

Safety Data Sheet

Date of issue: 03/13/2025

Revised On 03/13/2025

1 Identification of the substance and manufacturer

Trade name: Blue Layout Fluid Remover
 Other means of identification
 Product code: 80512
 Article category
 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
 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.
 Skin irritation 2 H315 Causes skin irritation.
 Eye irritation 2A H319 Causes serious eye irritation.
 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



GHS02 GHS07 GHS08

Signal word

Hazard statements

Danger
 Extremely flammable aerosol. Pressurized container: may burst if heated.
 Causes skin irritation.
 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.
 If on skin: Wash with plenty of water.
 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 skin irritation occurs: Get medical advice/attention.
 If eye irritation persists: Get medical advice/attention.
 Take off contaminated clothing.
 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.

Precautionary statements

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	50-100%
108-88-3	Toluene	≥20-≤25%
1330-20-7	xylene (mix)	≥5-≤10%
74-98-6	propane	5-10%
2807-30-9	Glycol Ether EP	1-5%
106-97-8	n-butane	1-5%
100-41-4	ethyl benzene	1-5%

4 First-aid measures

General information:

Symptoms of poisoning may occur even after several hours. Medical observation for at least 48 hours after the accident is recommended.

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After inhalation:	Supply fresh air. If necessary, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.	(Contd. of page 1)
After skin contact:	Supply fresh air; consult doctor in case of complaints.	
After eye contact:	Remove contaminated clothing. Wash exposed area with soap and water.	
After swallowing:	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.	
Most important symptoms and effects:	Rinse mouth with water. Do not induce vomiting.	
Indication of any immediate medical attention needed:	Dizziness	
	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:	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 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 ³ , 1000 ppm
REL (USA)	Long-term value: 590 mg/m ³ , 250 ppm
TLV (USA)	Short-term value: 1187 mg/m ³ , 500 ppm
	Long-term value: 594 mg/m ³ , 250 ppm
	A4, BEI

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 ³ , 150 ppm
	Long-term value: 375 mg/m ³ , 100 ppm
TLV (USA)	Long-term value: 20 ppm
	BEI, OTO, A4

1330-20-7 xylene (mix)

PEL (USA)	Long-term value: 435 mg/m ³ , 100 ppm
REL (USA)	Short-term value: 655 mg/m ³ , 150 ppm
	Long-term value: 435 mg/m ³ , 100 ppm
TLV (USA)	Long-term value: 20 ppm
	BEI, A4

74-98-6 propane

PEL (USA)	Long-term value: 1800 mg/m ³ , 1000 ppm
REL (USA)	Long-term value: 1800 mg/m ³ , 1000 ppm
TLV (USA)	see Appendix F Minimal oxygen content (D, EX)

106-97-8 n-butane

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

100-41-4 ethyl benzene

EL (USA)	Long-term value: 20 ppm
	IARC 2B
PEL (USA)	Long-term value: 435 mg/m ³ , 100 ppm
REL (USA)	Short-term value: 545 mg/m ³ , 125 ppm
	Long-term value: 435 mg/m ³ , 100 ppm

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TLV (USA) Long-term value: 20 ppm
OTO, BEI, A3

Ingredients with biological limit values:**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)

1330-20-7 xylene (mix)

BEI (USA) 1.5 g/g creatinine
Medium: urine
Time: end of shift
Parameter: Methylhippuric acids

100-41-4 ethyl benzene

BEI (USA) 0.15 g/g creatinine
Medium: urine
Time: end of shift at end of workweek
Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific)

Hygienic protection:

Immediately remove all soiled and contaminated clothing.
Wash hands after use.
Store protective clothing separately.
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.

Eye protection:

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

9 Physical and chemical properties

Physical state Aerosol
Odor: Aromatic
Odor threshold: Not determined.
Melting point/Melting range Undetermined.
Boiling point: -44.5 °C (-48.1 °F)
Flammability: Extremely flammable.
Lower Explosion Limit: Not determined.
Upper Explosion Limit: Not determined.
Flash point: -19 °C (-2.2 °F)
Flammability (solid, gas): Extremely flammable.
Decomposition temperature: Not determined.
pH-value: Not determined.
Viscosity: Not determined.
Solubility: Not determined.
Vapor pressure at 20 °C (68 °F): 233 hPa (174.8 mm Hg)
Relative Density: Between 0.77 and 0.85 (Water equals 1.00)
Vapor density Not determined.
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.
Evaporation rate Not applicable.
Partition coefficient: n-octanol/water: Not determined.

10 Stability and reactivity

Reactivity: Stable at normal temperatures.

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Conditions to avoid:	Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures.	(Contd. of page 3)
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:

1330-20-7 xylene (mix)

Oral	LD50	8,700 mg/kg (rat)
Dermal	LD50	2,000 mg/kg (rbt)
Inhalative	LC50/4 h	6,350 mg/l (rat)

100-41-4 ethyl benzene

Oral	LD50	3,500 mg/kg (rat)
Dermal	LD50	17,800 mg/kg (rbt)

Information on toxicological effects:	No data available.
Skin effects:	Irritant to skin and mucous membranes.
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), per and polyfluoroalkyl substances (PFA's), 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

Disposal:	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
ADR	1950 AEROSOLS
Transport hazard class(es):	
Class	2.1 Gases
Special marking (IATA):	
Packaging Group:	--
Special precautions for user:	Warning: Gases
EMS Number:	F-D,S-U
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):

108-88-3	Toluene
1330-20-7	xylene (mix)
100-41-4	ethyl benzene

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:

100-41-4	ethyl benzene
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Prop 65 chemicals known to cause birth defects or reproductive harm:

108-88-3 Toluene

EPA:

67-64-1 Acetone

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1330-20-7 xylene (mix)

I

100-41-4 ethyl benzene

D

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.