



Issue date 16-Jun-2015

# Safety Data Sheet

Version 1

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

### Product Identifier

**Product name** CHASE'S HOME VALUE SPRAY STARCH  
**Chemical name** 7-7932-1

### Other means of identification

**Product code** FG 419-0400-3  
**Synonyms** Spray Starch

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

**Recommended Use** Ironing aid, laundry starch.  
**Uses advised against** Do not use on fabrics marked as "dry clean only".

### 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

Gases Under Pressure

liquefied gas

### 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

**Appearance** Cloudy white, very thin emulsion

**Physical State** Liquid

**Odor** Characteristic odor of starch.

### **Precautionary Statements - Storage**

Protect from sunlight. Store in a well-ventilated place

**Hazards not otherwise classified (HNOC)**

**Other Information**

2.727% of the mixture consists of ingredient(s) of unknown toxicity

**3. Composition/information on Ingredients**

**Synonyms** Spray Starch.  
**Chemical Family** MIXTURES.  
**Formula** 7-7932-1  
**Chemical nature** Aqueous solution of a polymer.

| Chemical name | CAS No    | weight-% | Trade secret |
|---------------|-----------|----------|--------------|
| Water         | 7732-18-5 | 90-95    | *            |
| N-Butane      | 106-97-8  | 1-5      | *            |
| Corn Starch   | NA        | 1-5      | *            |
| Propane       | 74-98-6   | 1-5      | *            |

\* 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 promptly.  
**Skin contact** Wash with soap and water.  
**inhalation** If overcome by vapor, move person to fresh air.  
**INGESTION** This is an aerosol product, ingestion is unlikely to occur.

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

**Symptoms** None expected.

**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 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**

Use personal protective equipment as required.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid contact with eyes and skin.

**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 contact with skin and eyes. Keep out of reach of children.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** **AEROSOL STORAGE LEVEL I (NFPA-30B) . Avoid storing at below-freezing temperatures.**

**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<br>106-97-8 | STEL: 1000 ppm | (vacated) TWA: 800 ppm<br>(vacated) TWA: 1900 mg/m <sup>3</sup>                                                  | TWA: 800 ppm<br>TWA: 1900 mg/m <sup>3</sup>                    |
| Propane<br>74-98-6   | TWA: 1000 ppm  | TWA: 1000 ppm<br>TWA: 1800 mg/m <sup>3</sup><br>(vacated) TWA: 1000 ppm<br>(vacated) TWA: 1800 mg/m <sup>3</sup> | IDLH: 2100 ppm<br>TWA: 1000 ppm<br>TWA: 1800 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** None required.

**Skin and Body Protection** None required.

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

**General hygiene considerations** None required.

## 9. Physical and Chemical Properties

**Information on basic physical and chemical properties**

|                                     |                                                                                                                                     |                          |                                |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------------|
| <b>Physical State</b>               | Liquid                                                                                                                              | <b>Odor</b>              | Characteristic odor of starch. |
| <b>Appearance</b>                   | Cloudy white, very thin emulsion                                                                                                    | <b>Odor threshold</b>    | No information available       |
| <b>Color</b>                        | white                                                                                                                               |                          |                                |
| <b>Property</b>                     | <b>Values</b>                                                                                                                       | <b>Remarks • Method</b>  |                                |
| <b>pH</b>                           | 9.5 +/- 0.5                                                                                                                         | No information available |                                |
| <b>Melting point/freezing point</b> | NA                                                                                                                                  | No information available |                                |
| <b>Boiling point/boiling range</b>  | 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>             | Same as water                                                                                                                       | 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 applicable                                                                                                                      |                          |                                |
| <b>Lower Flammability Limit</b>     | Not applicable                                                                                                                      |                          |                                |
| <b>Vapor pressure</b>               | Not available                                                                                                                       | No information available |                                |
| <b>Vapor Density</b>                |                                                                                                                                     | No information available |                                |
| <b>Relative Density</b>             | 1.0                                                                                                                                 | No information available |                                |
| <b>Water solubility</b>             | completely soluble                                                                                                                  | No information available |                                |
| <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                                                                                                            |                          |                                |
| <b>Other Information</b>            |                                                                                                                                     |                          |                                |
| <b>Softening point</b>              | No information available                                                                                                            |                          |                                |
| <b>Molecular weight</b>             | No information available                                                                                                            |                          |                                |
| <b>VOC content (%)</b>              | 4.5 %                                                                                                                               |                          |                                |
| <b>Density</b>                      | No information available                                                                                                            |                          |                                |
| <b>Bulk Density</b>                 | 8.33 Lb/gal                                                                                                                         |                          |                                |

**10. Stability and Reactivity**

**Reactivity**

This product is stable and non-reactive under normal conditions of use, storage and transport.  
no data available

**Chemical stability**

Stable.

**Possibility of hazardous reactions**

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

**hazardous polymerization**      Hazardous polymerization does not occur.

**Conditions to Avoid**

Avoid heat, open flame and contact with strong oxidizers, inorganic acids and halogens.

**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

|                            |                                                                                      |
|----------------------------|--------------------------------------------------------------------------------------|
| <b>Product Information</b> | This product has not been tested as whole. See below for information on ingredients. |
| <b>inhalation</b>          | no data available.                                                                   |
| <b>Eye Contact</b>         | no data available.                                                                   |
| <b>Skin contact</b>        | no data available.                                                                   |
| <b>INGESTION</b>           | no data available.                                                                   |

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

### Information on toxicological effects

**Symptoms** No information available.

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

|                                 |                                                                                          |
|---------------------------------|------------------------------------------------------------------------------------------|
| <b>sensitization</b>            | No information available.                                                                |
| <b>Germ Cell Mutagenicity</b>   | No information available.                                                                |
| <b>carcinogenicity</b>          | The table below indicates whether each agency has listed any ingredient as a carcinogen. |
| <b>Reproductive Toxicity</b>    | No information available.                                                                |
| <b>STOT - single exposure</b>   | No information available.                                                                |
| <b>STOT - repeated exposure</b> | No information available.                                                                |
| <b>Aspiration Hazard</b>        | No information available.                                                                |

### Numerical measures of toxicity - Product Information

|                                                                                       |                                                                     |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>Unknown acute toxicity</b>                                                         | 2.727% of the mixture consists of ingredient(s) of unknown toxicity |
| <b>The following values are calculated based on chapter 3.1 of the GHS document .</b> |                                                                     |
| <b>ATEmix (inhalation-gas)</b>                                                        | 6580174 mg/l                                                        |
| <b>ATEmix (inhalation-vapor)</b>                                                      | 14622 mg/l                                                          |

## 12. Ecological Information

### ecotoxicity

7.232% of the mixture consists of components(s) of unknown hazards to the aquatic environment

### Persistence and degradability

No information available.

### Bioaccumulation

No information available.

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

**Other adverse effects**

**Ozone**

No information available

This product does not contain CFCs or other ozone depleting substances. Federal regulations prohibit the use CFC propellants in aerosols.

**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**

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

**14. Transport Information**

**DOT**

**UN/ID no**

**Proper Shipping Name**

**Hazard Class**

Limited quantity (LQ)

ORM-D

Consumer Commodity

NA

**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**

This product does not contain 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.

**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**

## FG 419-0400-3 CHASE'S HOME VALUE SPRAY STARCH

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<br>7732-18-5   |            |               | X            |
| N-Butane<br>106-97-8 | X          | X             | X            |
| Propane<br>74-98-6   | X          | X             | X            |

### U.S. EPA Label information

EPA Pesticide registration number Not applicable

### 16. Other information

|             |                  |                |                    |                                                 |
|-------------|------------------|----------------|--------------------|-------------------------------------------------|
| <u>NFPA</u> | Health Hazards 1 | Flammability 2 | Instability 1      | Physical and chemical properties Not applicable |
| <u>HMIS</u> | Health Hazards 1 | Flammability 2 | Physical Hazards 1 | Personal Protection Not applicable              |

Prepared by Regulatory Department  
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Revision note  
Not applicable

#### 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**