



Issue date 10-Jun-2015

Safety Data Sheet

Version 1

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

Product Identifier

Product name CHAMPION SPRAYON CARPET SPOT & STAIN REMOVER
Chemical name 7-7872-5

Other means of identification

Product code FG 438-5146-9
Synonyms Spot and stain remover

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
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

| | |
|-------------------------------------|---------------|
| Acute toxicity - Inhalation (Gases) | Category 4 |
| Skin sensitization | Category 1 |
| FLAMMABLE AEROSOLS | Category 2 |
| Gases Under Pressure | liquefied gas |

Label Elements

EMERGENCY OVERVIEW

Warning

hazard statements

HARMFUL IF INHALED
May cause an allergic skin reaction
Flammable Aerosol
Contains gas under pressure; may explode if heated



Appearance Clear liquid that will be

Physical State Aerosol

aerosolized.

Odor Perfumed.

Precautionary Statements - Prevention

Avoid breathing fumes, mist, vapors or spray.
 Use only outdoors or in a well-ventilated area
 Contaminated work clothing should not be allowed out of the workplace
 Wear protective gloves
 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

Specific treatment: See additional cautionary statements on this label.
 IF ON SKIN: Wash with plenty of soap and water
 If skin irritation or rash occurs: Get medical advice/attention
 Wash contaminated clothing before reuse
 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

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

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Other Information

3.88% of the mixture consists of ingredient(s) of unknown toxicity

3. Composition/information on Ingredients

Common Name Spot and stain remover.
Synonyms Spot and stain remover.
Chemical Family MIXTURES.
Formula 7-7872-5
Chemical nature Aqueous solution of organic solvent.

| Chemical name | CAS No | weight-% | Trade secret |
|--------------------|-----------|----------|--------------|
| Water | 7732-18-5 | 75-80 | * |
| 2-Butoxyethanol | 111-76-2 | 5-10 | * |
| N-Butane | 106-97-8 | 1-5 | * |
| Dimethyl Glutarate | 1119-40-0 | 1-5 | * |
| Propane | 74-98-6 | 1-5 | * |
| Dimethyl Adipate | 627-93-0 | <1 | * |

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 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 In case of contact, immediately flush skin with plenty of water. Wash skin with soap and water. If irritation develops, consult 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.

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 Contains d-limonene which is consider as marine pollutant by DOT.

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

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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 |
|-----------------------------|----------------|--|--|
| 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 |
| 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 |

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. None required if used in a well-ventilated area. Follow label directions for correct use of the product..

General hygiene considerations Wash hands thoroughly after handling. Wash contaminated clothing before reuse.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

| | | | |
|-------------------------------------|--|--------------------------|--------------------------|
| Physical State | Aerosol | Odor | Perfumed. |
| Appearance | Clear liquid that will be aerosolized. | Odor threshold | No information available |
| Color | clear | | |
| Property | Values | Remarks • Method | |
| pH | 10.4 +/- 0.5 | 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 | This product is very similar in composition to another product which was tested for Enclosed Space Ignition Test. Since that products is a Category 2 flammable aerosol, this product is also considered Category 2 flammable aerosol. | 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 |
| Relative Density | 0.996 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 (%) | 14.5 |
| Density | 8.29 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 130 °F may cause cans to burst with force.

| | |
|---------------------------------|--|
| hazardous polymerization | Hazardous polymerization does not occur. |
|---------------------------------|--|

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 | 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 |

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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) | - | - |
| 2-Butoxyethanol 111-76-2 | = 470 mg/kg (Rat) | = 99 mg/kg (Rabbit) | = 450 ppm (Rat) 4 h |
| N-Butane 106-97-8 | - | - | = 658 g/m ³ (Rat) 4 h |
| Dimethyl Glutarate 1119-40-0 | = 8191 mg/kg (Rat) | - | > 5.6 mg/L (Rat) 4 h |
| Propane 74-98-6 | - | - | = 658 mg/L (Rat) 4 h |
| Dimethyl Adipate 627-93-0 | = 1920 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 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 The table below indicates whether each agency has listed any ingredient as a carcinogen.

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 3.88% 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 (oral) | 5112 mg/kg |
| ATEmix (dermal) | 10636 mg/kg |
| ATEmix (inhalation-gas) | 7746 mg/l |
| ATEmix (inhalation-dust/mist) | 21.2 mg/l |
| ATEmix (inhalation-vapor) | 165.8 mg/l |

12. Ecological Information

This product contains a chemical which is listed as a marine pollutant according to DOT.

ecotoxicity

9.83% 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 | | 1000: 48 h Daphnia magna mg/L EC50 1698 - 1940: 24 h Daphnia magna mg/L EC50 |
| Dimethyl Glutarate | | 19.6 - 26.2: 96 h Pimephales | | 122.1 - 163.5: 48 h Daphnia |

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| | | | |
|-----------|--|---------------------------|-----------------|
| 1119-40-0 | | promelas mg/L LC50 static | magna mg/L EC50 |
|-----------|--|---------------------------|-----------------|

Persistence and degradability

No information available.

Bioaccumulation

No information available.

| Chemical name | Partition coefficient |
|-----------------------------|-----------------------|
| 2-Butoxyethanol 111-76-2 | 0.81 |
| 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
Proper Shipping Name
Hazard Class
Marine pollutant

Limited quantity (LQ) Spot and stain remover
UN1950
Limited quantity (LQ)
2.1
This product contains a chemical which is listed as a marine pollutant according to DOT.

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

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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 | 5-10 | 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, 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 |
| 2-Butoxyethanol 111-76-2 | X | X | 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

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

Prepared by Regulatory Department
Issue date 10-Jun-2015

Revision note

This SDS supersedes a previous MSDS dated March 12, 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