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1 Identification of the substance and manufacturer

Trade name: **GREEN ZINC PHOSPHATE PRIMER**

Other means of identification

80-1077 Product code:

Article category Recommended use:

Paint and coatings application.

Any that differs from the recommended use. Uses advised against:

Kimball Midwest Manufacturer/Supplier: 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

Aerosols 1 H222-H229 Extremely flammable aerosol. Pressurized container: may burst if heated.

Eye irritation 2A Causes serious eye irritation. H319

Reproductive toxicity 2 H361 Suspected of damaging fertility or the unborn child.

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**

Precautionary statements







GHS02 GHS07 GHS08

Signal word Danger

Hazard statements Extremely flammable aerosol. Pressurized container: may burst if heated.

Causes serious eye irritation.

Suspected of damaging fertility or the unborn child.

May cause drowsiness or dizziness

May cause damage to organs through prolonged or repeated exposure.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Do not spray on an open flame or other ignition source.

Do not pierce or burn, even after use.

Do not breathe dust/fume/gas/mist/vapors/spray.

Avoid breathing fume/mist/vapors/spray. Wash thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
Wear protective gloves/protective clothing/eye protection/face protection.

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.

IF exposed or concerned: Get medical advice/attention.
Call a poison center/doctor if you feel unwell.
Get medical advice/attention if you feel unwell. If eye irritation persists: Get medical advice/attention.

Store in a well ventilated place. Keep container tightly closed.

Store locked up.

Protect from sunlight. Do not expose to temperatures exceeding 122 °F (50 °C).

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

Onemical Description.		This product is a mixture of the substances listed below with normazardous additions.	
Dangerous	Dangerous components:		
67-64-1	Acetone		25-50%
74-98-6	propane		15-25%
106-97-8	n-butane		5-10%
	methyl acetate		≥5-<10%
	Isobutyl Acetate		5-10%
	diacetone alcohol		1-5%
1330-20-7	xylene (mix)		1-5%
	Wallastonite		1-5%
	VM&P Naphtha		1-5%
108-88-3	Toluene		1-5%
108-65-6	PM acetate		1-5%

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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.
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. After eye contact: After swallowing:

Rinse mouth with water. Do not induce vomiting.

Most important symptoms and

effects:

Indication of any immediate medical

attention needed:

Dizziness

No further relevant information available.

5 Fire-fighting measures

Extinguishing agents: Special hazards:

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

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:

Methods and material for containment and cleaning up: Use respiratory protective device against the effects of fumes/dust/aerosol.

Dispose contaminated material as waste according to section 13.

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 lockéd up.

9 Exposure controls/personal protection

8 Exposure controls/personal protection							
Components with limit values that require monitoring at the workplace:							
67-64-1 Acetone							
PEL (USA)	Long-term value: 2400 mg/m³, 1000 ppm						
REL (USA)	Long-term value: 590 mg/m³, 250 ppm						
TLV (USA)	Short-term value: 1187 mg/m³, 500 ppm						
, ,	Long-term value: 594 mg/m³, 250 ppm A4, BEI						
74-98-6 prop	pane						
PEL (USA) Long-term value: 1800 mg/m³, 1000 ppm							
REL (USA)	Long-term value: 1800 mg/m³, 1000 ppm						
TLV (USA)	see Appendix F Minimal oxygen content (D, EX)						
106-97-8 n-b							
REL (USA)	Long-term value: 1900 mg/m³, 800 ppm						
TLV (USA)	Short-term value: 2370 mg/m³, 1000 ppm						
	(EX)						
79-20-9 meth							
PEL (USA)	Long-term value: 610 mg/m³, 200 ppm						
REL (USA)	Short-term value: 760 mg/m³, 250 ppm Long-term value: 610 mg/m³, 200 ppm						
TLV//LICAV	Short-term value: 757 mg/m³, 250 ppm						
TLV (USA)	Long-term value: 606 mg/m³, 200 ppm						
110-19-0 Iso	butyl Acetate						
PEL (USA)	Long-term value: 700 mg/m³, 150 ppm						
REL (USA)	Long-term value: 700 mg/m³, 150 ppm						
TLV (USA)	Short-term value: 712 mg/m³, 150 ppm						
(,	Long-term value: 238 mg/m³, 50 ppm						
123-42-2 dia	cetone alcohol						
PEL (USA)	Long-term value: 240 mg/m³, 50 ppm						
REL (USA)	Long-term value: 240 mg/m³, 50 ppm						
TLV (USA)	Long-term value: 10 ppm						
	1330-20-7 xylene (mix)						
PEL (USA)	Long-term value: 435 mg/m³, 100 ppm						
REL (USA)	Short-term value: 655 mg/m³, 150 ppm						
	Long-term value: 435 mg/m³, 100 ppm						
TLV (USA)	Long-term value: 20 ppm BEI, A4						

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		(Contd. of page 2)		
	Wallastonite			
TLV (USA)	TLV (USA) Long-term value: 1 mg/m³ A4, inh. fraction, E			
	64742-89-8 VM&P Naphtha			
TLV (USA)	Long-term value: 100 pp Skin, A3	om .		
	3-88-3 Toluene			
PEL (USA)	Long-term value: 200 pp Ceiling limit value: 300; *10-min peak per 8-hr s	500* ppm		
REL (USA)	Short-term value: 560 m Long-term value: 375 m	g/m³, 150 ppm g/m³, 100 ppm		
TLV (USA)	Long-term value: 20 ppr BEI, OTO, A4	n		
108-65-6 PM				
WEEL (USA	Long-term value: 50 ppr	n		
Ingredients	with biological limit valu	ies:		
67-64-1 Ace				
T	/ledium: urine Time: end of shift			
	Parameter: Acetone (nons	pecific)		
1330-20-7 xy				
N T	.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric	acids		
108-88-3 To				
BEI (USA) 0 N T	BEI (USA) 0.02 mg/L Medium: blood Time: prior to last shift of workweek Parameter: Toluene			
N T	.03 mg/L ⁄ledium: urine Time: end of shift Parameter: Toluene			
N T	.3 mg/g creatinine /ledium: urine ime: end of shift Parameter: o-Cresol with h	ydrolysis (background)		
Hygienic pro	otection:	Immediately remove all soiled and contaminated clothing.		
Breathing equipment:		Wash hands after use. Store protective clothing separately. Avoid contact with the eyes and skin. Do not eat or drink while working. 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 NIOSH approved respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical		

worn. If hygiene.

Hand protection: Nitrile gloves.

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

Eye protection: Tightly sealed goggles

9 Physical and chemical properties

Physical state Aerosol Odor: Aromatic Odor:
Odor threshold:
Melting point/Melting range
Boiling point:
Flammability:
Lower Explosion Limit:
Upper Explosion Limit: Not determined. Undetermined. -44.5 °C (-48.1 °F) Extremely flammable.

1.7 Vol % 10.9 Vol % -19 °C (-2.2 °F) Extremely flammable. Flash point: Flammability (solid, gas):
Decomposition temperature: Not determined. pH-value: Viscosity: Not determined. Not determined. Solubility: Not determined. Vapor pressure: Not determined.

Relative Density: Between 0.77 and 0.85 (Water equals 1.00)

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Not determined. Vapor density **Particle characteristics** Not applicable.

Appearance: Aerosol.

Ignition temperature: Product is not self-igniting.

Danger of explosion: In use, may form flammable/explosive vapour-air mixture.

0.0 % Water:

Evaporation rate Not applicable. Partition coefficient: n-octonal/water: Not determined.

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. 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 m	79-20-9 methyl acetate						
Oral	LD50	6,970 mg/kg (rat)					
110-19-0 I	110-19-0 Isobutyl Acetate						
Oral	LD50	4,763 mg/kg (rabbit)					
123-42-2	123-42-2 diacetone alcohol						
Oral	LD50	4,000 mg/kg (rat)					
Dermal	LD50	13,630 mg/kg (rab)					
1330-20-7	1330-20-7 xylene (mix)						
Oral		8,700 mg/kg (rat)					
Dermal	LD50	2,000 mg/kg (rabbit)					
Inhalative	LC50/4 h	6,350 mg/l (rat)					
108-65-6 F	108-65-6 PM acetate						
Oral	LD50	8,500 mg/kg (rat)					
Inhalative	LC50/4 h	35.7 mg/l (rat)					

Information on toxicological effects: No data available. Skin effects: No irritant effect.

Eve 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), per and polyfluoroalkýl

substances (PFA's), or chlorinated solvents. No further relevant information available. Bioaccumulative potential: 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. Recommended cleansing agent: Water, if necessary with cleansing agents.

14 Transport information

UN-Number UN1950 DOT UN1950

DOT Aerosols, flammable

1950 AEROSOLS, ENVIRONMENTALLY HAZARDOUS **ADR**

Transport hazard class(es):

Class 2.1 Gases

Marine pollutant: Symbol (fish and tree)

Special marking (IATA):

Packaging Group:

Special precautions for user: Warning: Gases

EMS Number: F-D,S-U

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UN "Model Regulation": UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS

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1	5 Regulatory information				
	SARA Section 355 (extremely hazardous substances):				
	None of the ingredients in this product are listed.				
	SARA Section 313 (Specific toxic chemical listings):				
	7779-90-0 zinc phosphate				
	1330-20-7 xylene (mix)				
	1314-13-2 zinc oxide				
	108-88-3 Toluene				
	Toxic Substances Control Act (TSCA):	All ingredients are found on the inventory list of substances.			
	Canadian Domestic Substances List (DSL):	All ingredients are listed or exempted.			
	Consumer Product Safety Comission (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:			
L	100-41-4 ethyl benzene				
_	108-10-1 methyl isobutyl ketone				
Ļ	1333-86-4 Carbon black				
L	Prop 65 chemicals known to cause b	irth defects or reproductive harm:			
L	108-88-3 Toluene				
Ļ	108-10-1 methyl isobutyl ketone				
L	EPA:				
	67-64-1 Acetone		1		
_	110-19-0 Isobutyl Acetate		D		
L	7779-90-0 zinc phosphate		D, I, II		
F	1330-20-7 xylene (mix)				
	1314-13-2 zinc oxide		D, I, II		

16 Other information

Contact: Regulatory Affairs