

Safety Data Sheet

Printing date 06/09/2022

Revised On 06/09/2022

1 Identification of the substance and manufacturer

Trade name: GREEN ZINC PHOSPHATE PRIMER
Product code: 80-1077
Recommended use: Paint and coatings application.
Uses advised against: Any that differs from the recommended use.
Manufacturer/Supplier: Kimball Midwest
 4800 Roberts Road
 Columbus, OH 43228
 800-233-1294
 www.kimballmidwest.com
Emergency telephone number: ChemTrec: 800-424-9300

2 Hazard(s) identification

Classification of the substance or mixture

Flammable Aerosols 1 H222 Extremely flammable aerosol.
 Gases under Pressure - Liquefied gas H280 Contains gas under pressure; may explode if heated.
 Eye Irritation 2A H319 Causes serious eye irritation.
 Sensitization - Skin 1 H317 May cause an allergic skin reaction.
 Specific Target Organ Toxicity - Single Exposure 3 H336 May cause drowsiness or dizziness.
 Specific Target Organ Toxicity - Repeated Exposure 2 H373 May cause damage to organs through prolonged or repeated exposure.

Additional information:

GHS Hazard pictograms



GHS02 GHS04 GHS07 GHS08

Signal word

Hazard statements

Danger
 Extremely flammable aerosol.
 Contains gas under pressure; may explode if heated.
 Causes serious eye irritation.
 May cause an allergic skin reaction.
 May cause drowsiness or dizziness.
 May cause damage to organs through prolonged or repeated exposure.
Precautionary statements
 Obtain special instructions before use.
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 Do not spray on an open flame or other ignition source.
 Pressurized container: Do not pierce or burn, even after use.
 Do not breathe dust/fume/gas/mist/vapors/spray.
 Wash thoroughly after handling.
 Use only outdoors or in a well-ventilated area.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 Call a poison center/doctor if you feel unwell.
 Store locked up.
 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
 Dispose of contents/container in accordance with local/regional/national/international regulations.

3 Composition/information on ingredients

Chemical characterization: Mixtures

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

Dangerous components:

79-20-9	methyl acetate	25-50%
74-98-6	propane	15-25%
106-97-8	n-butane	5-10%
110-19-0	Isobutyl Acetate	1-5%
1330-20-7	xylene (mix)	1-5%
64-17-5	ethyl alcohol	1-5%
67-64-1	Acetone	1-5%
64742-89-8	VM&P Naphtha	1-5%
64742-47-8	Mineral Spirits	1-5%
67-56-1	methanol	0.17%
108-31-6	maleic anhydride	0.03%

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. If symptoms persist, consult a doctor.
After swallowing: Rinse mouth with water. Do not induce vomiting.

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Most important symptoms and effects:

Dizziness

Indication of any immediate medical attention needed:

No further relevant information available.

5 Fire-fighting measures**Extinguishing agents:**

CO2, extinguishing powder or water spray. Fight larger fires with water spray.

Special hazards:

Can form explosive gas-air mixtures.

Protective equipment for firefighters:

A respiratory protective device may be necessary.

6 Accidental release measures**Personal precautions, protective equipment and emergency procedures:**

Use respiratory protective device against the effects of fumes/dust/aerosol.

Methods and material for containment and cleaning up:

Absorb liquid components with liquid-binding material.

7 Handling and storage**Precautions for safe handling**

Use only in well ventilated areas.

Storage requirements:

Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.

8 Exposure controls/personal protection**Components with limit values that require monitoring at the workplace:****79-20-9 methyl acetate**PEL (USA) Long-term value: 610 mg/m³, 200 ppmREL (USA) Short-term value: 760 mg/m³, 250 ppmLong-term value: 610 mg/m³, 200 ppm

TLV (USA) Short-term value: 250 ppm

Long-term value: 200 ppm

74-98-6 propanePEL (USA) Long-term value: 1800 mg/m³, 1000 ppmREL (USA) Long-term value: 1800 mg/m³, 1000 ppm

TLV (USA) see Appendix F Minimal oxygen content (D, EX)

106-97-8 n-butaneREL (USA) Long-term value: 1900 mg/m³, 800 ppmTLV (USA) Short-term value: 1000 ppm
(EX)**110-19-0 Isobutyl Acetate**PEL (USA) Long-term value: 700 mg/m³, 150 ppmREL (USA) Long-term value: 700 mg/m³, 150 ppm

TLV (USA) Short-term value: 150 ppm

Long-term value: 50 ppm

1330-20-7 xylene (mix)PEL (USA) Long-term value: 435 mg/m³, 100 ppmREL (USA) Short-term value: 655 mg/m³, 150 ppmLong-term value: 435 mg/m³, 100 ppm

TLV (USA) Short-term value: (150) ppm

Long-term value: (100) NIC-20 ppm
BEI, A4**64-17-5 ethyl alcohol**PEL (USA) Long-term value: 1900 mg/m³, 1000 ppmREL (USA) Long-term value: 1900 mg/m³, 1000 ppmTLV (USA) Short-term value: 1000 ppm
A3**67-64-1 Acetone**PEL (USA) Long-term value: 2400 mg/m³, 1000 ppmREL (USA) Long-term value: 590 mg/m³, 250 ppm

TLV (USA) Short-term value: 500 ppm

Long-term value: 250 ppm
A4, BEI

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67-56-1 methanol

PEL (USA)	Long-term value: 260 mg/m ³ , 200 ppm
REL (USA)	Short-term value: 325 mg/m ³ , 250 ppm Long-term value: 260 mg/m ³ , 200 ppm Skin
TLV (USA)	Short-term value: 250 ppm Long-term value: 200 ppm Skin; BEI

108-31-6 maleic anhydride

PEL (USA)	Long-term value: 1 mg/m ³ , 0.25 ppm
REL (USA)	Long-term value: 1 mg/m ³ , 0.25 ppm
TLV (USA)	Long-term value: 0.01* mg/m ³ DSEN, RSEN,*inh. fraction + vapor, A4

Ingredients with biological limit values:**1330-20-7 xylene (mix)**

BEI (USA)	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids
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67-64-1 Acetone

BEI (USA)	25 mg/L Medium: urine Time: end of shift Parameter: Acetone (nonspecific)
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67-56-1 methanol

BEI (USA)	15 mg/L Medium: urine Time: end of shift Parameter: Methanol (background, nonspecific)
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Hygienic protection:

Immediately remove all soiled and contaminated clothing.
Wash hands after use.
Avoid contact with the eyes and skin.
Do not eat or drink while working.

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 hygiene.

Hand protection:

Nitrile gloves.

Eye protection:

The glove material must be impermeable and resistant to the substance.
Tightly sealed goggles

9 Physical and chemical properties

Appearance:	Aerosol.
Odor:	Aromatic
Odor threshold:	Not determined.
pH-value:	Not determined.
Melting point/Melting range	Undetermined.
Boiling point:	-44 °C (-47.2 °F)
Flash point:	-19 °C (-2.2 °F)
Flammability (solid, gas):	Extremely flammable.
Decomposition temperature:	Not determined.
Auto igniting:	Product is not self-igniting.
Danger of explosion:	In use, may form flammable/explosive vapour-air mixture.
Lower Explosion Limit:	1.7 Vol %
Upper Explosion Limit:	16 Vol %
Vapor pressure:	Not determined.
Relative Density:	Between 0.77 and 0.85 (Water equals 1.00)
Vapor density	Not determined.
Evaporation rate	Not applicable.
Partition coefficient: n-octanol/water:	Not determined.
Solubility:	Not determined.
Viscosity:	Not determined.
Water:	0.0 %

10 Stability and reactivity

Reactivity:	Stable at normal temperatures.
Conditions to avoid:	Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures.

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Chemical stability: Not fully evaluated.
Possibility of hazardous reactions: No dangerous reactions known.
Incompatible materials: No further relevant information available.
Hazardous decomposition: No dangerous decomposition products known.

11 Toxicological information

LD/LC50 values that are relevant for classification:

79-20-9 methyl acetate

Oral	LD50	6,970 mg/kg (rat)
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110-19-0 Isobutyl Acetate

Oral	LD50	4,763 mg/kg (rbt)
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1330-20-7 xylene (mix)

Oral	LD50	8,700 mg/kg (rat)
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Dermal	LD50	2,000 mg/kg (rbt)
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Inhalative	LC50/4 h	6,350 mg/l (rat)
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64-17-5 ethyl alcohol

Oral	LD50	7,060 mg/kg (rat)
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Inhalative	LC50/4 h	20,000 mg/l (rat)
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67-56-1 methanol

Oral	LD50	5,628 mg/kg (rat)
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Dermal	LD50	15,800 mg/kg (rbt)
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Information on toxicological effects: No data available.**Skin effects:** No irritant effect.**Eye effects:** Irritating effect.**Sensitization:** No sensitizing effects known.

12 Ecological information

Aquatic toxicity: Hazardous for water, do not empty into drains.**Persistence and degradability:** The product is degradable after prolonged exposure to natural weathering processes.**Other information:** This product does not contain any chlorofluorocarbons (CFC's), hydrochlorofluorocarbons (HCFC's), perfluorocarbons (PFC's), heavy metals (chromium, lead, cadmium), or chlorinated solvents.**Bioaccumulative potential:** No further relevant information available.**Mobility in soil:** No further relevant information available.**Other adverse effects:** No further relevant information available.

13 Disposal considerations

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

UN-Number UN1950**DOT** UN1950**DOT** DOT

Aerosols, flammable

ADR 1950 Aerosols**Transport hazard class(es):****Class** 2.1 Gases**Marine pollutant:** Symbol (fish and tree)**Special precautions for user:** Warning: Gases**EMS Number:** F-D, S-U**Packaging Group:** --**UN "Model Regulation":** UN 1950 AEROSOLS, 2.1

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):

1330-20-7	xylene (mix)
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7779-90-0	zinc phosphate
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1314-13-2	zinc oxide
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Toxic Substances Control Act (TSCA):

All hazardous ingredients are found on the inventory list of substances.

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Canadian Domestic Substances List (DSL):

All ingredients are listed or exempted.

Consumer Product Safety**Commission (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
108-10-1	methyl isobutyl ketone

Prop 65 chemicals known to cause birth defects or reproductive harm:

67-56-1	methanol
108-10-1	methyl isobutyl ketone

EPA:

110-19-0	Isobutyl Acetate	D
1330-20-7	xylene (mix)	I
7779-90-0	zinc phosphate	D, I, II
67-64-1	Acetone	I
1314-13-2	zinc oxide	D, I, II

16 Other information**Contact:**

Regulatory Affairs