



Issue date 11-Oct-2017

Safety Data Sheet

Version 2

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

Product Identifier

Product name CHAMPION SPRAYON FIELD MARKING & STRIPING PAINT YELLOW
Chemical name 6-6248

Other means of identification

Product code FG 419-4821-7
Synonyms Spray Paint

Recommended use of the chemical and restrictions on use

Recommended Use Field and pavement marking and striping paints.
Uses advised against Do not use on surfaces that are wet, cover with dust, dirt, grease, wax or loose paint.

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
Emergency telephone ChemTel 1-800-255-3924

2. Hazards Identification

Classification

| | |
|-----------------------------------|---------------|
| Serious eye damage/eye irritation | Category 2 |
| Germ cell mutagenicity | Category 1B |
| Carcinogenicity | Category 1B |
| Aspiration toxicity | Category 1 |
| FLAMMABLE AEROSOLS | Category 1 |
| Gases Under Pressure | liquefied gas |

Label Elements

EMERGENCY OVERVIEW

DANGER

hazard statements

Causes serious eye irritation
May cause genetic defects
May cause cancer
May be fatal if swallowed and enters airways
EXTREMELY FLAMMABLE AEROSOL
Contains gas under pressure; may explode if heated

FG 419-4821-7 CHAMPION SPRAYON FIELD MARKING & STRIPING PAINT YELLOW



Appearance Yellow, viscous liquid. **Physical State** Aerosol **Odor** Characteristic odor of paint.

Precautionary Statements - Prevention

Obtain special instructions before use
 Do not handle until all safety precautions have been read and understood
 Wear protective gloves, protective clothing, eye protection and face protection.
 Wash face, hands and any exposed skin thoroughly after handling
 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

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 eye irritation persists: Get medical advice/attention
 IF SWALLOWED: Immediately call a POISON CENTER or doctor
 Do NOT induce vomiting

Precautionary Statements - Storage

Store locked up
 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

- Toxic to aquatic life with long lasting effects
- 7.124% of the mixture consists of ingredient(s) of unknown toxicity

3. Composition/information on Ingredients

Synonyms Spray Paint.
Chemical Family MIXTURES.
Formula 6-6248

| Chemical name | CAS No | weight-% | Trade secret |
|-----------------------------------|------------|----------|--------------|
| Water | 7732-18-5 | 35-40 | * |
| Acetone | 67-64-1 | 10-15 | * |
| Low Odor Mineral Spirits | 64742-47-8 | 10-15 | * |
| Calcium Carbonate | 471-34-1 | 5-10 | * |
| Propane | 74-98-6 | 5-10 | * |
| N-Butane | 106-97-8 | 1-5 | * |
| Light Aliphatic Naphtha | 64742-49-0 | 1-5 | * |
| Xylenes (o-, m-, p- isomers) | 1330-20-7 | <1 | * |
| Petroleum naphtha, light aromatic | 64742-95-6 | <1 | * |

* 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** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advise.
- 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** Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

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.

Indication of any immediate medical attention and special treatment needed

- Note to physicians** Contains petroleum distillates, do not induce vomiting because of aspiration pneumonia hazard.

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 nitrogen oxides, carbon monoxide and carbon dioxide.

Explosion data

Sensitivity to Mechanical Impact Contents under pressure. This product is extremely flammable. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

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 in well-ventilated area ONLY. NOTICE: Reports have associated repeated and prolonged occupational over exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. To avoid breathing vapor or spray mist open windows and doors or

FG 419-4821-7 CHAMPION SPRAYON FIELD MARKING & STRIPING PAINT YELLOW

use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air or wear an appropriate, properly fitted respirator (NIOSH approved), or leave the area. NOTE: Follow respirator manufacturer's instructions carefully for respirator use.

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 Handle as an extremely flammable material. Avoid contact with skin, eyes and clothing. Store cans in a cool, dry place away from heat and open flame.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). **AEROSOL STORAGE LEVEL III (NFPA-30B).**

Incompatible Materials Avoid heat, open flame and contact with strong acids, strong bases and 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 |
|---|--|---|--|
| Acetone 67-64-1 | STEL: 500 ppm TWA: 250 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 |
| Calcium Carbonate 471-34-1 | - | - | TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust |
| Propane 74-98-6 | : See Appendix F: Minimal Oxygen Content | 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 |
| 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 |
| Xylenes (o-, m-, p- isomers) 1330-20-7 | STEL: 150 ppm TWA: 100 ppm | TWA: 100 ppm TWA: 435 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m ³ (vacated) STEL: 150 ppm (vacated) STEL: 655 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 Chemical resistant gloves required.

Respiratory protection Use in well-ventilated area ONLY. NOTICE: Reports have associated repeated and prolonged occupational over exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. To avoid breathing vapor or spray mist open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air or wear an appropriate, properly fitted respirator (NIOSH approved), or leave the area. NOTE: Follow respirator manufacturer's instructions carefully for respirator use.

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 | Characteristic odor of paint. |
| Appearance | Yellow, viscous liquid. | Odor threshold | No information available |
| Color | Yellow | | |
| Property | Values | Remarks • Method | |
| pH | Not applicable | Solvent-based product. | |
| Melting point/freezing point | Not applicable | No information available | |
| Boiling point/boiling range | Acetone 133 °F/56.29 °C | No information available | |
| Flash Point | Not available. This is an aerosol product with a Flame Projection of 18 in. with 3 in. flashback. Temperatures above 120 °F may cause cans to burst. | 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 | 0.97 concentrate | No information available | |
| Water solubility | Insoluble in water | No information available | |
| 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 (%) | 30.09% | | |
| Density | 8.08 lb/gal concentrate | | |

Bulk Density No information available

10. Stability and Reactivity

Reactivity
Not applicable No data available

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 acids, strong bases and strong oxidizers.

Hazardous decomposition products
Thermal decomposition may yield gases like nitrogen oxides, 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** No data available.
- Eye Contact** No data available.
- Skin contact** No data available.
- Ingestion** No data available.

| Chemical name | Oral LD50 | dermal LD50 | Inhalation LC50 |
|---|----------------------|---|---|
| Water 7732-18-5 | > 90 mL/kg (Rat) | - | - |
| Acetone 67-64-1 | = 5800 mg/kg (Rat) | - | = 50100 mg/m ³ (Rat) 8 h |
| Low Odor Mineral Spirits 64742-47-8 | > 5000 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | > 5.2 mg/L (Rat) 4 h |
| Calcium Carbonate 471-34-1 | = 6450 mg/kg (Rat) | - | - |
| Propane 74-98-6 | - | - | = 658 mg/L (Rat) 4 h |
| N-Butane 106-97-8 | - | - | = 658 g/m ³ (Rat) 4 h |
| Light Aliphatic Naphtha 64742-49-0 | > 5000 mg/kg (Rat) | > 3160 mg/kg (Rabbit) | = 73680 ppm (Rat) 4 h |
| Xylenes (o-, m-, p- isomers) 1330-20-7 | = 3500 mg/kg (Rat) | > 1700 mg/kg (Rabbit) > 4350 mg/kg (Rabbit) | = 29.08 mg/L (Rat) 4 h = 5000 ppm (Rat) 4 h |
| Petroleum naphtha, light aromatic 64742-95-6 | = 8400 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | = 3400 ppm (Rat) 4 h |

Information on toxicological effects

Symptoms Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

FG 419-4821-7 CHAMPION SPRAYON FIELD MARKING & STRIPING PAINT YELLOW

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. |
| Serious eye damage/eye irritation | Irritating to eyes. |
| irritation | May cause skin and eye irritation. |
| corrosivity | Not applicable. |
| sensitization | No information available. |
| Germ cell mutagenicity | See Section 2 of this SDS. |
| Carcinogenicity | The table below indicates whether each agency has listed any ingredient as a carcinogen. |

| Chemical name | ACGIH | IARC | NTP | OSHA |
|---|-------|---------|-----|------|
| Xylenes (o-, m-, p- isomers) 1330-20-7 | | Group 3 | | |

| | |
|---------------------------------|----------------------------|
| Reproductive toxicity | See Section 2 of this SDS. |
| STOT - single exposure | No information available. |
| STOT - repeated exposure | No information available. |
| Aspiration Hazard | No information available. |

Numerical measures of toxicity - Product Information

Unknown acute toxicity 7.124% 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) | 21118 mg/kg |
| ATEmix (dermal) | 31293 mg/kg |
| ATEmix (inhalation-gas) | 15680 mg/l |
| ATEmix (inhalation-dust/mist) | 15.9 mg/l |
| ATEmix (inhalation-vapor) | 840 mg/l |

12. Ecological Information

ecotoxicity

30.494% of the mixture consists of components(s) of unknown hazards to the aquatic environment

| Chemical name | Algae/aquatic plants | Fish | Toxicity to Microorganisms | Crustacea |
|---|----------------------|---|----------------------------|--|
| Acetone 67-64-1 | | 4.74 - 6.33: 96 h Oncorhynchus mykiss mL/L LC50 8300: 96 h Lepomis macrochirus mg/L LC50 6210 - 8120: 96 h Pimephales promelas mg/L LC50 static | EC50 = 14500 mg/L 15 min | 12600 - 12700: 48 h Daphnia magna mg/L EC50 10294 - 17704: 48 h Daphnia magna mg/L EC50 Static |
| Low Odor Mineral Spirits 64742-47-8 | | 2.2: 96 h Lepomis macrochirus mg/L LC50 static 45: 96 h Pimephales promelas mg/L LC50 flow-through 2.4: 96 h Oncorhynchus mykiss mg/L LC50 static | | 4720: 96 h Den-dronereides heteropoda mg/L LC50 |
| Light Aliphatic Naphtha 64742-49-0 | | | | 2.6: 96 h Chaetogammarus marinus mg/L LC50 |
| Xylenes (o-, m-, p- isomers) 1330-20-7 | | 30.26 - 40.75: 96 h Poecilia reticulata mg/L LC50 static 780: 96 h Cyprinus carpio mg/L LC50 semi-static 2.661 - 4.093: 96 h Oncorhynchus mykiss mg/L LC50 static 13.4: 96 h Pimephales promelas mg/L LC50 flow-through 23.53 - 29.97: 96 h Pimephales promelas mg/L LC50 static 13.1 - 16.5: 96 h Lepomis macrochirus mg/L LC50 flow-through | EC50 = 0.0084 mg/L 24 h | 3.82: 48 h water flea mg/L EC50 0.6: 48 h Gammarus lacustris mg/L LC50 |

FG 419-4821-7 CHAMPION SPRAYON FIELD MARKING & STRIPING PAINT YELLOW

| | | | |
|---|--|---|------------------------------------|
| | | 7.711 - 9.591: 96 h Lepomis macrochirus mg/L LC50 static 13.5 - 17.3: 96 h Oncorhynchus mykiss mg/L LC50 19: 96 h Lepomis macrochirus mg/L LC50 780: 96 h Cyprinus carpio mg/L LC50 | |
| Petroleum naphtha, light aromatic 64742-95-6 | | 9.22: 96 h Oncorhynchus mykiss mg/L LC50 | 6.14: 48 h Daphnia magna mg/L EC50 |

Persistence and degradability

No information available.

Bioaccumulation

No information available.

| Chemical name | Partition coefficient |
|---|-----------------------|
| Acetone 67-64-1 | -0.24 |
| Propane 74-98-6 | 2.3 |
| N-Butane 106-97-8 | 2.89 |
| Xylenes (o-, m-, p- isomers) 1330-20-7 | 2.77 - 3.15 |

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 | RCRA | RCRA - Basis for Listing | RCRA - D Series Wastes | RCRA - U Series Wastes |
|---|------|-----------------------------------|------------------------|------------------------|
| Acetone 67-64-1 | | Included in waste stream: F039 | | U002 |
| Xylenes (o-, m-, p- isomers) 1330-20-7 | | Included in waste stream: F039 | | U239 |

| Chemical name | California Hazardous Waste Status |
|---|-----------------------------------|
| Acetone 67-64-1 | Ignitable |
| Xylenes (o-, m-, p- isomers) 1330-20-7 | Toxic Ignitable |

14. Transport Information

DOT

UN/ID no
Proper Shipping Name
Hazard Class

Limited Quantity
Consumer Commodity
ORM-D

FG 419-4821-7 CHAMPION SPRAYON FIELD MARKING & STRIPING PAINT YELLOW

IATA

UN/ID no UN1950
Proper Shipping Name Aerosols, flammable
Hazard Class 2.1

IMDG

UN/ID no UN1950
Proper Shipping Name Aerosols, flammable
Hazard Class 2.1
Marine pollutant This product contains chemicals that are listed as 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 % |
|--|-----------|----------|-------------------------------|
| Xylenes (o-, m-, p- isomers) - 1330-20-7 | 1330-20-7 | <1 | 1.0 |

SARA 311/312 Hazard Categories

Acute Health Hazard yes
Chronic Health Hazard yes
Fire Hazard yes
Sudden release of pressure hazard No
Reactive Hazard No

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

| Chemical name | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|---|-----------------------------|------------------------|---------------------------|----------------------------|
| Xylenes (o-, m-, p- isomers) 1330-20-7 | 100 lb | | | X |

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)

| Chemical name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|---|--------------------------|----------------|--|
| Acetone 67-64-1 | 5000 lb | | RQ 5000 lb final RQ RQ 2270 kg final RQ |
| Xylenes (o-, m-, p- isomers) 1330-20-7 | 100 lb | | RQ 100 lb final RQ RQ 45.4 kg final RQ |

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals. This product contains <0.1% cumene and <0.1% ethyl benzene,

FG 419-4821-7 CHAMPION SPRAYON FIELD MARKING & STRIPING PAINT YELLOW

chemicals known to the state of California to cause cancer.

U.S. State Right-to-Know Regulations

| Chemical name | New Jersey | Massachusetts | Pennsylvania |
|---|------------|---------------|--------------|
| Water 7732-18-5 | | | X |
| Acetone 67-64-1 | X | X | X |
| Propane 74-98-6 | X | X | X |
| N-Butane 106-97-8 | X | X | X |
| Xylenes (o-, m-, p- isomers) 1330-20-7 | X | X | X |

U.S. EPA Label information

EPA Pesticide registration number Not applicable

16. Other information

| | | | | |
|-------------|--------------------------|-----------------------|---------------------------|--|
| NFPA | Health Hazards 2 | Flammability 4 | Instability 1 | Physical and chemical properties Not applicable Personal Protection B - Eyes and hands protection |
| HMIS | Health Hazards 2* | Flammability 4 | Physical hazards 1 | |

Prepared by Regulatory Department
Issue date 11-Oct-2017

Revision note

This SDS supersedes a previous SDS dated September 30, 2015.

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