# Material Safety Data Sheet
**acc. to ISO/DIS 11014**

Printing date 01/05/2011 Revised On 01/05/2011

## 1 Identification of the substance and manufacturer

**Trade name:** **GREEN ZINC PHOSPHATE**

**Product code:** 0000160899

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

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

## 2 Composition/information on ingredients

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

**Dangerous components:**

| | | |
|---|---|---|
| 67-64-1 | Acetone | 33.02% |
| 74-98-6 | propane | 15.73% |
| 106-97-8 | n-butane | 9.24% |
| 108-88-3 | Toluene | 8.37% |
| 110-19-0 | isobutyl acetate | 4.36% |
| 64-17-5 | ethyl alcohol | 4.3% |
| 1330-20-7 | xylene (mix) | 3.55% |
| 64742-89-8 | VM&P Naphtha | 1.73% |
| 64742-47-8 | Mineral Spirits | 1.42% |
| 1314-13-2 | zinc oxide | 0.21% |

## 3 Hazards identification

**Hazard Information:** Extremely flammable liquid and vapor. Keep away from heat, sparks, and flame.
Has narcotizing effect.

**Risk phrases:** Extremely flammable.
Irritating to eyes.
Possible risk of harm to the unborn child

**Safety phrases:** Keep out of the reach of children.
Keep away from sources of ignition - No smoking.
Do not breathe gas/fumes/vapour/spray.
Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point
Wear suitable protective clothing and gloves.
If swallowed, seek medical advice immediately and show this container or label.
Use only in well-ventilated areas.

**Special precautions:** Do not spray on a naked flame or any incandescent material.
Buildup of explosive mixtures possible without sufficient ventilation.

**Effects of chronic overexposure:** May cause permanent brain and nervous system damage. Repeated overexposure can also damage kidneys, lungs, liver, heart, and blood. Intentional misuse by deliberately inhaling the contents may be harmful or fatal.

**NFPA ratings (0 - 4):** Health = 1
Fire = 4
Reactivity = 3

**HMIS-ratings (0 - 4):** Health= 1
Fire= 4
Physical Hazard= 3

## 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:** Move to fresh air. Rinse opened eye for several minutes under running water.

**After swallowing:** Contact physician or poison control center.

## 5 Firefighting measures

**Extinguishing agents:** CO2, sand, extinguishing powder, or water spray.

**Special hazards:** No further relevant information available.

**Protective equipment:** No special measures required.

## 6 Accidental release measures

**Personal safety procedures:** Wear protective equipment. Keep unprotected persons away.

**Environmental precautions:** Do not allow product to reach sewage systems or ground water.

**Additional precautions:** Ensure adequate ventilation.

## 7 Handling and storage

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

**Storage requirements:** Observe pressurized container storage regulations. Consult with your local authorities.



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## 8 Exposure controls/personal protection

**Components with limit values that require monitoring at the workplace:**

**67-64-1 Acetone**

PEL 2400 mg/m³, 1000 ppm
REL 590 mg/m³, 250 ppm
TLV Short-term value: 1782 mg/m³, 750 ppm
Long-term value: 1188 mg/m³, 500 ppm
BEI

**74-98-6 propane**

PEL 1800 mg/m³, 1000 ppm
REL 1800 mg/m³, 1000 ppm
TLV Varies mg/m³, 1000 ppm

**106-97-8 n-butane**

REL 1900 mg/m³, 800 ppm
TLV Varies mg/m³, 1000 ppm

**108-88-3 Toluene**

PEL Short-term value: C 300; 500* ppm
Long-term value: 200 ppm
*10-min peak per 8-hr shift
REL Short-term value: 560 mg/m³, 150 ppm
Long-term value: 375 mg/m³, 100 ppm
TLV 75 mg/m³, 20 ppm
NIC-BEI

**110-19-0 isobutyl acetate**

PEL 700 mg/m³, 150 ppm
REL 700 mg/m³, 150 ppm
TLV 713 mg/m³, 150 ppm

**64-17-5 ethyl alcohol**

PEL 1900 mg/m³, 1000 ppm
REL 1900 mg/m³, 1000 ppm
TLV Short-term value: 1880 mg/m³, 1000 ppm

**1330-20-7 xylene (mix)**

PEL 435 mg/m³, 100 ppm
REL Short-term value: 655 mg/m³, 150 ppm
Long-term value: 435 mg/m³, 100 ppm
TLV Short-term value: 651 mg/m³, 150 ppm
Long-term value: 434 mg/m³, 100 ppm
BEI

**Hygienic protection:** Keep away from foodstuffs and animal feed. Wash hands after use.
**Breathing equipment:** A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygeine.
**Hand protection:** 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

**Odor:** Aromatic

**pH-value:** Not determined.
**Boiling point:** -44°C (-47°F)

**Flash point:** -19°C (-2°F)

**Auto igniting:** Product is not self-igniting.

**Danger of explosion:** Stable at normal temperatures. Can may burst when exposed to temperatures exceeding 120 degrees fahrenheit. In use, may form flammable/explosive vapour-air mixture.
**Lower Explosion Limit:** 1.7 Vol %
**Upper Explosion Limit:** 10.9 Vol %
**Vapor Pressure:** 40 PSI, 2750 hPa
**Specific Gravity:** Between 0.77 and 0.85 (Water equals 1.00)

**VOC content:** 574.7 g/l / 4.80 lb/gl
**VOC content (less exempt solvents):** 50.5 %
**MIR Value:** 1.16

**Solids content:** 16.3 %
**Other information** No further relevant information available.

## 10 Stability and reactivity

**Conditions to avoid:** Do not allow the can to exceed 120 degrees Fahrenheit. Stable at normal temperatures.
**Hazardous reactions:** No dangerous reactions known.
**Hazardous decomposition:** No dangerous decomposition products known.

## 11 Toxicological information

**Skin effects:** No irritant effect.
**Eye effects:** Irritating effect.

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**Sensitization:** No sensitizing effects known.

## 12 Ecological information

**Aquatic toxicity:** Hazardous for water, do not empty into drains.
**Other information:** This product does not contain any chlorofluorocarbons (CFC's), hydrochlorofluorocarbons (HCFC's), perfluorocarbons (PFC's), or chlorinated solvents.

## 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:** 2.1
**Identification number:** N/A
**Label** 2.1
**ADR/RID/TDG class:** 2 5F Gases
**UN-Number:** 1950
**IMDG Class:** 2.1
**Packaging group:** II
**EMS Number:** F-D,S-U
**Marine pollutant:** No
**ICAO/IATA Class:** 2.1
**Special marking:** Consumer Commodity ORM-D

## 15 Regulatory information

**SARA Section 355 (extremely hazardous substances):**
None of the ingredients in this product are listed.

**SARA Section 313 (Specific toxic chemical listings):**

| | |
|---|---|
| 108-88-3 | Toluene |
| 1330-20-7 | xylene (mix) |

**TSCA:** All ingredients are listed.
**CPSC:** This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

**California Proposition 65 chemicals known to cause cancer:**

| | |
|---|---|
| 100-41-4 | ethyl benzene |
| 1333-86-4 | Carbon black |

**California Proposition 65 chemicals known to cause developmental toxicity:** 108-88-3 Toluene
**CANADIAN ENVIRONMENTAL PROTECTION ACT:** All hazardous ingredients for this product appear on the Canadian Domestice Substance List.
**WHMIS Symbols for Canada:** A - Compressed gas
D2A - Very toxic material causing other toxic effects

**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).
I: 'Data are inadequate for an assessment of human carcinogeni potential.'
II: 'Inadequate information to assess carcinogenic potential.'

| | | |
|---|---|---|
| 67-64-1 | Acetone | I |
| 108-88-3 | Toluene | II |
| 110-19-0 | isobutyl acetate | D |
| 1330-20-7 | xylene (mix) | I |

**IARC:** Group 2A: The ingredient is probably carcinogenic 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.

| | | |
|---|---|---|
| 108-88-3 | Toluene | 3 |
| 1330-20-7 | xylene (mix) | 3 |

**ACGIH:** 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".

| | | |
|---|---|---|
| 67-64-1 | Acetone | A4 |
| 108-88-3 | Toluene | A4 |
| 110-19-0 | isobutyl acetate | A4 |
| 64-17-5 | ethyl alcohol | A3 |
| 1330-20-7 | xylene (mix) | A4 |

**NIOSH:** The following substances are regulated in the United States with reference to occupational exposure limits:

| | |
|---|---|
| 1333-86-4 | Carbon black |

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**Hazard symbols:**

Harmful
Extremely flammable

## 16 Other information

This product was manufactured in the U.S.A.
The information on this sheet 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:**

GHS: Globally Harmonized System of Classification and Labelling of Chemicals
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
VOC: Volatile Organic Compounds (USA, EU)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
HMIS: Hazardous Materials Identification System (USA)
ISO: International Organization for Standardization
EPA: Environmental Protection Agency
IARC: International Agency for the Research of Cancer
NIOSH: National Institute for Occupational Safety and Health
TSCA: Toxic Substances Control Act
CPSC: Consumer Product Safety Commission