



MATERIAL SAFETY DATA SHEET

CHAMP COLD GALVANIZE

1. Product And Company Identification

Supplier

Chase Products Co.
19th and Gardner Road
Broadview, IL 60155 USA

Company Contact: Aludia B. Hernandez
Telephone Number: 708-865-1000
FAX Number: 708-865-0923
E-Mail: sales@chaseproducts.com
Web Site: www.chaseproducts.com

Manufacturer

Chase Products Co.
19th and Gardner Road
Broadview, IL 60155 USA

Company Contact: Aludia B. Hernandez
Telephone Number: 708-865-1000
FAX Number: 708-865-0923
E-Mail: sales@chaseproducts.com
Web Site: www.chaseproducts.com

Supplier Emergency Contacts & Phone Number

Chem-Tel: 1-800-255-3924

Manufacturer Emergency Contacts & Phone Number

Chem-Tel: 1-800-255-3924

Issue Date: 04/18/2001

Product Name: CHAMP COLD GALVANIZE

Chemical Name: 6-5389-1

CAS Number: Not Established

MSDS Number: 578

Product Code: 419-T3408-1

Product/Material Uses - Cold Galvanize/Flat protective coating.

2. Composition/Information On Ingredients

Ingredient Name	CAS Number		Percent Of Total Weight
ACETONE	67-64-1		
BUTANE	106-97-8		
ETHYL BENZENE	100-41-4	<	1
LIGHT AROMATIC NAPHTHA	64742-95-6		
PROPANE	74-98-6		
TOLUENE	108-88-3		15 - 20
XYLENE (MIXED ISOMERS)	1330-20-7		1 - 5
ZINC DUST	7440-66-6		15 - 20

The ingredients listed on this section are only the hazardous components of the product.

3. Hazards Identification

Primary Routes(s) Of Entry - Ingestion (possible, but considered unlikely), eye contact, skin contact, inhalation.

Eye Hazards - Causes eye irritation.

Skin Hazards - Causes skin irritation.

Ingestion Hazards - This is an aerosol product, ingestion is unlikely to occur.

Inhalation Hazards - Deliberate inhalation of concentrate vapor or mist can cause headache, dizziness and nausea..

Chronic/Carcinogenicity Effects - Toluene and xylene have been associated with kidney and liver disorders. IARC has evaluated and classified ethylbenzene as a possible human carcinogen (group 2B) based on sufficient evidence of carcinogenicity in animals, but inadequate evidence for cancer in exposed humans.

Epidemiology - None known

Teratogenicity (Birth Defects) - California's Proposition 65: "Warning: this product contains toluene, a chemical known

MATERIAL SAFETY DATA SHEET

CHAMP COLD GALVANIZE

3. Hazards Identification - Continued

to the State of California to cause birth defects or other reproductive harm".

Reproductive Effects - Suspect reproductive hazard. Contains material which may cause birth defects, based on animal data. This product contains toluene.

Neurotoxicity - None known

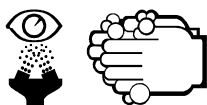
Mutagenicity (Genetic Effect) - None known

Signs And Symptoms - Acute: Prolonged inhalation of vapor or mist can cause headache, dizziness and nausea. Prolonged contact with the skin causes irritation. Irritant to eyes.

Conditions Aggravated By Exposure - Pre-existing skin, respiratory, liver and kidney disorders.

Conditions Aggravated By Overexposure - Pre-existing skin, respiratory, liver and kidney disorders.

First Aid (Pictograms)



4. First Aid Measures

Eye - Flush from eyes with plenty of water.

Skin - Wash skin with soap and water.

Ingestion - Ingestion from an aerosol product is unlikely to occur.

Inhalation - If overcome by vapor move victim to fresh air, restore and/or support breathing if required. Consult a physician if injury develops.

5. Fire Fighting Measures

Flash Point: Not available °F Not available °C

Flash Point Method: Not available

Lower Explosive Limit: Not available

Upper Explosive Limit: Not available

Fire And Explosion Hazards - This product is an aerosol product for which Flame Projection is 18 in, with flashback. Temperatures above 120 F may cause cans to burst.

Extinguishing Media - Use CO2 (Carbon Dioxide), dry chemical, or water fog.

Fire Fighting Instructions - Water spray may be used to cool cans in the vicinity of fire or excessive heat.

6. Accidental Release Measures

Provide adequate ventilation to area being treated. Soak up spills with chemically inert, absorbent material.

Handling & Storage (Pictograms)



7. Handling And Storage

Handling And Storage Precautions - Handle as an extremely flammable material. Store in a cool, dry place away from heat and open flame.

Handling Precautions - Avoid getting spray into eyes. Keep out of reach of children.

Storage Precautions - 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)

Work/Hygienic Practices - Wash hands thoroughly after using this product.

MATERIAL SAFETY DATA SHEET

CHAMP COLD GALVANIZE

Protective Clothing (Pictograms)



8. Exposure Controls/Personal Protection

Engineering Controls - Use with adequate general and local exhaust ventilation. Use in a well-ventilated area only.

Eye/Face Protection - Conventional eyeglasses to guard against splashing.

Skin Protection - Rubber, vinyl, neoprene or household type gloves.

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 entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air or wear respiratory protection (NIOSH/MSHA TC-23C or equivalent), or leave the area.

Ingredient(s) - Exposure Limits

ACETONE

ACGIH TLV-STEL 750 ppm ; ACGIH TLV-TWA 500 ppm ; OSHA PEL-TWA 1,000 ppm

BUTANE

ACGIH TLV-TWA 800 ppm

ETHYL BENZENE

ACGIH TLV-STEL 125 ppm (Notice of intended change) ; ACGIH TLV-TWA 100 ppm (Notice of Intended Change) ; OSHA PEL-TWA 100 ppm

LIGHT AROMATIC NAPHTHA

50PPM Recommended by the manufacturer.

PROPANE

ACGIH TLV-TWA 2500 ppm ; OSHA PEL-TWA 1,000 ppm

TOLUENE

ACGIH TLV-TWA 50 ppm (Skin) ; OSHA PEL-CEILING 300 ppm ; OSHA PEL-PEAK 500 ppm

OSHA PEL-TWA 200 ppm

XYLENE (MIXED ISOMERS)

ACGIH TLV-STEL 150 ppm ; ACGIH TLV-TWA 100 ppm ; OSHA PEL-TWA 100 ppm

ZINC DUST

OSHA PEL 5mg/m3 ; ACGIH TLV 5mg/m3

9. Physical And Chemical Properties

Appearance - Appearance of paint.

Odor - Paint odor.

Chemical Type: Mixture

Physical State: Liquid

Melting Point: Not applicable °F Not applicable °C

Boiling Point: Acetone 133 °F Acetone 56 °C

Specific Gravity: 1.131

Percent VOCs: 49.30

Solubility: Insoluble

Evaporation Rate: Faster than butyl acetate

MATERIAL SAFETY DATA SHEET

CHAMP COLD GALVANIZE

10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions To Avoid (Stability) - 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.

Conditions To Avoid (Polymerization) - Temperatures above 120 F

11. Toxicological Information

Ingredient(s) - Carcinogenicity

ETHYL BENZENE

Listed In The IARC Monographs

12. Ecological Information

No Data Available...

13. Disposal Considerations

Wrap empty container in newspaper and dispose of it in non-incinerated trash only.

14. Transport Information

Proper Shipping Name - ORM-D Consumer Commodity

DOT Identification Number

UN1950

DOT Shipping Label

Aerosol Consumer Commodity

15. Regulatory Information

U.S. Regulatory Information - All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

SARA Hazard Classes

Acute Health Hazard; Chronic Health Hazard; Fire Hazard

SARA Section 313 Notification - 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 of 40 CFR 372. This information must be included in all MSDSs that are copied and distributed for this material: Toluene, Xylene, Zinc Dust and Ethylbenzene. See section 2 for % amount in the product.

Ingredient(s) - U.S. Regulatory Information

ETHYL BENZENE

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical; SARA - Acute Health Hazard; SARA - Chronic Health Hazard; SARA - Fire Hazard

TOLUENE

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical; SARA - Acute Health Hazard; SARA - Chronic Health Hazard; SARA - Fire Hazard

XYLENE (MIXED ISOMERS)

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical; SARA - Acute Health Hazard; SARA - Chronic Health

MATERIAL SAFETY DATA SHEET

CHAMP COLD GALVANIZE

15. Regulatory Information - Continued

Ingredient(s) - U.S. Regulatory Information - Continued

Hazard; SARA - Fire Hazard

ZINC DUST

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical; SARA - Acute Health Hazard

Ingredient(s) - State Regulations

ACETONE

New Jersey - Workplace Hazard; Pennsylvania - Workplace Hazard; Massachusetts - Hazardous Substance; New York City - Hazardous Substance

BUTANE

New Jersey - Workplace Hazard; New Jersey - Environmental Hazard; New Jersey - Special Hazard; Pennsylvania - Workplace Hazard; Massachusetts - Hazardous Substance; New York City - Hazardous Substance

ETHYL BENZENE

New Jersey - Workplace Hazard; New Jersey - Environmental Hazard; New Jersey - Special Hazard; Pennsylvania - Workplace Hazard; Pennsylvania - Environmental Hazard; Massachusetts - Hazardous Substance; New York City - Hazardous Substance

PROPANE

New Jersey - Workplace Hazard; New Jersey - Environmental Hazard; New Jersey - Special Hazard; Pennsylvania - Workplace Hazard; Massachusetts - Hazardous Substance; New York City - Hazardous Substance

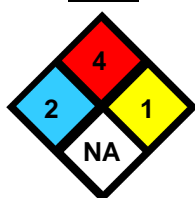
TOLUENE

New Jersey - Workplace Hazard; New Jersey - Environmental Hazard; New Jersey - Special Hazard; Pennsylvania - Workplace Hazard; Pennsylvania - Environmental Hazard; California - Proposition 65; Massachusetts - Hazardous Substance; New York City - Hazardous Substance

XYLENE (MIXED ISOMERS)

New Jersey - Workplace Hazard; New Jersey - Environmental Hazard; New Jersey - Special Hazard; Pennsylvania - Workplace Hazard; Pennsylvania - Environmental Hazard; Massachusetts - Hazardous Substance; New York City - Hazardous Substance

NFPA



HMIS

HEALTH	*2
FLAMMABILITY	4
REACTIVITY	1
PERSONAL PROTECTION	B

16. Other Information

Revision/Preparer Information

MSDS Preparer: Laura E. Radevski

MSDS Preparer Phone Number: 708-865-1000

This MSDS Superceeds A Previous MSDS Dated: 04/18/2001

MATERIAL SAFETY DATA SHEET

CHAMP COLD GALVANIZE

Disclaimer

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purposes(s).

Chase Products Co.

Printed Using MSDS Generator™ 2000