Safety Data Sheet

Issue date 25-Jul-2014 **Version** 1

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

Product Identifier

Product name CHAMPION SPRAYON BASEBOARD & FLOOR STRIPPER
Chemical name 7-7903-3

Other means of identification

Product code FG 438-5156-9
Synonyms Baseboard and wax stripper.

Recommended use of the chemical and restrictions on use

Recommended Use Strips old wax, acrylics and other coatings from floors and baseboards.
Uses advised against Do not use on asphalt tile. Test on small area before using on plexiglass and plastic surfaces.

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

2. Hazards Identification

Classification

Acute toxicity - Inhalation (Gases)	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Germ Cell Mutagenicity	Category 1B
carcinogenicity	Category 1A

Label Elements

EMERGENCY OVERVIEW

DANGER

hazard statements
HARMFUL IF INHALED
CAUSES SKIN IRRITATION
Causes serious eye irritation
May cause genetic defects
May cause cancer

appearance Cloudy, white liquid. **Physical State** Aerosol **Odor** Minty

Precautionary Statements - Prevention
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Avoid breathing fumes, mist, vapors or spray.
Use only outdoors or in a well-ventilated area
Wash face, hands and any exposed skin thoroughly after handling

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 ON SKIN: Wash with plenty of soap and water
If skin irritation occurs: Get medical advice/attention
Take off contaminated clothing and wash before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

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 .
Store locked up
Do not expose to temperatures exceeding 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
• MAY BE HARMFUL IF SWALLOWED
2.17% of the mixture consists of ingredient(s) of unknown toxicity

3. Composition/information on Ingredients

Common Name Baseboard and wax stripper.
Synonyms Baseboard and wax stripper.
Chemical Family MIXTURES.
Formula 7-7903-3
Chemical nature Aqueous solution of organic solvent.

Chemical name	CAS No	weight-%	Trade secret
Water	7732-18-5	80-85	*
2-Butoxyethanol	111-76-2	5-10	*
N-Butane	106-97-8	1-5	*
Morpholine	110-91-8	1-5	*
Propane	74-98-6	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 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.

Most important symptoms and effects, both acute and delayed

Symptoms Acute: Prolonged inhalation of concentrated vapor or mist can cause nasal and respiratory irritation, headaches, dizziness and nausea. Prolonged contact with skin can cause irritation, burning, redness and pain. Contact with eyes causes irritation, burning, tearing, redness and blurred vision. 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 yield gases like ammonia, carbon monoxide, carbon dioxide, formaldehyde and nitrogen compounds.

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 and open flame. Avoid contact with alcohols, ketones, nitrites 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
2-Butoxyethanol 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m³ (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m³ (vacated) S* S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m³
N-Butane 106-97-8	STEL: 1000 ppm	(vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m³	TWA: 800 ppm TWA: 1900 mg/m³
Morpholine 110-91-8	TWA: 20 ppm S*	TWA: 20 ppm TWA: 70 mg/m³ (vacated) TWA: 20 ppm (vacated) TWA: 70 mg/m³ (vacated) STEL: 30 ppm (vacated) STEL: 105 mg/m³ (vacated) S* S*	IDLH: 1400 ppm TWA: 20 ppm TWA: 70 mg/m³ STEL: 30 ppm STEL: 105 mg/m³
Propane 74-98-6	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1800 mg/m³ (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m³	IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m³

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. A NIOSH-approved air purifying respirator may be necessary where airborne concentrations exceed the exposure levels.**

General hygiene considerations Wash hands thoroughly after handling.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Physical State	Aerosol		
appearance	Cloudy, white liquid.	**Odor**	Minty
color	white		

Property	**Values**	**Remarks • Method**
pH	9.75 to 10.19	
Melting point/freezing point	Not applicable	
Boiling point/boiling range	Water 212 °F/100 °C	
Flash Point	Not Available. This is an aerosol product for which Flame Projection is 0 inches. Temperatures above 120 F may cause cans to burst.	
Evaporation Rate	Faster than butyl acetate	
flammability (solid, gas)		
Flammability Limits in Air		
Upper flammability limits	Not available	
Lower Flammability Limit	Not available	
vapor pressure		
Specific gravity	1.0 concentrate	
Water solubility		Soluble in water

OTHER INFORMATION

VOC content (%)	17.35
density	8.33 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 and open flame. Avoid contact with alcohols, ketones, nitrites 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 Primary routes of entry: Eye contact, skin contact, inhalation, ingestion (possible, but consider unlikely).

inhalation Over inhalation of vapor or mist may cause severe irritation to the nose, throat and respiratory tract.

Eye Contact Irritant to eyes. It may cause tearing, redness and swelling of the eyes.

Skin contact 2-Butoxyethanol penetrates skin readily. Frequent or wide spread contact may result on skin absorption of potentially harmful amounts. Morpholine can cause redness, burning and swelling of the skin.

INGESTION This is an aerosol product, ingestion is unlikely to occur.

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/m³ (Rat) 4 h
Morpholine 110-91-8	= 1050 mg/kg (Rat)	= 310 mg/kg (Rabbit)	= 8000 ppm (Rat) 8 h
Propane 74-98-6	-	-	= 658 mg/L (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. Morpholine can cause redness, burning and swelling of the skin.
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 The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Morpholine 110-91-8		Group 3		

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 2.17% 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) 4541 mg/kg
ATEmix (dermal) 9649 mg/kg
ATEmix (inhalation-gas) 7359 mg/l
ATEmix (inhalation-dust/mist) 13.2 mg/l
ATEmix (inhalation-vapor) 3455 mg/l

12. Ecological Information

This product does not contain marine pollutants.

ecotoxicity

7.17% 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
Morpholine 110-91-8	28: 96 h Pseudokirchneriella subcapitata mg/L EC50 static	350: 96 h Lepomis macrochirus mg/L LC50 static 375 - 460: 96 h Oncorhynchus mykiss mg/L LC50 1000: 96 h Brachydanio rerio mg/L LC50 static	EC50 = 57.0 mg/L 30 min	100: 24 h Daphnia 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
Morpholine 110-91-8	-2.55
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 Limited quantity (LQ) Baseboard and wax stripper.
- **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 Subtances 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

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	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
2-Butoxyethanol 111-76-2	X	X	X
N-Butane 106-97-8	X	X	X
Morpholine 110-91-8	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
HMIS	**Health Hazards** 2*	**Flammability** 2	**Physical Hazards** 1	**Personal Protection** B - Eyes and hands protection

Issue date 25-Jul-2014
Revision note
This SDS supersedes a previous MSDS dated March 31, 2014.

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