

## Safety Data Sheet

Date of issue: 03/12/2025

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## 1 Identification of the substance and manufacturer

**Trade name:** Ultra Traffic Yellow Ultra-Formula Traffic Solvent-Based Marking Paint  
**Other means of identification**  
**Product code:** 80590  
**Article category**  
**Recommended use:** Paint and coatings application.  
**Uses advised against:** Any that differs from the recommended use. Kimball Midwest  
**Manufacturer/Supplier:** 4800 Roberts Road  
Columbus, OH 43228  
800-233-1294  
www.kimballmidwest.com  
ChemTrec: 800-424-9300  
**Emergency telephone number:**

## 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 H319 Causes serious eye irritation.  
Carcinogenicity 2 H351 Suspected of causing cancer. Route of exposure: Inhalation.  
Reproductive toxicity 2 H361 Suspected of damaging fertility or the unborn child.  
Specific target organ toxicity (single exposure) 3 H335-H336 May cause respiratory irritation. 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 GHS07 GHS08

## Signal word

## Hazard statements

**Danger**  
Extremely flammable aerosol. Pressurized container: may burst if heated.  
Causes serious eye irritation.  
Suspected of causing cancer. Route of exposure: Inhalation.  
Suspected of damaging fertility or the unborn child.  
May cause respiratory irritation. May cause drowsiness or dizziness.  
May cause damage to organs through prolonged or repeated exposure.  
**Precautionary statements**  
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.

## Additional information:

## HMIS-ratings (0 - 4):

Health= 1  
Fire= 4  
Physical Hazard= 3  
PPE----B

## 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:

1317-65-3	Calcium Carbonate	≥15-<20%
64742-89-8	VM&P Naphtha	15-25%
74-98-6	propane	10-15%
67-63-0	Isopropyl Alcohol	≥5-<10%
106-97-8	n-butane	5-10%
64742-47-8	Mineral Spirits	5-10%
67-64-1	Acetone	≥5-<10%

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7727-43-7	barium sulfate	1-5%
108-88-3	Toluene	1-5%
110-54-3	hexane	≥1-<5%

## 4 First-aid measures

<b>After inhalation:</b>	Supply fresh air; consult doctor in case of complaints.
<b>After skin contact:</b>	Remove contaminated clothing. Wash exposed area with soap and water.
<b>After eye contact:</b>	Rinse opened eye for several minutes under running water. Then consult a doctor.
<b>After swallowing:</b>	Rinse out mouth and then drink plenty of water. Rinse mouth with water. Do not induce vomiting.
<b>Most important symptoms and effects:</b>	Dizziness
<b>Indication of any immediate medical attention needed:</b>	No further relevant information available.

## 5 Fire-fighting measures

<b>Extinguishing agents:</b>	CO <sub>2</sub> , extinguishing powder or water spray. Fight larger fires with water spray.
<b>Special hazards:</b>	Can form explosive gas-air mixtures.
<b>Protective equipment for firefighters:</b>	A respiratory protective device may be necessary.

## 6 Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures:</b>	Use respiratory protective device against the effects of fumes/dust/aerosol.
<b>Methods and material for containment and cleaning up:</b>	Dispose contaminated material as waste according to section 13.

## 7 Handling and storage

<b>Precautions for safe handling</b>	Use only in well ventilated areas.
<b>Storage requirements:</b>	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:

## 64742-89-8 VM&amp;P Naphtha

TLV (USA)	Long-term value: 100 ppm Skin, A3
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## 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)	see Appendix F Minimal oxygen content ( D, EX)

## 67-63-0 Isopropyl Alcohol

PEL (USA)	Long-term value: 980 mg/m <sup>3</sup> , 400 ppm
REL (USA)	Short-term value: 1225 mg/m <sup>3</sup> , 500 ppm Long-term value: 980 mg/m <sup>3</sup> , 400 ppm
TLV (USA)	Short-term value: 984 mg/m <sup>3</sup> , 400 ppm Long-term value: 491 mg/m <sup>3</sup> , 200 ppm BEI, A4

## 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 (EX)

## 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: 1187 mg/m <sup>3</sup> , 500 ppm Long-term value: 594 mg/m <sup>3</sup> , 250 ppm A4, BEI

## 7727-43-7 barium sulfate

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

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TLV (USA) Long-term value: 5\* mg/m<sup>3</sup>  
\*inhalable fraction; E

**108-88-3 Toluene**

PEL (USA) Long-term value: 200 ppm  
Ceiling limit value: 300; 500\* ppm  
\*10-min peak per 8-hr shift

REL (USA) Short-term value: 560 mg/m<sup>3</sup>, 150 ppm  
Long-term value: 375 mg/m<sup>3</sup>, 100 ppm

TLV (USA) Long-term value: 20 ppm  
BEI, OTO, A4

**110-54-3 hexane**

PEL (USA) Long-term value: 1800 mg/m<sup>3</sup>, 500 ppm

REL (USA) Long-term value: 180 mg/m<sup>3</sup>, 50 ppm

TLV (USA) Long-term value: 176 mg/m<sup>3</sup>, 50 ppm  
Skin; BEI

**Ingredients with biological limit values:****67-63-0 Isopropyl Alcohol**

BEI (USA) 40 mg/L  
Medium: urine  
Time: end of shift at end of workweek  
Parameter: Acetone (background, nonspecific)

**67-64-1 Acetone**

BEI (USA) 25 mg/L  
Medium: urine  
Time: end of shift  
Parameter: Acetone (nonspecific)

**108-88-3 Toluene**

BEI (USA) 0.02 mg/L  
Medium: blood  
Time: prior to last shift of workweek  
Parameter: Toluene

0.03 mg/L  
Medium: urine  
Time: end of shift  
Parameter: Toluene

0.3 mg/g creatinine  
Medium: urine  
Time: end of shift  
Parameter: o-Cresol with hydrolysis (background)

**110-54-3 hexane**

BEI (USA) 0.5 mg/L  
Medium: urine  
Time: end of shift  
Parameter: 2,5-Hexanedione without hydrolysis

**Hygienic protection:**

Immediately remove all soiled and contaminated clothing.  
Wash hands after use.  
Store protective clothing separately.  
Avoid contact with the skin.  
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 NIOSH approved respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical 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 threshold:** Not determined.  
**Melting point/Melting range** Undetermined.  
**Boiling point:** -44 °C (-47.2 °F)  
**Flammability:** Extremely flammable.  
**Lower Explosion Limit:** 1.7 Vol %  
**Upper Explosion Limit:** 10.9 Vol %  
**Flash point:** -19 °C (-2.2 °F)  
**Flammability (solid, gas):** Extremely flammable.  
**Decomposition temperature:** Not determined.

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<b>pH-value:</b>	Not determined.
<b>Viscosity:</b>	Not determined.
<b>Solubility:</b>	Not determined.
<b>Vapor pressure:</b>	Not determined.
<b>Relative Density:</b>	Between 0.77 and 0.85 (Water equals 1.00)
<b>Vapor density</b>	Not determined.
<b>Particle characteristics</b>	Not applicable.
<b>Appearance:</b>	Aerosol.
<b>Ignition temperature:</b>	Product is not self-igniting.
<b>Danger of explosion:</b>	In use, may form flammable/explosive vapour-air mixture.
<b>Water:</b>	0.0 %
<b>Evaporation rate</b>	Not applicable.
<b>Partition coefficient: n-octonal/water:</b>	Not determined.

**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.

**11 Toxicological information****LD/LC50 values that are relevant for classification:****67-63-0 Isopropyl Alcohol**

Oral	LD50	4,570 mg/kg (rat)
Dermal	LD50	13,400 mg/kg (rab)
Inhalative	LC50/4 h	30 mg/l (rat)

<b>Information on toxicological effects:</b>	No data available.
<b>Skin effects:</b>	Irritant to skin and mucous membranes.
<b>Eye effects:</b>	No irritating effect.
<b>Sensitization:</b>	No sensitizing effects known.

**12 Ecological information**

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

**13 Disposal considerations**

<b>Disposal:</b>	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.
<b>Recommendation:</b>	Completely empty cans should be recycled.
<b>Recommended cleansing agent:</b>	Water, if necessary with cleansing agents.

**14 Transport information**

<b>UN-Number</b>	UN1950
<b>DOT</b>	UN1950
<b>DOT</b>	DOT
<b>ADR</b>	Aerosols, flammable
<b>Transport hazard class(es):</b>	1950 Aerosols
<b>Class</b>	2.1 Gases
<b>Marine pollutant:</b>	No
<b>Special marking (IATA):</b>	--
<b>Packaging Group:</b>	--
<b>Special precautions for user:</b>	Warning: Gases
<b>EMS Number:</b>	F-D,S-U
<b>UN "Model Regulation":</b>	UN1950, Aerosols, 2.1

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## 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):

67-63-0	Isopropyl Alcohol
7727-43-7	barium sulfate
108-88-3	Toluene
110-54-3	hexane

### 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

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:

13463-67-7	titanium dioxide
100-41-4	ethyl benzene

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

108-88-3	Toluene
110-54-3	hexane

### EPA:

67-64-1	Acetone	I
7727-43-7	barium sulfate	D, CBD(inh), NL(oral)
110-54-3	hexane	II

## 16 Other information

Contact:

Regulatory Affairs

The data in this Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material in any process. The information set forth herein is furnished free of charge and is based on technical data that the supplier believes to be reliable. It is intended for use by persons having technical skill and at their own discretion and risk. Since conditions of use are outside of the supplier's control, the supplier makes no warranties, expressed or implied, and assumes no liability in connection with any use of this information. Nothing herein is to be taken as a license to operate under, or a recommendation to infringe upon, any patents.