



Issue date 28-Jul-2015

# Safety Data Sheet

Version 1

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

### Product Identifier

**Product name** SANTA SNO BLOWER  
**Chemical name** 7-7724-6

### Other means of identification

**Product code** FG 499-0523S-5  
**Synonyms** Non-solvent spray Snow

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

**Recommended Use** To decorate windows, mirrors and other surfaces.  
**Uses advised against** DO NOT USE ON FLOORS

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

<b>Supplier Address</b>	<b>Manufacturer Address</b>
Chase Products Co.	Chase Products Co.
2727 Gardner Road	2727 Gardner Road
Broadview, IL 60155	Broadview, IL 60155
708-273-1121	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

Gases Under Pressure	liquefied gas
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### Label Elements

### EMERGENCY OVERVIEW

#### Warning

Contains gas under pressure; may explode if heated



The product contains no substances which at their given concentration, are considered to be hazardous to health

<b>Appearance</b> liquid	<b>Physical State</b> Aerosol	<b>Odor</b> Mild, calcium carbonate odor.
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### Precautionary Statements - Storage

Protect from sunlight. Store in a well-ventilated place

**Hazards not otherwise classified (HNOC)**

**Other Information**

3.86% of the mixture consists of ingredient(s) of unknown toxicity

**3. Composition/information on Ingredients**

**Common Name** Artificial Spray Snow.  
**Synonyms** Non-solvent spray Snow.  
**Chemical Family** MIXTURES.  
**Formula** 7-7724-6  
**Chemical nature** Water-based mixture.

Chemical name	CAS No	weight-%	Trade secret
Water	7732-18-5	75-80	*
N-Butane	106-97-8	10-15	*
Propane	74-98-6	1-5	*
Sorbitan Tristearate	266658-19-5	1-5	*
Calcium Carbonate	471-34-1	1-5	*

Chemical Additions Hazardous components according to OSHA, are listed when present at 1% or greater. Carcinoges are listed when present at 0.1% or greater.

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

**4. First aid measures**

**FIRST AID MEASURES**

**Eye Contact** Flush from eyes with plenty of water. If irritation develops, consult a physician.  
**Skin contact** Wash skin with soap and water.  
**inhalation** If overcome by vapor, move person to fresh air. Restore respiration if necessary. Get medical attention if injury develops.  
**INGESTION** Ingestion from an aerosol product is unlikely to occur.

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

**Symptoms** Acute, Deliberate inhalation of concentrated vapor or mist may cause headaches. Prolonged and repeated contact with the eyes may cause mild irritation.

**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** Caution: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

This product is under pressure. Water spray may be used to cool cans in the vicinity of fire or excessive heat to prevent the explosion of the cans.

**Hazardous combustion products** Thermal decomposition may release carbon monoxide and carbon dioxide.

**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**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. Accidental release measures**

Personal precautions, protective equipment and emergency procedures

**Personal precautions** Use with adequate general or local exhaust ventilation.

**For emergency responders** Remove all sources of ignition.

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** Do not deliberately inhale vapor or spray mist. Avoid getting spray into eyes.

Conditions for safe storage, including any incompatibilities

**Storage Conditions** Store in a cool, dry place away from heat and open flame. Keep out of reach of children.  
**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
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	TWA: 1000 ppm	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>
Calcium Carbonate 471-34-1	-	-	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust

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.

<b>Skin and Body Protection</b>	Household type gloves, if desired.
<b>Respiratory protection</b>	None required if used in a well-ventilated area .
<b>General hygiene considerations</b>	None needed.

<b>9. Physical and Chemical Properties</b>
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**Information on basic physical and chemical properties**

<b>Physical State</b>	Aerosol	<b>Odor</b>	Mild, calcium carbonate odor.
<b>Appearance</b>	liquid	<b>Odor threshold</b>	No information available
<b>Color</b>	White		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	7.5	No information available
<b>Melting point/freezing point</b>	Not applicable	No information available
<b>Boiling point/boiling range</b>	Water 212 °F/100 °C	No information available
<b>Flash Point</b>	Not Available. This is an aerosol product for which Flame Projection is 0 inches. Temperatures above 120 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>		No information available
<b>Vapor Density</b>		No information available
<b>Relative Density</b>	0.99 -1.00 (concentrate)	No information available
<b>Water solubility</b>		Soluble in water
<b>Solubility in other solvents</b>		No information available
<b>Partition coefficient</b>		No information available
<b>Autoignition Temperature</b>		No information available
<b>Decomposition temperature</b>		No information available
<b>Kinematic viscosity</b>		No information available
<b>Dynamic viscosity</b>		No information available
<b>Explosive properties</b>	No information available	
<b>Oxidizing properties</b>	No information available	

**Other Information**

<b>Softening point</b>	No information available
<b>Molecular weight</b>	No information available
<b>VOC content (%)</b>	19.5%
<b>Density</b>	8.33 lb/gal
<b>Bulk Density</b>	No information available

<b>10. Stability and Reactivity</b>
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<b><u>Reactivity</u></b>	
Not applicable	Not applicable

**Chemical stability**

Stable.

**Possibility of hazardous reactions**

Temperatures above 130 °F may cause cans to burst with force.

<b>hazardous polymerization</b>	Hazardous polymerization does not occur.
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**Conditions to Avoid**

Temperatures above 122 °F (50 °C).

**Incompatible Materials**

Avoid heat, open flame and contact with strong oxidizers.

**Hazardous decomposition products**

Thermal decomposition may yield gases like carbon monoxide and carbon dioxide.

**11. Toxicological Information**

Information on likely routes of exposure

**Product Information** This product has not been tested as whole. See below for information on ingredients.

**inhalation** no data available.

**Eye Contact** no data available.

**Skin contact** no data available.

**INGESTION** no data available.

Chemical name	Oral LD50	dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg ( Rat )	-	-
N-Butane 106-97-8	-	-	= 658 g/m <sup>3</sup> ( Rat ) 4 h
Propane 74-98-6	-	-	= 658 mg/L ( Rat ) 4 h
Calcium Carbonate 471-34-1	= 6450 mg/kg ( Rat )	-	-

Information on toxicological effects

**Symptoms** Deliberate inhalation of concentrated vapor or mist may cause headache, dizziness and nausea.

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

**Skin corrosion/irritation** None expected.  
**Serious eye damage/eye irritation** May cause eye irritation with susceptible persons.  
**corrosivity** Not applicable.  
**sensitization** No a skin sensitizer.  
**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** Deliberate inhalation of concentrated vapor or mist may cause headache, dizziness and nausea.

Numerical measures of toxicity - Product Information

**Unknown acute toxicity** 3.86% 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)** 2293333 mg/l  
**ATEmix (inhalation-vapor)** 4526.3 mg/l

**12. Ecological Information**

This product does not contain marine pollutants.

**ecotoxicity**

21.42% of the mixture consists of component(s) of unknown hazards to the aquatic environment

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

Chemical name	Partition coefficient
N-Butane 106-97-8	2.89
Propane 74-98-6	2.3

**Other adverse effects**

No information available

**13. Disposal Considerations**

**Waste treatment methods**

**Disposal of wastes**

Dispose of in accordance with federal, state and local regulations.

**Contaminated packaging**

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

**DOT**

**UN/ID no**

Limited quantity (LQ) Consumer Commodity

**Proper Shipping Name**

UN1950

**Hazard Class**

Limited quantity (LQ)

**Marine pollutant**

2.1

This product does not contain marine pollutants.

**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/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*

**US Federal Regulations**

**FG 499-0523S-5 SANTA SNO BLOWER**

**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**

Acute Health Hazard	yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	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
Water 7732-18-5			X
N-Butane 106-97-8	X	X	X
Propane 74-98-6	X	X	X

**U.S. EPA Label information**

EPA Pesticide registration number Not applicable

**16. Other information**

<b>NFPA</b>	Health Hazards 1	Flammability 1	Instability 1	<b>Physical and chemical properties</b> Not applicable <b>Personal Protection</b> A - Eyes protection
<b>HMIS</b>	Health Hazards 1	Flammability 2	Physical Hazards 1	

Prepared by Regulatory Department  
Issue date 28-Jul-2015  
Revision note

This SDS supersedes a previous MSDS dated May 28, 2013.

**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**