



Safety Data Sheet

Issue date 07-Jan-2015

Version 1

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

Product Identifier

Product name CHAMPION SPRAYON CARPET UPHOLSTERY FOAMING CLEANER
Chemical name 7-7976-3

Other means of identification

Product code FG 438-5148-9
Synonyms Carpet and upholstery cleaner

Recommended use of the chemical and restrictions on use

Recommended Use Carpets and upholstered 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.	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

2. Hazards Identification

Classification


FLAMMABLE AEROSOLS	Category 1
Gases Under Pressure	liquefied gas

Label Elements

EMERGENCY OVERVIEW

DANGER

EXTREMELY FLAMMABLE AEROSOL
Contains gas under pressure; may explode if heated



Appearance Cloudy, light yellow liquid **Physical State** Aerosol **Odor** Clean, floral

Precautionary Statements - Prevention

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 - Storage

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

Hazards not otherwise classified (HNOC)

Other Information

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

-

3. Composition/information on Ingredients

Common Name Carpet and upholstery cleaner.
Synonyms Carpet and upholstery cleaner.
Chemical Family MIXTURES.
Formula 7-7976-3
Chemical nature Aqueous solution of surfactants and cleaners.

Chemical name	CAS No	weight-%	Trade secret
Water	7732-18-5	85-90	*
N-Butane	106-97-8	1-5	*
Sodium Lauryl Sulfate	151-21-3	1-5	*
Propane	74-98-6	1-5	*
2-Butoxyethanol	111-76-2	<1	*
Sodium Lauroyl Sarcosinate	137-16-6	<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. 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.

INGESTION Ingestion from an aerosol product is unlikely to occur.

Most important symptoms and effects, both acute and delayed

Symptoms 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. 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

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 alkali and strong oxidizing agents.

8. Exposure Controls/Personal Protection

Control parameters

Exposure guidelines See occupational exposure limits listed below.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH

FG 438-5148-9 CHAMPION SPRAYON CARPET UPHOLSTERY FOAMING CLEANER

N-Butane 106-97-8	STEL: 1000 ppm	(vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m ³	TWA: 800 ppm TWA: 1900 mg/m ³
Propane 74-98-6	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1800 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m ³	IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m ³
2-Butoxyethanol 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m ³ (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m ³ (vacated) S* S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m ³
Acetone 67-64-1	STEL: 750 ppm TWA: 500 ppm	TWA: 1000 ppm TWA: 2400 mg/m ³ (vacated) TWA: 750 ppm (vacated) TWA: 1800 mg/m ³ (vacated) STEL: 2400 mg/m ³ The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors (vacated) STEL: 1000 ppm	IDLH: 2500 ppm TWA: 250 ppm TWA: 590 mg/m ³

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 Rubber, vinyl or household type gloves required.

Respiratory protection Use in a well-ventilated area ONLY. **WHEN USING INDOORS, KEEP WINDOWS AND DOORS OPEN UNTIL FUMES DISSIPATE.**

General hygiene considerations Wash hands thoroughly after handling.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Physical State	Aerosol	Odor	Clean, floral
Appearance	Cloudy, light yellow liquid	Odor threshold	No information available
Color	light yellow		
Property	Values	Remarks • Method	
pH	9.48	No information available	
Melting point/freezing point	Not applicable	No information available	
Boiling point/boiling range	Water 212 °F/100 °C	No information available	
Flash Point	Not applicable. This is an foam aerosol that when tested for flammability the flame duration is 7 seconds or more and the flame height is 4 cm or more.	No information available	
Evaporation Rate	Faster than butyl acetate	No information available	
Flammability (solid, gas)		No information available	
Flammability Limits in Air		No information available	
Upper flammability limits	Not available		
Lower Flammability Limit	Not available		
Vapor pressure		No information available	
Vapor Density		No information available	
Specific gravity	1.00 concentrate	No information available	
Water solubility		Soluble in water	

Solubility in other solvents	No information available
Partition coefficient	No information available
Autoignition Temperature	No information available
Decomposition temperature	No information available
Kinematic viscosity	No information available
Dynamic viscosity	No information available
Explosive properties	No information available
Oxidizing properties	No information available

Other Information

Softening point	No information available
Molecular weight	No information available
VOC content (%)	4.96
Density	8.33 lb/gal
Bulk Density	No information available

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 alkali and strong oxidizing agents.

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	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
Water 7732-18-5	> 90 mL/kg (Rat)	-	-
N-Butane 106-97-8	-	-	= 658 g/m ³ (Rat) 4 h

FG 438-5148-9 CHAMPION SPRAYON CARPET UPHOLSTERY FOAMING CLEANER

Sodium Lauryl Sulfate 151-21-3	= 977 mg/kg (Rat)	= 580 mg/kg (Rabbit)	> 3900 mg/m ³ (Rat) 1 h
Propane 74-98-6	-	-	= 658 mg/L (Rat) 4 h
2-Butoxyethanol 111-76-2	= 470 mg/kg (Rat)	= 99 mg/kg (Rabbit)	= 450 ppm (Rat) 4 h

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 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 Irritating to 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.

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 -

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

ATEmix (oral)	45231 mg/kg
ATEmix (dermal)	26852 mg/kg
ATEmix (inhalation-gas)	7402695 mg/l
ATEmix (inhalation-dust/mist)	45.1 mg/l
ATEmix (inhalation-vapor)	15076 mg/l

12. Ecological Information

This product does not contain marine pollutants.

ecotoxicity

6.77% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
---------------	----------------------	------	----------------------------	-----------

FG 438-5148-9 CHAMPION SPRAYON CARPET UPHOLSTERY FOAMING CLEANER

<p>Sodium Lauryl Sulfate 151-21-3</p>	<p>53: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50 30 - 100: 96 h <i>Desmodesmus subspicatus</i> mg/L EC50 117: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 3.59 - 15.6: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 static</p>	<p>8 - 12.5: 96 h <i>Pimephales promelas</i> mg/L LC50 static 15 - 18.9: 96 h <i>Pimephales promelas</i> mg/L LC50 static 22.1 - 22.8: 96 h <i>Pimephales promelas</i> mg/L LC50 static 4.3 - 8.5: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static 4.62: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 flow-through 5.8 - 7.5: 96 h <i>Pimephales promelas</i> mg/L LC50 static 10.2 - 22.5: 96 h <i>Pimephales promelas</i> mg/L LC50 semi-static 6.2 - 9.6: 96 h <i>Pimephales promelas</i> mg/L LC50 13.5 - 18.3: 96 h <i>Poecilia reticulata</i> mg/L LC50 semi-static 10.8 - 16.6: 96 h <i>Poecilia reticulata</i> mg/L LC50 static 1.31: 96 h <i>Cyprinus carpio</i> mg/L LC50 semi-static 4.2: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 7.97: 96 h <i>Brachydanio rerio</i> mg/L LC50 flow-through 9.9 - 20.1: 96 h <i>Brachydanio rerio</i> mg/L LC50 semi-static 4.06 - 5.75: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 4.2 - 4.8: 96 h <i>Lepomis macrochirus</i> mg/L LC50 flow-through 4.5: 96 h <i>Lepomis macrochirus</i> mg/L LC50</p>		<p>1.8: 48 h <i>Daphnia magna</i> mg/L EC50</p>
<p>2-Butoxyethanol 111-76-2</p>		<p>1490: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 2950: 96 h <i>Lepomis macrochirus</i> mg/L LC50</p>		<p>1000: 48 h <i>Daphnia magna</i> mg/L EC50 1698 - 1940: 24 h <i>Daphnia magna</i> mg/L EC50</p>

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Chemical name	Partition coefficient
<p>N-Butane 106-97-8</p>	<p>2.89</p>
<p>Sodium Lauryl Sulfate 151-21-3</p>	<p>1.6</p>
<p>Propane 74-98-6</p>	<p>2.3</p>
<p>2-Butoxyethanol 111-76-2</p>	<p>0.81</p>

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	Limited quantity (LQ) Carpet 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 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.

Chemical name	CAS No	weight-%	SARA 313 - Threshold Values %
2-Butoxyethanol - 111-76-2	111-76-2	<1	1.0

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

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
2-Butoxyethanol 111-76-2	X	X	X

U.S. EPA Label information

EPA Pesticide registration number Not applicable

16. Other information

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

Issue date 07-Jan-2015

Revision note

This SDS supersedes a previous MSDS dated September 04, 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