



Issue date 10-May-2017

# Safety Data Sheet

Version 3

## 1. Identification of the Substance/Preparation and of the Company/Undertaking

### Product Identifier

**Product name** SANTA ICE CRYSTALS  
**Chemical name** 7-4676-2

### Other means of identification

**Product code** FG 499-0542-3GHS  
**Synonyms** Artificial Ice Crystals

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

**Recommended Use** To decorate windows, mirrors or any glass surface.  
**Uses advised against** Do not spray on varnished, painted or plastic surfaces.

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

**Supplier Address** Chase Products Co.  
2727 Gardner Road  
Broadview, IL 60155  
708-273-1121

**Manufacturer Address** Chase Products Co.  
2727 Gardner Road  
Broadview, IL 60155  
708-273-1121

### Emergency Telephone Number

**Company Phone Number** 708-865-1000  
**24 Hour Emergency Phone Number** 1-800-255-3924  
**Emergency telephone** ChemTel 1-800-255-3924

## 2. Hazards Identification

### Classification

Serious eye damage/eye irritation	Category 2A
FLAMMABLE AEROSOLS	Category 1
Gases Under Pressure	liquefied gas

### Label Elements

#### EMERGENCY OVERVIEW

**DANGER**

#### hazard statements

Causes serious eye irritation  
EXTREMELY FLAMMABLE AEROSOL  
Contains gas under pressure; may explode if heated



**Appearance** Hazy, pale yellow liquid.

**Physical State** Aerosol

**Odor** Strong solvent odor.

### Precautionary Statements - Prevention

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Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves, protective clothing, eye protection and face protection.  
Keep away from heat, sparks, open flames and hot surfaces. — No smoking  
Pressurized container: Do not pierce or burn, even after use  
Do not spray on an open flame or other ignition source

### Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
If eye irritation persists: Get medical advice/attention

### Precautionary Statements - Storage

Protect from sunlight. Store in a well-ventilated place  
Do not expose to temperatures exceeding 122 °F (50 °C)

### Hazards not otherwise classified (HNOC)

#### Other Information

- Toxic to aquatic life with long lasting effects
- Harmful to aquatic life

3.44% of the mixture consists of ingredient(s) of unknown toxicity

## 3. Composition/information on Ingredients

<b>Synonyms</b>	Artificial Ice Crystals.
<b>Chemical Family</b>	MIXTURES.
<b>Formula</b>	7-4676-2
<b>Chemical nature</b>	Aqueous solution of ethanol and other ingredients.

Chemical name	CAS No	weight-%	Trade secret
Ethyl alcohol	64-17-5	35-40	*
Water	7732-18-5	25-30	*
N-Butane	106-97-8	1-5	*
Propane	74-98-6	1-5	*
Methyl Amyl Alcohol	108-11-2	1-5	*

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

## 4. First aid measures

### FIRST AID MEASURES

<b>Eye Contact</b>	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
<b>Skin contact</b>	Wash with soap and water. If irritation develops, consult a physician .
<b>Inhalation</b>	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.
<b>Ingestion</b>	Ingestion from an aerosol product is unlikely to occur. In case of accidental ingestion, do not induce vomiting unless directed by a physician. Seek medical attention immediately.

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

<b>Symptoms</b>	Acute: Prolonged inhalation of concentrated vapor or mist may cause headaches, dizziness and nausea. Prolonged and repeated contact with skin may cause irritation and reddening. Contact with eyes causes irritation.
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**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** None needed.

**5. Fire-fighting measures**

**Suitable extinguishing media**

Dry chemical, CO2 or water spray.

**Unsuitable extinguishing media** Use water spray or fog; do not use straight streams.

**Specific hazards arising from the chemical**

Containers are under pressure. Temperatures above 130 °F may cause cans to burst.

**Hazardous combustion products** Thermal decomposition may yield gases like carbon monoxide, carbon dioxide, nitrogen oxides and ammonia.

**Explosion data**

**Sensitivity to Mechanical Impact** Contents under pressure, keep away from heat and open flame.

**Sensitivity to Static Discharge** Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

**Protective equipment and precautions for firefighters**

Use personal protective equipment as required.

**6. Accidental release measures**

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

**Personal precautions** CONTENTS UNDER PRESSURE. Do not puncture or incinerate cans.

**Other Information** Keep out of reach of children.

**Environmental precautions**

**Environmental precautions** See Section 12 for additional Ecological Information.

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

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

**Methods for cleaning up** Clean contaminated surface thoroughly.

**7. Handling and Storage**

**Precautions for safe handling**

**Advice on safe handling** Avoid getting spray into eyes. Keep out of reach of children.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Store in a cool, dry place away from heat and open flame. Avoid storing at below-freezing temperatures. **AEROSOL STORAGE LEVEL I (NFPA-30B)** .

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

**8. Exposure Controls/Personal Protection**

**Control parameters**

**Exposure guidelines** See occupational exposure limits listed below.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethyl alcohol 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>
N-Butane 106-97-8	STEL: 1000 ppm	(vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	TWA: 800 ppm TWA: 1900 mg/m <sup>3</sup>
Propane 74-98-6	: See Appendix F: Minimal Oxygen Content	TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m <sup>3</sup>	IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup>
Methyl Amyl Alcohol 108-11-2	STEL: 40 ppm TWA: 25 ppm S*	TWA: 25 ppm TWA: 100 mg/m <sup>3</sup> (vacated) TWA: 25 ppm (vacated) TWA: 100 mg/m <sup>3</sup> (vacated) STEL: 40 ppm (vacated) STEL: 165 mg/m <sup>3</sup> (vacated) S* S*	IDLH: 400 ppm TWA: 25 ppm TWA: 100 mg/m <sup>3</sup> STEL: 40 ppm STEL: 165 mg/m <sup>3</sup>

**Appropriate engineering controls**

**Engineering controls** Use with adequate general or local exhaust ventilation.

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

**Eye/face Protection** Conventional eyeglasses to guard against splashing.

**Skin and Body Protection** Household type gloves, if desired.

**Respiratory protection** Use in well-ventilated area ONLY. When using indoors, keep windows and doors open until fumes disipate.

**General hygiene considerations** Wash hands thoroughly after handling.

**9. Physical and Chemical Properties**

**Information on basic physical and chemical properties**

<b>Physical State</b>	Aerosol	<b>Odor</b>	Strong solvent odor.
<b>Appearance</b>	Hazy, pale yellow liquid.	<b>Odor threshold</b>	No information available
<b>Color</b>	Pale yellow		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
<b>pH</b>	11.05	No information available	
<b>Melting point/freezing point</b>	NA	No information available	
<b>Boiling point/boiling range</b>	173 F/78.33 C - Ethyl alcohol	No information available	
<b>Flash Point</b>	Not Available. This is an aerosol product for which Flame Projection is 18 inches, without flashback. Temperatures above 130 °F may cause cans to burst.	No information available	
<b>Evaporation Rate</b>	Faster than butyl acetate	No information available	
<b>Flammability (solid, gas)</b>		No information available	
<b>Flammability Limits in Air</b>		No information available	
<b>Upper flammability limits</b>	Not available		
<b>Lower Flammability Limit</b>	Not available		
<b>Vapor pressure</b>	Not available	No information available	
<b>Vapor Density</b>		No information available	
<b>Relative Density</b>	0.997 +/- 0.02 concentrate	No information available	
<b>Water solubility</b>	completely soluble	No information available	
<b>Solubility in other solvents</b>		No information available	



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Propane 74-98-6	-	-	= 658 mg/L ( Rat ) 4 h
Methyl Amyl Alcohol 108-11-2	= 2600 mg/kg ( Rat )	= 2880 mg/kg ( Rabbit )	> 4600 ppm ( Rat ) 2 h

**Information on toxicological effects**

**Symptoms** See information above.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**sensitization** No information available.  
**Germ cell mutagenicity** No information available.  
**Carcinogenicity** Not known chronic effects based on available data. None of the ingredients present in excess of 0.1% are listed as carcinogenic by NTP, IARC or OSHA.

**Reproductive toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration Hazard** No information available.

**Numerical measures of toxicity - Product Information**

**Unknown acute toxicity** 3.44% of the mixture consists of ingredient(s) of unknown toxicity  
**The following values are calculated based on chapter 3.1 of the GHS document .**  
**ATEmix (inhalation-gas)** 10000000  
**ATEmix (inhalation-vapor)** 16447.4 mg/l

**12. Ecological Information**

**ecotoxicity**

11.72% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
Ethyl alcohol 64-17-5		13400 - 15100: 96 h Pimephales promelas mg/L LC50 flow-through 100: 96 h Pimephales promelas mg/L LC50 static 12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static	EC50 = 34634 mg/L 30 min EC50 = 35470 mg/L 5 min	10800: 24 h Daphnia magna mg/L EC50 9268 - 14221: 48 h Daphnia magna mg/L LC50 2: 48 h Daphnia magna mg/L EC50 Static
Methyl Amyl Alcohol 108-11-2		360: 24 h Carassius auratus mg/L LC50		

**Persistence and degradability**

No information available.

**Bioaccumulation**

See information below.

Chemical name	Partition coefficient
Ethyl alcohol 64-17-5	-0.32
N-Butane 106-97-8	2.89
Propane 74-98-6	2.3
Methyl Amyl Alcohol 108-11-2	1.43

**Other adverse effects** No information available

**13. Disposal Considerations**

**Waste treatment methods**

**Disposal of wastes** 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.

**Contaminated packaging** Pressurized container: Do not pierce or burn, even after use.

Chemical name	California Hazardous Waste Status
Ethyl alcohol 64-17-5	Toxic Ignitable

**14. Transport Information**

**DOT**

<b>UN/ID no</b>	Limited Quantity
<b>Proper Shipping Name</b>	Consumer Commodity
<b>Hazard Class</b>	ORM-D

**IATA**

<b>UN/ID no</b>	UN1950
<b>Proper Shipping Name</b>	Aerosols, flammable
<b>Hazard Class</b>	2.1

**IMDG**

<b>UN/ID no</b>	UN1950
<b>Proper Shipping Name</b>	Aerosols, flammable
<b>Hazard Class</b>	2.1

**15. Regulatory information**

**International Inventories**

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

**DSL** All ingredients are listed or are excluded from listing on the DSL.

**Legend:**

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*  
*DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List*

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	yes
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	yes
<b>Sudden release of pressure hazard</b>	No

Reactive Hazard

No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania
Ethyl alcohol 64-17-5	X	X	X
Water 7732-18-5			X
N-Butane 106-97-8	X	X	X
Propane 74-98-6	X	X	X
Methyl Amyl Alcohol 108-11-2	X	X	X

**U.S. EPA Label information**

EPA Pesticide registration number Not applicable

**16. Other information**

<b>NFPA</b>	Health Hazards 1	Flammability 3	Instability 1	<b>Physical and chemical properties</b> Not applicable <b>Personal Protection</b> B - Eyes and hands protection
<b>HMIS</b>	Health Hazards 1	Flammability 3	Physical hazards 1	

Prepared by Regulatory Department

Issue date 10-May-2017

Revision note

This SDS supersedes a previous SDS dated September 26, 2016.

**Disclaimer**

The information provided in this Material 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 a 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 Safety Data Sheet**