



Safety Data Sheet

Issue date 28-Jul-2014

Version 1

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

Product Identifier

Product name CHAMPION SPRAYON NATURAL CITRUS MULTI-PURPOSE FOAM CLEANER
Chemical name 7-8042-2

Other means of identification

Product code FG 438-5154-9
Synonyms General purpose cleaner

Recommended use of the chemical and restrictions on use

Recommended Use Various types of surfaces.
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	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
Emergency telephone ChemTel 1-800-255-3924

2. Hazards Identification

Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Skin sensitization	Category 1

Label Elements

EMERGENCY OVERVIEW

DANGER

hazard statements

CAUSES SKIN IRRITATION
Causes serious eye damage
May cause an allergic skin reaction



appearance White liquid that will be aerosolized

Physical State Aerosol

Odor Citrus odor

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves, protective clothing, eye protection and face protection.
Avoid breathing fumes, mist, vapors or spray.
Contaminated work clothing should not be allowed out of the workplace

Precautionary Statements - Response

Specific measures. See First Aid Measures on this SDS.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Immediately call a POISON CENTER or doctor.
IF ON SKIN: Wash with plenty of soap and water
Take off contaminated clothing and wash before reuse
If skin irritation or rash occurs: Get medical advice/attention

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

- Toxic to aquatic life with long lasting effects
 - Toxic to aquatic life
- No information available

3. Composition/information on Ingredients

Common Name	All-purpose cleaner.
Synonyms	General purpose cleaner.
Chemical Family	MIXTURES.
Formula	7-8042-2
Chemical nature	Aqueous solution of organic solvent.

Chemical name	CAS No	weight-%	Trade secret
N-Butane	106-97-8	1-5	*
D-Limonene	5989-27-5	1-5	*
Sodium metasilicate	6834-92-0	1-5	*
Sodium 2-ethylhexyl sulfate	126-92-1	1-5	*
Propane	74-98-6	1-5	*
Dimethyl Glutarate	1119-40-0	<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.

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: D-limonene may cause allergic skin reactions.

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 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 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 Household type gloves.

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

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
appearance White liquid that will be aerosolized
color white
Odor Citrus odor

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	11.75 +/- 0.6	
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	1.012 +/- 0.003 concentrate	
Water solubility		Soluble in water

OTHER INFORMATION

VOC content (%) 7.99%
 density 8.43 - 8.45 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

Severely irritating to eyes.

Skin contact

May cause skin irritation and/or dermatitis. D-limonene may cause allergic skin reactions. Frequent or wide spread contact may result on skin absorption of potentially harmful amounts.

INGESTION

This is an aerosol product, ingestion is unlikely to occur. MAY BE HARMFUL IF SWALLOWED.

Chemical name	Oral LD50	dermal LD50	Inhalation LC50
N-Butane 106-97-8	-	-	= 658 g/m ³ (Rat) 4 h
D-Limonene 5989-27-5	-	> 5 g/kg (Rabbit)	-
Sodium metasilicate 6834-92-0	= 600 mg/kg (Rat)	-	-
Propane 74-98-6	-	-	= 658 mg/L (Rat) 4 h
Dimethyl Glutarate 1119-40-0	= 8191 mg/kg (Rat)	-	> 5.6 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 and reddening after prolonged or repeated contact with skin. D-limonene may cause allergic skin reactions. Frequent or wide spread contact may result on skin absorption of potentially harmful amounts.
Serious eye damage/eye irritation	Can cause irritation after contact with the eyes.
corrosivity	Not applicable.
sensitization	May cause sensitization of susceptible persons.
Germ Cell Mutagenicity	No information available.
carcinogenicity	The table below indicates whether each agency has listed any ingredient as a carcinogen. Exposure to d-limonene has been found to cause kidney damage in male rats. The mechanism by which this toxicity occurs is specific to the male rat and the kidney effects are not expected to occur in humans.

Chemical name	ACGIH	IARC	NTP	OSHA
D-Limonene 5989-27-5		Group 2A Group 3		X

Reproductive Toxicity	D-limonene has been shown to cause harm to the fetus in laboratory animal studies. Harm to the fetus occurs only at exposure levels that harm the pregnant animal. The relevance of these findings to humans is uncertain.
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

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

ATEmix (oral)	17642 mg/kg
ATEmix (dermal)	53284 mg/kg
ATEmix (inhalation-gas)	8783000 mg/l
ATEmix (inhalation-dust/mist)	46.1 mg/l
ATEmix (inhalation-vapor)	12284.9 mg/l

12. Ecological Information

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

ecotoxicity

10.203% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
D-Limonene 5989-27-5		0.619 - 0.796: 96 h Pimephales promelas mg/L LC50 flow-through 35: 96 h Oncorhynchus mykiss mg/L LC50		
Sodium metasilicate 6834-92-0		210: 96 h Brachydanio rerio mg/L LC50 semi-static 210: 96 h Brachydanio rerio mg/L LC50		216: 96 h Daphnia magna mg/L EC50
Dimethyl Glutarate 1119-40-0		19.6 - 26.2: 96 h Pimephales promelas mg/L LC50 static		122.1 - 163.5: 48 h Daphnia magna mg/L EC50

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Chemical name	Partition coefficient
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FG 438-5154-9 CHAMPION SPRAYON NATURAL CITRUS MULTI-PURPOSE FOAM CLEANER

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
D-Limonene 5989-27-5	Toxic

14. Transport Information

DOT Limited quantity (LQ) General purpose cleaner
UN/ID no UN1950
Proper Shipping Name Limited quantity (LQ)
Hazard Class 2.1
Marine pollutant 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 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	yes
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
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

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

Prepared by

Regulatory Department

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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