



# MATERIAL SAFETY DATA SHEET

## SANTA ICE CRYSTALS

1. Product And Company Identification			
<b>Supplier</b> Chase Products Co. 19th and Gardner Road Broadview, IL 60155 USA  Company Contact: Laura E. Radevski Telephone Number: 708-865-1000 FAX Number: 708-865-0923 E-Mail: sales@chaseproducts.com Web Site: www.chaseproducts.com		<b>Manufacturer</b> Chase Products Co. 19th and Gardner Road Broadview, IL 60155 USA  Company Contact: Laura E. Radevski Telephone Number: 708-865-1000 FAX Number: 708-865-0923 E-Mail: sales@chaseproducts.com Web Site: www.chaseproducts.com	
<b>Supplier Emergency Contacts &amp; Phone Number</b> Chem-Tel: 1-800-255-3924		<b>Manufacturer Emergency Contacts &amp; Phone Number</b> Chem-Tel: 1-800-255-3924	
Issue Date: 08/02/2012  Product Name: SANTA ICE CRYSTALS Chemical Name: 7-4676-1 MSDS Number: 5172 Product Code: 499-0542-2 <b>Product/Material Uses</b> - Christmas item/Ice Crystals			
2. Composition/Information On Ingredients			
Ingredient Name		CAS Number	Percent Of Total Weight
BUTANE		106-97-8	
ETHYL ALCOHOL		64-17-5	
METHANOL		67-56-1	1 - 3
METHYL ISOBUTYL KETONE		108-10-1	< 1
PROPANE		74-98-6	
This product may also contain isobutane (CAS# 75-28-5). Hazardous components, according to OSHA, are listed when present at 1.0% or greater. Carcinogens are listed when present at 0.1% or greater.			
3. Hazards Identification			
<b>Primary Routes(s) Of Entry</b> - Ingestion (possible, but considered unlikely), eye contact, skin contact, inhalation. <b>Eye Hazards</b> - Contact with eyes can cause irritation, burning, tearing, redness and blurred vision. <b>Skin Hazards</b> - Can cause skin irritation after prolonged contact with skin. <b>Ingestion Hazards</b> - This is an aerosol product, ingestion is unlikely to occur. Contains less than 4% methanol. Methanol may be fatal or cause blindness if swallowed. If accidentally swallowed, do not induce vomiting. Call physician or poison control center immediately. <b>Inhalation Hazards</b> - Deliberate inhalation of concentrated vapor or mist may cause headaches, dizziness and nausea. <b>Chronic/Carcinogenicity Effects</b> - Contains methyl isobutyl ketone and methanol. IARC has evaluated and classified Methyl isobutyl ketone as a possibly human carcinogen (group 2B) based on sufficient evidence of carcinogenicity in animals, but inadequate evidence for cancer in exposed humans. California's Proposition 65: "Warning: This product contains chemicals known to the State of California to cause cancer." <b>Teratogenicity (Birth Defects)</b> - Not known			

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### 3. Hazards Identification - Continued

**Reproductive Effects** - Not known

**Neurotoxicity** - Not known

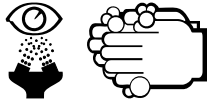
**Mutagenicity (Genetic Effect)** - Not known

**Signs And Symptoms** - Acute: Deliberate inhalation of concentrated vapor or mist may cause headaches, dizziness and nausea. Prolonged and repeated contact with skin can cause irritation. Contact with the eyes causes irritation. Harmful if swallowed.

**Conditions Aggravated By Exposure** - May aggravate pre-existing skin and respiratory disorders.

**Conditions Aggravated By Overexposure** - May aggravate pre-existing skin and respiratory disorders.

### First Aid (Pictograms)



### 4. First Aid Measures

**Eye** - Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lens, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**Skin** - Wash skin with soap and water. If irritation develops, consult a physician.

**Ingestion** - Ingestion from an aerosol product is unlikely to occur. Contains less than 4% methanol. Methanol may be fatal or cause blindness if swallowed. If accidentally swallowed, do not induce vomiting, call physician or poison control center immediately.

**Inhalation** - If overcome by vapor move person to fresh air. If person is not breathing, call 911 or an ambulance, then provide artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advise.

### 5. Fire Fighting Measures

**Flash Point:** Not available °F Not available °C

**Flash Point Method:** Not available

**Lower Explosive Limit:** Not available

**Upper Explosive Limit:** Not available

**Fire And Explosion Hazards** - This product is an aerosol product for which Flame Projection is over 18 in. without flashback. Temperatures above 120 F may cause cans to burst.

**Extinguishing Media** - Use CO2 (Carbon Dioxide), dry chemical, or water fog.

**Fire Fighting Instructions** - Water spray may be used to cool cans in the vicinity of fire or excessive heat.

### 6. Accidental Release Measures

Provide adequate ventilation to area being treated. Soak up spills with chemically inert, absorbent material.

### Handling & Storage (Pictograms)



### 7. Handling And Storage

**Handling And Storage Precautions** - Handle as a flammable material. Do not use near flame or while smoking. Store in a cool, dry place away from heat and open flame.

**Handling Precautions** - Do not deliberately inhale vapor or spray mist. Avoid getting spray into eyes. Keep out of reach of children.

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## SANTA ICE CRYSTALS

### 7. Handling And Storage - Continued

**Storage Precautions** - Keep away from heat, sparks, flame, and other sources of ignition (i.e., pilot lights, electric motors and static electricity). AEROSOL STORAGE LEVEL I (NFPA-30B)

**Work/Hygienic Practices** - Wash thoroughly after handling.

### Protective Clothing (Pictograms)



### 8. Exposure Controls/Personal Protection

**Engineering Controls** - Use with adequate general and local exhaust ventilation. Keep windows and doors open until fumes dissipate.

**Eye/Face Protection** - Conventional eyeglasses to guard against splashing.

**Skin Protection** - Household type gloves, if desired.

**Respiratory Protection** - None required if used in a well-ventilated area.

#### Ingredient(s) - Exposure Limits

BUTANE

ACGIH TLV-TWA 1000 ppm

ETHYL ALCOHOL

ACGIH TLV-TWA 1000 ppm ; OSHA PEL-TWA 1000 ppm

METHANOL

ACGIH TLV-STEL 250 ppm (Skin) ; ACGIH TLV-TWA 200 ppm (Skin) ; OSHA PEL-TWA 200 ppm

METHYL ISOBUTYL KETONE

ACGIH TLV-STEL 75 ppm ; ACGIH TLV-TWA 50 ppm (Notice of Intended Change) ; ACGIH TLV-TWA 20 ppm (Proposed)

OSHA PEL-TWA 100 ppm

PROPANE

ACGIH TLV-TWA 2500 ppm ; OSHA PEL-TWA 1,000 ppm

### 9. Physical And Chemical Properties

**Appearance** - Hazy, pale yellow liquid.

**Odor** - Strong solvent odor.

**Chemical Type:** Mixture

**Physical State:** Liquid

**Melting Point:** Not applicable °F Not applicable °C

**Boiling Point:** Ethyl alcohol 173 °F 78.33 °C

**Specific Gravity:** 0.99 +/- 0.01 concentrate

**Percent VOCs:** 44.85

**pH Factor:** 10.7 to 11.7

**Solubility:** Slightly miscible

**Evaporation Rate:** Faster than butyl acetate

### 10. Stability And Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

**Conditions To Avoid (Stability)** - Temperatures above 120 F

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### 10. Stability And Reactivity - Continued

**Incompatible Materials** - Avoid heat, open flame and contact with strong oxidizers and nitrates.

**Hazardous Decomposition Products** - Thermal decomposition may yield gases like carbon monoxide, carbon dioxide, nitrogen oxides and ammonia.

**Conditions To Avoid (Polymerization)** - Temperatures above 120 F

### 11. Toxicological Information

#### **Ingredient(s) - Carcinogenicity**

METHYL ISOBUTYL KETONE

Listed In The IARC Monographs

### 12. Ecological Information

**Ecotoxicological Information** - No specific ecological data is available for this product. Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

### 13. Disposal Considerations

Do not puncture or incinerate container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions.

### 14. Transport Information

**Proper Shipping Name** - Limited Quantity

#### **Hazard Class**

2.1

#### **DOT Identification Number**

UN1950

#### **DOT Shipping Label**

Aerosol Consumer Commodity

### 15. Regulatory Information

**U.S. Regulatory Information** - All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

#### **SARA Hazard Classes**

Acute Health Hazard; Chronic Health Hazard; Fire Hazard

**SARA Section 313 Notification** - This product contains the following toxic chemicals (above the de minimis level) subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372. This information must be included in all MSDSs that are copied and distributed for this material. This product contains: Methanol. See Section 2 for percent amounts in the product.

#### **Ingredient(s) - U.S. Regulatory Information**

METHANOL

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

METHYL ISOBUTYL KETONE

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

#### **Ingredient(s) - State Regulations**

ETHYL ALCOHOL

New Jersey - Workplace Hazard; New Jersey - Special Hazard; Pennsylvania - Workplace Hazard; Massachusetts -

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### 15. Regulatory Information - Continued

#### Ingredient(s) - State Regulations - Continued

Hazardous Substance; New York City - Hazardous Substance

#### METHANOL

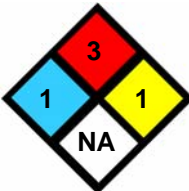
New Jersey - Workplace Hazard; New Jersey - Environmental Hazard; New Jersey - Special Hazard; Pennsylvania - Workplace Hazard; Massachusetts - Hazardous Substance; New York City - Hazardous Substance

#### METHYL ISOBUTYL KETONE

New Jersey - Workplace Hazard; New Jersey - Environmental Hazard; New Jersey - Special Hazard; Pennsylvania - Workplace Hazard; Massachusetts - Hazardous Substance; New York City - Hazardous Substance

#### PROPANE

New Jersey - Workplace Hazard; New Jersey - Environmental Hazard; New Jersey - Special Hazard; Pennsylvania - Workplace Hazard; Massachusetts - Hazardous Substance; New York City - Hazardous Substance

<u>NFPA</u>	<u>HMIS</u>								
	<table border="1"><tr><td>HEALTH</td><td>*1</td></tr><tr><td>FLAMMABILITY</td><td>3</td></tr><tr><td>REACTIVITY</td><td>1</td></tr><tr><td>PERSONAL PROTECTION</td><td>B</td></tr></table>	HEALTH	*1	FLAMMABILITY	3	REACTIVITY	1	PERSONAL PROTECTION	B
HEALTH	*1								
FLAMMABILITY	3								
REACTIVITY	1								
PERSONAL PROTECTION	B								

### 16. Other Information

#### Revision/Preparer Information

MSDS Preparer: Regulatory Department

MSDS Preparer Phone Number: 708-865-1000

This MSDS Supersedes A Previous MSDS Dated: 09/15/2011

#### Disclaimer

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Chase Products Co.

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