

# Safety Data Sheet

acc. to OSHA HCS

Printing date 10/06/2014

Revised On 10/06/2014

## 1 Identification of the substance and manufacturer

**Trade name:** FARM & IMPLEMENT GREEN  
**Product code:** 80833  
**Product category:** PC9a Paints and coatings.  
**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

Flam. Aerosol 1 H222 Extremely flammable aerosol.  
 Press. Gas H280 Contains gas under pressure; may explode if heated.  
 Carc. 2 H351 Suspected of causing cancer.  
 Eye Irrit. 2A H319 Causes serious eye irritation.  
 STOT SE 3 H336 May cause drowsiness or dizziness.

### GHS Hazard pictograms



GHS02 GHS04 GHS07 GHS08

### Signal word

Danger

### Hazard statements

Extremely flammable aerosol.  
 Contains gas under pressure; may explode if heated.  
 Causes serious eye irritation.  
 Suspected of causing cancer.  
 May cause drowsiness or dizziness.

### 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.  
 Wash hands thoroughly after handling.  
 Use only outdoors or in a well-ventilated area.  
 Wear protective gloves/protective clothing/eye protection/face protection.  
 Do not handle until all safety precautions have been read and understood.  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 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.  
 If eye irritation persists: Get medical advice/attention.  
 Store locked up.  
 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
 Store in a well-ventilated place. Keep container tightly closed.  
 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:

67-64-1	Acetone	20.52%
74-98-6	propane	15.84%
106-97-8	n-butane	9.3%
7727-43-7	barium sulphate, natural	8.65%
108-10-1	methyl isobutyl ketone	5.64%
2807-30-9	Glycol Ether EP	5.54%
107-87-9	Methyl Propyl Ketone	2.88%
1330-20-7	xylene (mix)	2.52%
108-65-6	PM acetate	2.41%
110-19-0	isobutyl acetate	1.73%

## 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 out mouth and then drink plenty of water.  
 Rinse mouth with water. Do not induce vomiting.

### Most important symptoms and effects:

Dizziness

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**Indication of any immediate medical attention needed:** No further relevant information available.

## 5 Fire-fighting measures

**Extinguishing agents:** CO<sub>2</sub>, 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:**

### 67-64-1 Acetone

PEL (USA) Long-term value: 2400 mg/m<sup>3</sup>, 1000 ppm  
 REL (USA) Long-term value: 590 mg/m<sup>3</sup>, 250 ppm  
 TLV (USA) Short-term value: (1782) NIC-1187 mg/m<sup>3</sup>, (750) NIC-500 ppm  
 Long-term value: (1188) NIC-594 mg/m<sup>3</sup>, (500) NIC-250 ppm  
 BEI

### 74-98-6 propane

PEL (USA) Long-term value: 1800 mg/m<sup>3</sup>, 1000 ppm  
 REL (USA) Long-term value: 1800 mg/m<sup>3</sup>, 1000 ppm  
 TLV (USA) refer to Appendix F

### 106-97-8 n-butane

REL (USA) Long-term value: 1900 mg/m<sup>3</sup>, 800 ppm  
 TLV (USA) Short-term value: 2370 mg/m<sup>3</sup>, 1000 ppm

### 7727-43-7 barium sulphate, natural

PEL (USA) Long-term value: 15\* 5\*\* mg/m<sup>3</sup>  
 \*total dust \*\*respirable fraction  
 REL (USA) Long-term value: 10\* 5\*\* mg/m<sup>3</sup>  
 \*total dust \*\*respirable fraction  
 TLV (USA) Long-term value: 5\* mg/m<sup>3</sup>  
 \*inhalable fraction; E

### 108-10-1 methyl isobutyl ketone

PEL (USA) Long-term value: 410 mg/m<sup>3</sup>, 100 ppm  
 REL (USA) Short-term value: 300 mg/m<sup>3</sup>, 75 ppm  
 Long-term value: 205 mg/m<sup>3</sup>, 50 ppm  
 TLV (USA) Short-term value: 307 mg/m<sup>3</sup>, 75 ppm  
 Long-term value: 82 mg/m<sup>3</sup>, 20 ppm  
 BEI

### 107-87-9 Methyl Propyl Ketone

PEL (USA) Long-term value: 700 mg/m<sup>3</sup>, 200 ppm  
 REL (USA) Long-term value: 530 mg/m<sup>3</sup>, 150 ppm  
 TLV (USA) Short-term value: 529 mg/m<sup>3</sup>, 150 ppm

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

PEL (USA) Long-term value: 435 mg/m<sup>3</sup>, 100 ppm  
 REL (USA) Short-term value: 655 mg/m<sup>3</sup>, 150 ppm  
 Long-term value: 435 mg/m<sup>3</sup>, 100 ppm  
 TLV (USA) Short-term value: 651 mg/m<sup>3</sup>, 150 ppm  
 Long-term value: 434 mg/m<sup>3</sup>, 100 ppm  
 BEI

### 108-65-6 PM acetate

WEEL (USA) Long-term value: 50 ppm

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**110-19-0 isobutyl acetate**

PEL (USA)	Long-term value: 700 mg/m <sup>3</sup> , 150 ppm
REL (USA)	Long-term value: 700 mg/m <sup>3</sup> , 150 ppm
TLV (USA)	Long-term value: 713 mg/m <sup>3</sup> , 150 ppm

**Ingredients with biological limit values:****67-64-1 Acetone**

BEI (USA)	50 mg/L Medium: urine Time: end of shift Parameter: Acetone (nonspecific)
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**108-10-1 methyl isobutyl ketone**

BEI (USA)	1 mg/L Medium: urine Time: end of shift Parameter: MIBK
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**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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**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:** Protective gloves. The glove material must be impermeable and resistant to the substance.

**Eye protection:** Tightly sealed goggles

**9 Physical and chemical properties**

<b>Appearance:</b>	Aerosol.
<b>Odor:</b>	Aromatic
<b>Odor threshold:</b>	Not determined.
<b>pH-value:</b>	Not determined.
<b>Melting point/Melting range</b>	Undetermined.
<b>Boiling point:</b>	-44 °C (-47 °F)
<b>Flash point:</b>	-19 °C (-2 °F)
<b>Flammability (solid, gas):</b>	Extremely flammable.
<b>Decomposition temperature:</b>	Not determined.
<b>Auto igniting:</b>	Product is not self-igniting.
<b>Danger of explosion:</b>	In use, may form flammable/explosive vapour-air mixture.
<b>Lower Explosion Limit:</b>	1.7 Vol %
<b>Upper Explosion Limit:</b>	10.9 Vol %
<b>Vapor pressure:</b>	Not determined.
<b>Relative Density:</b>	Between 0.77 and 0.85 (Water equals 1.00)
<b>Vapour density</b>	Not determined.
<b>Evaporation rate</b>	Not applicable.
<b>Partition coefficient: n-octonal/water:</b>	Not determined.
<b>Solubility:</b>	Not determined.
<b>Viscosity:</b>	Not determined.
<b>VOC content:</b>	497.0 g/l / 4.15 lb/gl
<b>VOC content (less exempt solvents):</b>	46.9 %
<b>MIR Value:</b>	1.11
<b>Solids content:</b>	32.2 %

**10 Stability and reactivity**

<b>Reactivity:</b>	Stable at normal temperatures.
<b>Conditions to avoid:</b>	Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures.
<b>Chemical stability:</b>	Not fully evaluated.
<b>Possibility of hazardous reactions:</b>	No dangerous reactions known.
<b>Incompatible materials:</b>	No further relevant information available.
<b>Hazardous decomposition:</b>	No dangerous decomposition products known.

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## 11 Toxicological information

### LD/LC50 values that are relevant for classification:

#### 106-97-8 n-butane

Inhalative LC50/4 h 658 mg/l (rat)

#### 108-10-1 methyl isobutyl ketone

Oral LD50 2100 mg/kg (rat)

Dermal LD50 16000 mg/kg (rab)

Inhalative LC50/4 h 8.3-16.6 mg/l (rat)

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

Oral LD50 8700 mg/kg (rat)

Dermal LD50 2000 mg/kg (rbt)

Inhalative LC50/4 h 6350 mg/l (rat)

#### 108-65-6 PM acetate

Oral LD50 8500 mg/kg (rat)

Inhalative LC50/4 h 35.7 mg/l (rat)

#### 110-19-0 isobutyl acetate

Oral LD50 4763 mg/kg (rbt)

**Information on toxicological effects:** No data available.

**Sensitization:** No sensitizing effects known.

### Carcinogenic categories

#### IARC (International Agency for Research on Cancer)

108-10-1 methyl isobutyl ketone

2B

1330-20-7 xylene (mix)

3

#### NTP (National Toxicology Program)

None of the ingredients is listed.

#### OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

## 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.

### 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

Aerosols, flammable

ADR

1950 Aerosols

Transport hazard class(es):

Class

2.1

Marine pollutant:

No

Special precautions for user:

Warning: Gases

EMS Number:

F-D,S-U

Packaging Group:

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UN "Model Regulation":

UN1950, 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):

7727-43-7 barium sulphate, natural

108-10-1 methyl isobutyl ketone

1330-20-7 xylene (mix)

CPSC:

This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

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

108-10-1 methyl isobutyl ketone

13463-67-7 titanium dioxide

100-41-4 ethyl benzene

**EPA:**

67-64-1 Acetone

7727-43-7 barium sulphate, natural

108-10-1 methyl isobutyl ketone

1330-20-7 xylene (mix)

110-19-0 isobutyl acetate

I

D, CBD(inh), NL(oral)

I

I

D

**16 Other information**
**Contact:** Regulatory Affairs

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