



# Safety Data Sheet

Issue date no data available

Version 1

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

### Product Identifier

**Product name** CHAMPION SPRAYON GLASS CLEANER WITH AMMONIA  
**Chemical name** 7-4452-1

### Other means of identification

**Product code** FG 438-5151-5  
**Synonyms** Glass Cleaner

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

**Recommended Use** Glass surfaces.  
**Uses advised against** DO NOT USE ON FLOORS

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

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

## 2. Hazards Identification

### Classification

Acute toxicity - Inhalation (Gases)	Category 4
Serious eye damage/eye irritation	Category 2
FLAMMABLE AEROSOLS	Not classified

### Label Elements

#### EMERGENCY OVERVIEW

#### WARNING

#### hazard statements

HARMFUL IF INHALED  
Causes serious eye irritation



**appearance** Clear liquid that will be aerosolized.

**Physical State** Aerosol

**Odor** Perfumed.

**FG 438-5151-5 CHAMPION SPRAYON GLASS CLEANER WITH AMMONIA**

**Precautionary Statements - Prevention**

Avoid breathing fumes, mist, vapors or spray.  
Wear eye protection.

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention  
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  
IF ON SKIN: Wash with plenty of soap and water  
If skin irritation occurs: Get medical advice/attention  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
Call a POISON CENTER or doctor if you feel unwell.

**Precautionary Statements - Storage**

Prevent this container from coming in contact with water for a prolonged period of time. Always keep container in a cool, dry place .  
Do not store at temperatures above 122 F (50 C).

**Precautionary Statements - Disposal**

Recycle empty can where available or discard in the trash.  
Pressurized container: Do not pierce or burn, even after use

**Hazards not otherwise classified (HNOC)**

**OTHER INFORMATION**

• 2-Butoxyethanol may cause hemolysis of the blood cells leading to possible liver and kidney damage.  
No information available

**3. Composition/information on Ingredients**

**Common Name** Glass Cleaner.  
**Synonyms** Glass Cleaner.  
**Chemical Family** MIXTURES.  
**Formula** 7-4452-1  
**Chemical nature** Aqueous solution of organic solvent.

Chemical name	CAS No	weight-%	Trade secret
Water	7732-18-5	90-95	*
2-Butoxyethanol	111-76-2	1-5	*
N-Butane	106-97-8	1-5	*
Propane	74-98-6	0.1-1	*
Ammonium hydroxide	1336-21-6	<1	*

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

**Skin contact** Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.

**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.

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**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. Chronic: 2-butoxyethanol may cause hemolysis of the blood cells leading to possible liver and kidney damage.

**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**

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**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
2-Butoxyethanol 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m <sup>3</sup> (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m <sup>3</sup> (vacated) S* S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 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	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>

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

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

**9. Physical and Chemical Properties**

Information on basic physical and chemical properties

**Physical State** Aerosol  
**appearance** Clear liquid that will be aerosolized. **Odor** Perfumed.  
**color** clear

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	10.3 +/- 0.5	
<b>Melting point/freezing point</b>	Not applicable	
<b>Boiling point/boiling range</b>	Water 212 °F/100 °C	
<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.	
<b>Evaporation Rate</b>	Faster than butyl acetate	
<b>flammability (solid, gas)</b>		
<b>Flammability Limits in Air</b>		
<b>Upper flammability limits</b>	Not available	
<b>Lower Flammability Limit</b>	Not available	
<b>vapor pressure</b>		

**FG 438-5151-5 CHAMPION SPRAYON GLASS CLEANER WITH AMMONIA**

**Specific gravity** 0.99 - 1.1 concentrate  
**Water solubility** Soluble in water

**OTHER INFORMATION**

**VOC content (%)** 7.99%  
**density** 8.25 - 9.16 lb/gal  
**Bulk Density**

**10. Stability and Reactivity**

**Reactivity**  
Not applicable Not applicable

**Chemical stability**  
Stable.

**Possibility of hazardous reactions**  
Temperatures above 120 F may cause cans to burst with force.

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

**Conditions to Avoid**  
Temperatures above 120 F.

**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** Primary routes of entry: Eye contact, skin contact, inhalation, ingestion (possible, but consider unlikely).

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

**Eye Contact** Can cause irritation after contact with eyes.

**Skin contact** May cause skin irritation after contact with skin. 2-Butoxyethanol penetrates skin readily. Frequent or wide spread contact may results on skin absorption of potentially harmful amounts.

**INGESTION** This is an aerosol product, ingestion is unlikely to occur. 2-Butoxyethanol may cause red blood cell hemolysis and possible liver and kidney damage.

Chemical name	Oral LD50	dermal LD50	Inhalation LC50
2-Butoxyethanol 111-76-2	= 470 mg/kg ( Rat )	= 220 mg/kg ( Rabbit )	= 450 ppm ( Rat ) 4 h
N-Butane 106-97-8	-	-	= 658 g/m <sup>3</sup> ( Rat ) 4 h
Propane 74-98-6	-	-	= 658 mg/L ( Rat ) 4 h
Ammonium hydroxide 1336-21-6	= 350 mg/kg ( Rat )	-	-

**Information on toxicological effects**

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**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** May cause skin irritation after contact with skin. 2-Butoxyethanol penetrates skin readily. Frequent or wide spread contact may results on skin absorption of potentially harmful amounts.

**Serious eye damage/eye irritation** Can cause irritation after contact with the eyes.

**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.

Chemical name	ACGIH	IARC	NTP	OSHA
2-Butoxyethanol 111-76-2	A3			

**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** No information available

**The following values are calculated based on chapter 3.1 of the GHS document .**

**ATEmix (oral)** 9814 mg/kg

**ATEmix (dermal)** 22989 mg/kg

**ATEmix (inhalation-gas)** 14599 mg/l

**ATEmix (inhalation-dust/mist)** 46.1 mg/l

**ATEmix (inhalation-vapor)** 15313.9 mg/l

**12. Ecological Information**

This product does not contain marine pollutants.

**ecotoxicity**

5.44% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
2-Butoxyethanol 111-76-2		1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50		1698 - 1940: 24 h Daphnia magna mg/L EC50 1000: 48 h Daphnia magna mg/L EC50
Ammonium hydroxide 1336-21-6		8.2: 96 h Pimephales promelas mg/L LC50		0.66: 48 h water flea mg/L EC50 0.66: 48 h Daphnia pulex mg/L EC50

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

Chemical name	Partition coefficient
2-Butoxyethanol 111-76-2	0.81

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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.

Chemical name	California Hazardous Waste Status
Ammonium hydroxide 1336-21-6	Toxic Corrosive

**14. Transport Information**

**DOT** Limited quantity (LQ) Glass Cleaner  
**UN/ID no** UN1950  
**Proper Shipping Name** Limited quantity (LQ)  
**Hazard Class** 2.1  
**Marine pollutant** 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/NDL - Canadian Domestic Substances List/Non-Domestic Substances List*

**US Federal Regulations**

**SARA 313**

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372. This information must be included in all SDSs that are copied and distributed for this material.

Chemical name	CAS No	weight-%	SARA 313 - Threshold Values %
2-Butoxyethanol - 111-76-2	111-76-2	1-5	1.0
Ammonium hydroxide - 1336-21-6	1336-21-6	<1	1.0

**FG 438-5151-5 CHAMPION SPRAYON GLASS CLEANER WITH AMMONIA**

**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 contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Ammonium hydroxide 1336-21-6	1000 lb			X

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Ammonium hydroxide 1336-21-6	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

**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
2-Butoxyethanol 111-76-2	X	X	X
N-Butane 106-97-8	X	X	X
Propane 74-98-6	X	X	X
Ammonium hydroxide 1336-21-6	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	Physical and chemical properties Not applicable Personal Protection B - Eyes and hands protection
<b>HMIS</b>	Health Hazards 1	Flammability 2	Physical Hazards 1	

**Revision note**

No information available

**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**