

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 11/13/2008

Reviewed on 11/13/2008

1 Identification of substance

Trade name: MRO BULK COLD GALVANIZE

Product code: 0000011445F

Manufacturer/Supplier: SEYMOUR OF SYCAMORE
917 Crosby Avenue
Sycamore, IL 60178
(815)-895-9101, www.seymourpaint.com

Information department: Health & Safety Department

Emergency information: CHEMTEL 1-800-255-3924, 813-248-0585 *if located outside the U.S.*



2 Composition/Data on components

Chemical Description: This product is a mixture of the substances listed below with nonhazardous additions.

Dangerous components:

540-88-5	tert-butyl acetate	10.3%
64742-89-8	VM&P Naptha	5.1%
64742-47-8	Mineral Spirits	4.66%
1314-13-2	zinc oxide	2.01%
8002-43-5	Soya Lecithin	1.3%
96-29-7	2-butanone oxime	0.1%

Additional information: For the wording of the listed risk phrases refer to section 3.

3 Hazards identification

Hazard description:



Flammable

Physical dangers:

Flammable.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

NFPA ratings (scale 0 - 4):

Health- 2
Flammability- 3
Reactivity- 0

HMIS-ratings (scale 0 - 4):

Health- 2
Flammability- 3
Physical Hazard- 0

4 First aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Remove contaminated clothing. Wash exposed area with soap and water.

After eye contact: Rinse opened eye for several minutes under running water.

After swallowing: Contact physician or poison control center.

5 Fire fighting measures

Extinguishing agents: CO2, sand, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.

Protective equipment: No special measures required.

6 Accidental release measures

Personal safety

precautions:

Wear protective equipment. Keep unprotected persons away.

Environmental safety

precautions:

Inform appropriate authorities in case of seepage into water course or sewage system.
Do not allow product to reach sewage systems or ground water.

Measures for cleaning/ collecting:

Do not flush with water or aqueous cleansing agents. Use diluted caustic solution. Soak up spills with inert absorbent material. Refer to section 13 for disposal information.
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.

7 Handling and storage

Safe handling information:

Prevent formation of aerosols.

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Fire/explosion protection: Do not smoke. Protect from electrostatic charges.
Do not spray on a naked flame or any incandescent material. Do not smoke. Protect from electrostatic discharges.

8 Exposure controls and personal protection:

Components with limit values that require monitoring at the workplace:

540-88-5 tert-butyl acetate

PEL	950 mg/m ³ , 200 ppm
REL	950 mg/m ³ , 200 ppm
TLV	950 mg/m ³ , 200 ppm

96-29-7 2-butanone oxime

WEEL	10 ppm
DSEN	

Protective hygienic measures:

Wash hands after use.

Breathing equipment:

Use suitable respiratory protective device in case of insufficient ventilation.

Protection of hands:

Protective gloves. The glove material has to be impermeable and resistant to the substance. No glove recommendation can be given.

Eye protection:

Tightly sealed goggles

9 Physical and chemical properties:

General Information:

Form:	Liquid
Color:	According to trade name description in section 1.
Boiling point/Boiling range:	97°C
Flash point:	-19°C
Ignition temperature:	210°C
Auto igniting:	Product is not self-igniting.
Danger of explosion:	In use, may form flammable/explosive vapour-air mixture.
Lower Explosion Limit:	1.2 Vol %
Upper Explosion Limit:	7.0 Vol %
Density at 20°C:	2.22482 g/cm ³
VOC content:	314.6 g/l / 2.63 lb/gal
VOC content (less exempt solvents):	20.7 %
MIR value:	10.4 %
MIR Value:	0.00
Solids content:	77.9 %

10 Stability and reactivity:

Conditions to be avoided: No decomposition if used according to specifications.

Possibility of Hazardous

Reactions: No dangerous reactions known.

11 Toxicological information:

Primary effect on the skin: No irritant effect.

Primary effect on the eye: No irritating effect.

Sensitization: No sensitizing effects known.

Additional toxicological information:

Harmful

12 Ecological information

Other information: This product does not contain any chloroflourocarbons (CFC's), chlorinated solvents, lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyl (PBB), or polybrominated diphenyl ether (PDBE). No specific ecological data is available for this product.

Ecotoxical effects:

Aquatic toxicity: Harmful to aquatic organisms.
Hazardous for water, do not empty into drains.

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Remark: Harmful to fish

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13 Disposal considerations

DISPOSAL METHOD: Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.

Recommendation: Completely empty cans should be recycled.

14 Transport information:

Hazard class: 3
Identification number: UN1263
Label 3
ADR/RID class: 3 Flammable liquids
UN-Number: 1263
IMDG Class: 3
Packaging group: II
EMS Number: F-E,S-E
Marine pollutant: No
ICAO/IATA Class: 3
Proper shipping name: PAINT

15 Regulations

SARA Section 355 (extremely hazardous substances):

None of the ingredients in this product are listed.

SARA Section 313 (Specific toxic chemical listings):

7440-66-6 zinc powder -zinc dust (pyrophoric)

TSCA (Toxic Substances

Control Act): All ingredients are listed.

PROPOSITION 65 Chemicals known to cause cancer:

7440-43-9 cadmium (non-pyrophoric)

7439-92-1 lead

EPA:

A= Known human carcinogen B= Probable human carcinogen

C= Possible human carcinogen

D= Not classifiable as to human carcinogenicity: Inadequate human and animal evidence of carcinogenicity (or no data is available).

7440-66-6 zinc powder -zinc dust (pyrophoric)

II

1314-13-2 zinc oxide

II

IARC:

Group 2B: The ingredient is possibly carcinogenic to humans. There is limited evidence of carcinogenicity.

Group 3: The ingredient is unclassifiable as to its carcinogenicity to humans.

Group 2B: The ingredient is possibly carcinogenic to humans. There is limited evidence of carcinogenicity.

Group 3: The ingredient is unclassifiable as to its carcinogenicity to humans.

ACGIH TLVs:

A1-designates a confirmed human carcinogen.

A2-designates a suspected human carcinogen.

A3-designates an animal carcinogen.

A4-designates "not classifiable as a human carcinogen".

A1-designates a confirmed human carcinogen.

A2-designates a suspected human carcinogen.

A3-designates an animal carcinogen.

A4-designates "not classifiable as a human carcinogen".

NIOSH:

7440-43-9 cadmium (non-pyrophoric)

Hazard symbols:

Flammable

Risk phrases:

Flammable.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Safety phrases:

Keep out of the reach of children.

Keep container in a well-ventilated place.

Keep away from sources of ignition - No smoking.

Do not breathe gas/fumes/vapour/spray.

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Avoid contact with eyes.
Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point
Take precautionary measures against static discharges.
In case of fire, use sand, carbon dioxide or powdered extinguishing agent. Never use water.
If swallowed, seek medical advice immediately and show this container or label.
This material and its container must be disposed of as hazardous waste.

Special labeling of certain preparations:

The International Agency for Research on Cancer has evaluated ethylbenzene and classified it a possible human carcinogen based on sufficient evidence for carcinogenicity in experimental animals, but inadequate evidence for cancer in exposed humans. However, a two year rat and mouse gavage study by the National Toxicology Program on mixed xylene isomers including 17% ethylbenzene showed no evidence of carcinogenicity.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Contact: Regulatory Affairs

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
NFPA: National Fire Protection Association (USA)

USA