.
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**Indication of any immediate medical attention and special treatment needed**

<b>Note to physicians</b>	All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.
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### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**

LARGE FIRE: Water spray, fog or regular foam.

SMALL FIRES: Dry chemical, CO2, water spray or regular foam.

**Unsuitable extinguishing media**

No data available.

**Specific hazards arising from the substance or mixture**

**Unusual Fire and Explosion Hazards** Some may burn but none ignite readily.  
**Hazardous Combustion Products** No data available

**Protective equipment and precautions for firefighters**

Structural firefighters' protective clothing will only provide limited protection. Wear positive pressure self-contained breathing apparatus (SCBA).

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Do not walk through spilled material. Wear appropriate personal protective equipment.

**Emergency procedures** Keep unauthorized personnel away.

**Environmental precautions**

**Environmental precautions** Avoid run off to waterways and sewers.

**Methods and material for containment and cleaning up**

**Methods for containment** Stop leak if you can do it without risk.

**Methods for cleaning up** Carefully scoop up spilled material and place in suitable container.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on safe handling** Use only with adequate ventilation. Keep out of reach of children. Do not mix with chemicals. Wear appropriate personal protective equipment, avoid direct contact. Avoid breathing dust. Avoid contact with skin, eyes, and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Dispose of according to Federal, State and local regulations.

**Storage Conditions** Store between 4°C (40°F) and 37°C (100°F).

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

Exposure Limits/Guidelines				
Chemical Name	Result	ACGIH	NIOSH	OSHA
Phthalic acid, diethyl ester 84-66-2	TWAs	5 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> TWA	Not established
Ether, diphenyl 101-84-8	TWAs	1 ppm TWA (vapor)	1 ppm TWA (vapor); 7 mg/m <sup>3</sup> TWA (vapor)	1 ppm TWA (vapor); 7 mg/m <sup>3</sup> TWA (vapor)
	STELs	2 ppm STEL (vapor)	Not established	Not established
2,6-Octadienal, 3,7-dimethyl- 5392-40-5	TWAs	5 ppm TWA (inhalable fraction and vapor)	Not established	Not established

**Key to abbreviations**

ACGIH	American Conference of Government Industrial Hygiene
NIOSH	National Institute of Occupational Safety and Health
OSHA	Occupational Safety and Health Administration
STEL	Short Term Exposure Limits are based on 15 minute exposures
TWA	Time Weighted Averages are based on 8 hr/day, 40 hr/week exposures

**Appropriate engineering controls****ENGINEERING CONTROLS**

Good general ventilation 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.

**Individual protection measures, such as personal protective equipment**

**Respiratory protection** In case of insufficient ventilation, wear suitable respiratory equipment.

**Eye/face protection** Wear protective eyewear (goggles, face shield, or safety glasses).

**Skin and body protection** Wear appropriate gloves.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**Environmental Exposure Controls** Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways. Follow best practice for site management and disposal of waste.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

<b>Physical state</b>	Solid		<b>Odor</b>	Citrus or Fresh
<b>Appearance</b>	White Block	I	<b>Odor threshold</b>	No data available
<b>Color</b>	White			

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>
pH	No data available	
Melting point/freezing point	No data available	
Boiling point / boiling range	No data available	
Flash point	Not applicable	
Evaporation rate	No data available	
Flammability (solid, gas)	Not applicable	
Flammability Limit in Air		
Upper flammability limit:	Not applicable	
Lower flammability limit:	Not applicable	
Vapor pressure	No data available	
Vapor density	No data available	
Specific gravity	Not applicable	
Water solubility	No data available	
Solubility in other solvents	No information available	
Partition coefficient	No information available	
Autoignition temperature	No data available	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Explosive properties	No information available	
Oxidizing properties	No information available	
<b><u>Other Information</u></b>		
VOC (EPA METH.24) (G/L):	No information available	
Density	No information available	
Bulk density	No information available	

## 10. STABILITY AND REACTIVITY

**Reactivity**

No dangerous reaction known under conditions of normal use.

**Chemical stability**

Stable under normal temperatures and pressures.

**Possibility of Hazardous Reactions**

Hazardous polymerization will not occur.

**Conditions to Avoid**

Freezing conditions.

**Incompatible materials**

Strong oxidizers.

**Hazardous Decomposition Products**

Not determined.

## 11. TOXICOLOGICAL INFORMATION

Chemical Name	CAS – No.	
2,6-Octadienal, 3,7-dimethyl-( < 20%)	5392-40-5	<b>Acute Toxicity:</b> Ingestion/Oral-Rat LD50 ◦ 3.45 g/kg, <i>Liver: Changes in liver weight; Kidney, Ureter, and Bladder: Changes in kidney weight;</i> Skin-Rabbit LD50◦ 2250 mg/kg; <b>Irritation</b> Skin-Rabbit ◦ 100 mg 24 Hour(s) ◦ Severe irritation; <b>Multi-dose Toxicity:</b> Ingestion/Oral-Rabbit TDLo ◦ 255 mg/kg 13 Week(s)-Intermittent; <i>Kidney, Ureter, and Bladder: Interstitial nephritis; Kidney, Ureter, and Bladder: Proteinuria; Blood: Other changes; Reproductive:</i> Ingestion/Oral-Rat TDLo ◦ 2500 mg/kg (6-15D preg); <i>Reproductive Effects:</i> Effects of Fertility: <b>Female fertility index; Reproductive Effects: Specific Developmental Abnormalities: Other developmental abnormalities;</b> Ingestion/Oral-Rat TDLo ◦ 600 mg/kg (6-50D preg); <i>Reproductive Effects: Maternal Effects: Other effects; Reproductive Effects: Effects on embryo or Fetus: Fetotoxicity (except death, e.g. stunted fetus)</i>
Phthalic acid, diethyl ester (< 2.08%)	84-66-2	<b>Acute Toxicity:</b> Ingestion/Oral-Rat LD50 ◦ 8600 mg/kg; <i>Behavioral: Somnolence (general depressed activity); Behavioral: Withdrawal; Nutritional and Gross Metabolic: Gross Metabolic Changes: Weight loss or decreased weight gain;</i> Inhalation-Rat LC50 ◦ >4640 mg/m <sup>3</sup> 6 hour(s); Skin-Guinea Pig LD50 ◦ >20 mL/kg; <b>Irritation:</b> Skin-Human ◦ 2% 3 Week(s) – Intermittent ◦ Mild irritation; <b>Reproductive:</b> Skin-Rabbit TDLo ◦ 26 mL/kg (6-18D preg); <i>Reproductive Effects: Specific Developmental Abnormalities: Musculoskeletal system; Tumorigen / Carcinogen:</i> Skin-Mouse TDLo ◦ 618 mL/kg 2 Year(s)-Intermittent; <i>Tumorigenic: Equivocal tumorigenic agent by RTECS criteria; Liver: Tumors</i>
Ether, diphenyl (< 7.92%)	101-84-8	<b>Acute Toxicity:</b> Ingestion/Oral-Rat LD50 ◦ 2450 mg/kg; <i>Behavioral: Food intake (animal); Behavioral: Muscle weakness; Gastrointestinal: Other changes;</i> Skin-Rabbit LD50 ◦ > 7940 mg/kg; <i>Behavioral: Somnolence (general depressed activity); Lungs, Thorax, or Respiration: Acute pulmonary edema; Irritation:</i> Eye-Rabbit ◦ 10 ppm 140 Hour(s); Skin-Rabbit ◦ 500 mg 24 Hour(s) ◦ Mild irritation; <b>Multi-dose Toxicity:</b> Ingestion/Oral-Rabbit TDLo ◦ 150 mg/kg 5 Day(s)-Intermittent; <i>Liver: Liver function tests impaired; Endocrine: Evidence of thyroid hypofunction; Blood: Changes in serum composition (e.g., TP, bilirubin cholesterol);</i> Skin-Rat TDLo ◦ 9.1 g/kg 6 Hour(s) 13 Week(s)-Intermittent; <i>Skin and Appendages: After systemic exposure: Dermatitis, other; Reproductive:</i> Ingestion/Oral-Rat TDLo ◦ 2000 mg/kg (6-15D preg); <i>Reproductive Effects: Maternal Effects: Other effects</i>
Propanol, Oxybis-(20%)	25265-71-8	<b>Acute Toxicity:</b> Ingestion/Oral-Rat LD50 ◦ 14850 mg/kg; Skin-Rabbit LD50 ◦ > 20 mL/kg

**Key to abbreviations**

LC Lethal Concentration  
LD Lethal Dose  
TD Toxic Dose

<u>GHS Properties</u>	<u>Classification</u>
Acute toxicity	No data available
Skin corrosion/Irritation	Skin irritation 2
Serious eye damage/Irritation	No data available
Skin sensitization	Skin sensitizer 1
Respiratory sensitization	No data available
Aspiration hazard	No data available
Carcinogenicity	No data available
Germ cell mutagenicity	No data available
Toxicity for reproduction	Toxic to reproduction 2
STOT-SE	No data available
STOT-RE	No data available

**Potential Health Effects****Inhalation**

Acute (immediate)	No data available
Chronic (delayed)	No data available

**Skin contact**

Acute (immediate)	Causes skin irritation. May cause skin sensitization. Symptoms include redness, and skin rash.
Chronic (delayed)	No data available

**Eye contact**

Acute (immediate)	No data available
Chronic (delayed)	No data available

**Ingestion**

Acute (immediate)	No data available
Chronic (delayed)	No data available

**Reproductive Effects**

Repeated and prolonged exposure may cause reproductive effects.

**12. ECOLOGICAL INFORMATION****Toxicity**

Non-mandatory section – information about this substance not compiled for this reason.

**Persistence and degradability**

Non-mandatory section – information about this substance not compiled for this reason.

**Bioaccumulation**

Non-mandatory section – information about this substance not compiled for this reason.

**Mobility in Soil**

Non-mandatory section – information about this substance not compiled for this reason.

**Other adverse effects**

Non-mandatory section – information about this substance not compiled for this reason.

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods**

<b>Disposal of wastes</b>	Dispose of content and/or container in accordance with applicable local, regional, and national laws and regulations.
<b>Contaminated packaging</b>	Dispose of content and/or container in accordance with applicable local, regional, and national laws and regulations.

## 14. TRANSPORT INFORMATION

Proper shipping name                      Not Regulated by DOT

## 15. REGULATORY INFORMATION

### US Federal Regulations

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
Complies

### OSHA – Process Safety Management – Highly Hazardous Chemicals

This material, as supplied, does not contain regulated substances.

### OSHA – Specifically Regulated Chemicals

This material, as supplied, does not contain regulated substances.

### CAA (Clean Air Act) – 1990 Hazardous Air Pollutants

This material, as supplied, does not contain regulated substances.

### CERCLA/SARA – Hazardous Substances and RQ's

<u>Chemical Name</u>	<u>CAS#</u>	<u>RQ</u>
Phthalic acid, diethyl ester	84-66-2	1,000 lb

### CERCLA/SARA 302

This material, as supplied, does not contain regulated substances.

### CERCLA/SARA 313

This material, as supplied, does not contain regulated substances.

### SARA 311/312 Hazard Categories

ACUTE HEALTH HAZARD	Yes
CHRONIC HEALTH HAZARD	Yes

### California Proposition 65 Chemical List

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

### U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

## 16. OTHER INFORMATION

Prepared By                                      Liberty Enterprises, from SiteHawk 05/17/2016.  
Revision Date                                    09/22/2016  
Revision Note

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance 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 process, unless specified in the text.

\*\*\* END OF SDS \*\*\*