



MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Product Name Champion Sprayon Inverted Spray Paint - Fluorescent Orange
438-8414-1 (6-5820-3)

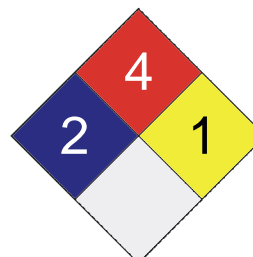
CAS # Mixture

Product Use Spray Paint

Manufacturer Chase Products Co.
19th and Gardner Road
Broadview, IL 60155 US
Phone: 708-865-1000
CHEM-TEL: 1-813-248-0585

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	* 2
Flammability	4
Physical Hazard	1
Personal Protection	B



2. Hazards Identification

Emergency Overview

DANGER
Extremely Flammable Aerosol.
Contents under pressure. Containers may explode when heated.
Causes eye and skin irritation.
May cause chronic toxic effects.
Contains a potential teratogen.
Contains a potential mutagen.

Potential short term health effects

Routes of exposure

Eye, Skin contact, Inhalation.

Eyes

Causes eye irritation.

Skin

Causes skin irritation.

Inhalation

Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness).

Ingestion

Not a normal route of exposure. May cause stomach distress, nausea or vomiting.

Target organs

Eyes. Respiratory system. Skin.

Chronic effects

Prolonged or repeated exposure can cause drying, defatting and dermatitis.
Chronic ingestion of calcium monocarbonate may cause hypercalcemia, alkalosis and kidney damage. It may also produce "milk-alkali syndrome" characterized by neurological symptoms such as irritability, lethargy, stupor and coma.

Signs and symptoms

Symptoms may include redness, oedema, drying, defatting and cracking of the skin.
Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

3. Composition/Information on Ingredients

Ingredient(s)	CAS #	Percent
Xylene	1330-20-7	0.5 - 1.5
Solvent naphtha (petroleum), light aromatic	64742-95-6	1 - 5
Butane	106-97-8	1 - 5
Propane	74-98-6	5 - 10
Calcium monocarbonate	471-34-1	5 - 10
Solvent naphtha (petroleum), light aliphatic	64742-89-8	7 - 13
Ethanol	64-17-5	7 - 13

4. First Aid Measures

First aid procedures

Eye contact	Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
Skin contact	Flush with cool water. Wash with soap and water. Obtain medical attention if irritation develops or persists.
Inhalation	If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention. If breathing has stopped, trained personnel should administer CPR immediately.
Ingestion	Do not induce vomiting. Rinse mouth with water, then drink one or two glasses of water. Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing.

Notes to physician

Symptoms may be delayed.

General advice

If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

5. Fire-fighting Measures

Flammable properties	Extremely Flammable by WHMIS criteria. Containers may explode when heated.
Extinguishing media	
Suitable extinguishing media	Carbon dioxide. Dry chemical. Water Fog.
Unsuitable extinguishing media	Not available
Protection of firefighters	
Specific hazards arising from the chemical	Contents under pressure. Pressurized container may explode when exposed to heat or flame. Cool containers with flooding quantities of water until well after fire is out.
Protective equipment for firefighters	Firefighters should wear full protective clothing including self contained breathing apparatus.
Hazardous combustion products	May include and are not limited to: Oxides of carbon. Oxides of nitrogen. Oxides of sulphur.
Explosion data	
Sensitivity to mechanical impact	Not available
Sensitivity to static discharge	Not available

6. Accidental Release Measures

Personal precautions	Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.
Methods for containment	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.
Methods for cleaning up	Before attempting clean up, refer to hazard data given above. Remove sources of ignition. Although the chance of a significant spill or leak is unlikely in aerosol containers, in the event of such an occurrence, absorb spilled material with a non-flammable absorbent such as sand or vermiculite. Never return spills in original containers for re-use.

7. Handling and Storage

Handling	Use good industrial hygiene practices in handling this material.
Storage	Keep out of reach of children. Do not store at temperatures above 49°C. Keep away from heat, open flames or other sources of ignition. Store in a closed container away from incompatible materials.

8. Exposure Controls / Personal Protection

Exposure limits

Ingredient(s)	Exposure limits
Butane	ACGIH-TLV TWA: 1000 ppm
Calcium monocarbonate	ACGIH-TLV TWA: 10 mg/m ³
Ethanol	ACGIH-TLV TWA: 1000 ppm
Propane	ACGIH-TLV TWA: 1000 ppm
Solvent naphtha (petroleum), light aromatic	ACGIH-TLV TWA: 100 ppm
Solvent naphtha (petroleum), light aliphatic	ACGIH-TLV TWA: 300 ppm
Xylene	ACGIH-TLV TWA: 100 ppm STEL: 150 ppm

Engineering controls

Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.

Personal protective equipment

Eye/Face protection

Safety glasses.

Hand protection

Rubber gloves. Confirm with a reputable supplier first.

Skin and body protection

As required by employer code.

Respiratory protection

Not normally required if good ventilation is maintained and exposure guidelines are not exceeded. Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands and face before breaks and immediately after handling the product.

9. Physical & Chemical Properties

Appearance	Opaque.
Colour	Orange
Form	Aerosol.
Odour	Paint
Odour threshold	Not available
Physical state	Liquid
pH	Not available
Freezing point	Not available
Boiling point	100 °C (212.00 °F) (Water)
Flash point	Not available
Evaporation Rate	Faster than butyl acetate
Flammability limits in air, lower, % by volume	Not available
Flammability Limits in Air, Upper, % by Volume	Not available
Vapour pressure	Not available
Vapour density	Not available
Specific gravity	1.003 (H ₂ O = 1)
Octanol/water coefficient	Not available

Solubility (H2O)	Insoluble
Auto-ignition temperature	Not available
VOC (Weight %)	37.96
Viscosity	Not available

10. Chemical Stability & Reactivity Information

Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Aerosol containers are unstable at temperatures above 49°C.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon. Oxides of nitrogen. Oxides of sulphur.
Possibility of hazardous reactions	Hazardous polymerisation does not occur.

11. Toxicological Information

Component analysis - LC50

Ingredient(s)	LC50
Butane	658 mg/m3 rat
Calcium monocarbonate	Not available
Ethanol	31623 ppm rat
Propane	Not available
Solvent naphtha (petroleum), light aromatic	> 3000 ppm rat
Solvent naphtha (petroleum), light aliphatic	1400 ppm rat
Xylene	6350 ppm rat

Component analysis - Oral LD50

Ingredient(s)	LD50
Butane	Not available
Calcium monocarbonate	6450 mg/kg rat
Ethanol	1501 mg/kg rat
Propane	Not available
Solvent naphtha (petroleum), light aromatic	4200 mg/kg rat
Solvent naphtha (petroleum), light aliphatic	3670 mg/kg rat
Xylene	3523 mg/kg rat

Effects of acute exposure

Eye	Causes eye irritation.
Skin	Causes skin irritation.
Inhalation	Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness).
Ingestion	Not a normal route of exposure. May cause stomach distress, nausea or vomiting.
Sensitisation	Non-hazardous by WHMIS criteria.
Chronic effects	Chronic ingestion of calcium monocarbonate may cause hypercalcemia, alkalosis and kidney damage. It may also produce "milk-alkali syndrome" characterized by neurological symptoms such as irritability, lethargy, stupor and coma.
Carcinogenicity	Non-hazardous by WHMIS criteria.
ACGIH - Threshold Limits Values - Carcinogens	
Ethanol	64-17-5 A4 - Not Classifiable as a Human Carcinogen
Xylene	1330-20-7 A4 - Not Classifiable as a Human Carcinogen
Mutagenicity	Contains a potential mutagen.
Reproductive effects	Non-hazardous by WHMIS criteria.
Teratogenicity	Contains a potential teratogen.

12. Ecological Information

Ecotoxicity effects	Components of this product have been identified as having potential environmental concerns.
Environmental effects	Harmful to aquatic life.
Aquatic toxicity	Not available
Persistence and degradability	Not available
Bioaccumulation/accumulation	Not available
Partition coefficient	Not available
Mobility in environmental media	Not available
Chemical fate information	Not available

13. Disposal Considerations

Waste codes	Not available
Disposal instructions	Review federal, provincial, and local government requirements prior to disposal. Do not puncture or incinerate container.
Waste from residues / unused products	Not available
Contaminated packaging	Not available

14. Transport Information

Transportation of Dangerous Goods (TDG)

Basic shipping requirements:

Proper shipping name Consumer Commodity (Applicable to containers <1L)

15. Regulatory Information

Canadian federal regulations	This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.
WHMIS classification	Class A - Compressed Gas, Class B - Division 5; Flammable Aerosol, Class D - Division 2A, 2B
WHMIS status	Controlled
WHMIS labeling	



Inventory Status

Country(s) or region	Inventory Name	On Inventory (Yes/No)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No

16. Other Information

Disclaimer

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

Issue date

18-Apr-2006

Effective Date

15-Apr-2006

Expiry Date

15-Apr-2009

Prepared by

Dell Tech Laboratories Ltd. (519) 858-5021