



## SAFETY DATA SHEET ASPHALT REMOVER

### SECTION 1: IDENTIFICATION

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Product Name:	Asphalt Remover
Product Code:	K20
Product Use:	Solvent-based Cleaner
Manufacturer's Name:	E-ZOIL Products, Inc.
Address:	234 Fillmore Avenue
Address:	Tonawanda, NY 14150 USA
Business Phone:	855-693-9645
Emergency Phone:	800-633-8253 PERS
Date of Preparation:	February 3, 2020
Date of Last Revision:	February 3, 2020
Regulatory Standard:	CFR29 1910.1200 HazCom 2012

### SECTION 2: HAZARDS IDENTIFICATION

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GHS-US Classification  
Acute Toxicity – Dermal 4  
Acute Toxicity – Inhalation (Dusts/Mists) 4  
Specific Target Organ Toxicity – Single exposure 3  
Flammable Liquid 3  
Skin Corrosion/Irritation 2  
Serious Eye Damage/Irritation 2  
Germ Cell Mutagenicity 1B  
Carcinogenicity 1B  
Aspiration Toxicity 1

Hazard pictograms (GHS-US):



Signal word (GHS-US): Danger

Hazard statements (GHS-US): Harmful in contact with skin. Harmful if inhaled. May cause genetic defects. May cause cancer. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. May be fatal if swallowed and enters airways. Flammable liquid and vapor.

Precautionary statements (GHS-US): Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Ground/Bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/eye protection/face protection. Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapors/spray. If on skin (or hair): Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If inhaled: Remove victim to fresh air and keep at a rest position comfortable for breathing. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container in

accordance with local, regional, national and international regulations. In case of fire: Use CO2, dry chemical, or foam for extinction. Acute toxicity classifications/calculations are approximate.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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Chemical Name	CAS Number	%
Proprietary distillates	Proprietary	Proprietary
Proprietary hydrocarbon	Proprietary	Proprietary
Proprietary hydrocarbon	Proprietary	Proprietary
Proprietary glycol	Proprietary	Proprietary
Proprietary hydrocarbon	Proprietary	Proprietary
Proprietary hydrocarbon	Proprietary	Proprietary

The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

### SECTION 4: FIRST AID MEASURES

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- First-aid measures after inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical advice/attention.
- First-aid measures after skin contact: In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.
- First-aid measures after eye contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. If irritation persists, get medical attention.
- First-aid measures after ingestion: If swallowed, do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician. Never give anything by mouth to an unconscious person.

#### Most important symptoms and effects, both acute and delayed:

- Symptoms/injuries after inhalation: May cause respiratory irritation. Harmful if inhaled. Aspiration hazard: if swallowed can enter lungs and cause damage.
- Symptoms/injuries after skin contact: Causes skin irritation. Harmful in contact with skin.
- Symptoms/injuries after eye contact: Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns.
- Symptoms/injuries after ingestion: May be harmful or fatal if swallowed and enters airways. This product may be aspirated into the lungs and cause chemical pneumonitis. May cause stomach distress, nausea or vomiting.

**Indication of any immediate medical attention and special treatment needed:**

Aspiration into the lungs may occur during ingestion or vomiting, causing lung damage or even death due to chemical pneumonia. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

**SECTION 5: FIRE FIGHTING MEASURES**

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Suitable extinguishing media:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Alcohol-resistant foam.
Unsuitable extinguishing media:	Water with a full water jet.
Fire hazard:	Flammable liquid and vapor. Products of combustion may include and are not limited to carbon oxides.
Explosion hazard:	Sensitivity to Static Discharge. Take precautionary measures against static discharge.
Protection during firefighting:	Keep upwind of fire. Wear full firefighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). Vapors may be heavier than air and may travel along the ground to a distant ignition source and flash back. Use water spray to keep fire-exposed containers cool.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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General measures:	Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition.
For containment:	Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE). Use explosion proof equipment.
Methods for cleaning up:	Scoop up material and place in a disposal container. Provide ventilation.

See section 8 for further information on protective clothing and equipment and section 13 for advice on waste disposal.

**SECTION 7: HANDLING AND STORAGE**

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Additional hazards when processed:	Handle empty containers with care because residual vapors are flammable.
Precautions for safe handling:	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection equipment. Use only in well-ventilated areas. Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing vapors or mists. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Use non-sparking hand tools and explosion-proof electrical equipment. All equipment used when handling the product must be grounded. Take precautionary measures against static discharges.

Hygiene measures: Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

Technical measures: Proper grounding procedures to avoid static electricity should be followed.

Storage conditions: Keep out of the reach of children. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area. Keep container tightly closed when not in use.

Storage temperature: 39 – 120°F

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Proprietary hydrocarbon	---	---	TWA: 25 ppm TWA: 125 mg/m <sup>3</sup>
Proprietary hydrocarbon	---	---	TWA: 25 ppm TWA: 125 mg/m <sup>3</sup>
Proprietary glycol	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m <sup>3</sup> (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m <sup>3</sup> (vacated) S* S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m <sup>3</sup>
Proprietary hydrocarbon	---	---	TWA: 25 ppm TWA: 125 mg/m <sup>3</sup>
Proprietary hydrocarbon	TWA: 50 ppm	TWA: 50 ppm TWA: 245 mg/m <sup>3</sup> (vacated) TWA: 50 ppm (vacated) TWA: 245 mg/m <sup>3</sup> (vacated) S* S*	IDLH: 900 ppm TWA: 50 ppm TWA: 245 mg/m <sup>3</sup>
Proprietary glycol	STEL: 50 ppm vapor fraction STEL: 10 mg/m <sup>3</sup> inhalable particulate matter, aerosol only TWA: 25 ppm vapor fraction	(vacated) Ceiling: 50 ppm (vacated) Ceiling: 125 mg/m <sup>3</sup>	---

Appropriate engineering controls: Apply technical measures to comply with the occupational exposure limits. Maintain eye wash fountain and quick-drench facilities in work area.

Hand protection: Wear chemically resistant protective gloves.

Eye protection: Wear approved eye (properly fitted dust- or splash-proof chemical safety goggles) / face (face shield) protection.

Skin and body protection: Wear suitable protective clothing.

Respiratory protection: A NIOSH/MSHA approved respirator as necessary.

Environmental exposure controls: Maintain levels below community environmental protection thresholds.

Other information: Avoid contact with skin, eyes and clothing. Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or

smoking. Handle according to established industrial hygiene and safety practices.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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Physical state:	Liquid
Appearance:	No data available
Color:	No data available
Odor:	No data available
Odor threshold:	No data available
pH:	No data available
Melting point:	No data available
Freezing point:	No data available
Boiling point:	No data available
Flash point:	109.4°F (43°C)
Relative evaporation rate:	No data available
Flammability (solid, gas):	N/A
Explosive limits:	No data available
Explosive properties:	No data available
Oxidizing properties:	No data available
Vapor pressure:	No data available
Relative density:	No data available
Relative vapor density at 20 °C:	No data available
Solubility:	Insoluble in water
Partition coefficient: n-octanol/water:	No data available
Log Kow:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available
Viscosity, kinematic:	No data available
Viscosity, dynamic:	No data available

## **SECTION 10: STABILITY AND REACTIVITY**

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Reactivity: No dangerous reaction known under conditions of normal use.

Chemical stability: Stable under normal storage conditions.

Possibility of hazardous reactions: No dangerous reaction known under conditions of normal use.

Conditions to avoid: Heat. Incompatible materials. Sources of ignition.

Incompatible materials: Oxidizers.

Hazardous decomposition products: May include and are not limited to oxides of carbon.

## SECTION 11: TOXICOLOGICAL INFORMATION

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Proprietary distillates	Rat = 8400 mg/kg	Rabbit > 2000 mg/kg	Rat 4h = 3400 ppm
Proprietary hydrocarbon	Rat = 3280 mg/kg	Rabbit > 3160 mg/kg	Rat 4h = 18 g/m <sup>3</sup>
Proprietary hydrocarbon	Rat = 5000 mg/kg	---	Rat 4h = 24 g/m <sup>3</sup>
Proprietary glycol	Rat = 470 mg/kg	Rabbit > 99 mg/kg	Rat 4h = 486 ppm Rat 4h = 450 ppm
Proprietary hydrocarbon	Rat = 1400 mg/kg	Rabbit = 12300 µL/kg	Rat 4h = 39000 mg/m <sup>3</sup> > Rat 6h = 3577 ppm
Proprietary glycol	Rat = 4700 mg/kg	Rat = 10600 mg/kg Rabbit = 9530 µL/kg	---

Skin corrosion/irritation: Causes skin irritation. Harmful in contact with skin.

Serious eye damage/irritation: Causes serious eye damage.

Respiratory or skin sensitization: Harmful if inhaled.

Ingestion: May be harmful if swallowed. May be fatal if swallowed and enters airways.

Germ cell mutagenicity: May cause genetic defects

Carcinogenicity: May cause cancer.

Chemical Name	ACGIH	IARC	NTP	OSHA
Proprietary glycol	A3	Group 3	---	---
Proprietary hydrocarbon	---	Group 2B	Reasonably anticipated	X

Reproductive toxicity: Based on available data, the classification criteria are not met.

Specific target organ toxicity (single exposure): Based on available data, the classification criteria are not met.

Specific target organ toxicity (repeated exposure): Based on available data, the classification criteria are not met.

Aspiration hazard: May be fatal if swallowed and enters airways.

Symptoms/injuries after inhalation: May cause respiratory tract irritation.

Symptoms/injuries after skin contact: Causes skin irritation. Harmful in contact with skin.

Symptoms/injuries after eye contact: Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns.

Symptoms/injuries after ingestion: May be fatal if swallowed and enters airways. This product may be aspirated into the lungs and cause chemical pneumonitis. May cause stomach distress, nausea or vomiting.

## SECTION 12: ECOLOGICAL INFORMATION

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Ecology - general: An environmental hazard cannot be excluded in the event of unprofessional handling/disposal.

**Persistence and Degradability** Not established

**Bioaccumulative Potential** Not established

### Mobility in Soil

**Chemical Name** **Partition Coefficient**

Proprietary hydrocarbon 3.63

Proprietary glycol 0.81

Proprietary hydrocarbon 3.7

Proprietary glycol -1.93

Other adverse effects: Effect on the global warming – No known ecological damage caused by this product.

## SECTION 13: DISPOSAL CONSIDERATIONS

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Waste disposal recommendations: This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.

Additional information: Handle empty containers with care because residual vapors are flammable.

## SECTION 14: TRANSPORT INFORMATION

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UN number: UN1993

Proper shipping name: Flammable liquid, n.o.s. (Petroleum distillates, Ethylene glycol monobutyl ether)

Transport hazard class(es): Flammable liquid

Packing group: III

Not regulated in non-bulk packages, this product is not regulated for ground transportation in accordance with 49 CFR Section 173.150 (f).

## SECTION 15: REGULATORY INFORMATION

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All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

### Federal Regulations

#### CERCLA

This material as supplied contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (**CERCLA**) (40 CFR 302)

Chemical Name	Hazardous Substances RQ	CERCLA/SARA RQ	Reportable Quantity (RQ)
Proprietary hydrocarbon	5000 lbs.	---	RQ 5000 lbs. final RQ RQ 2270 kg final RQ
Proprietary glycol	5000 lbs.	---	RQ 5000 lbs. final RQ RQ 2270 kg final RQ

## Federal Regulations

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### SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	Yes
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Cod of Federal Regulations, Part 372.

Chemical Name	CAS Number	Weight - %	SARA 313 Threshold Values %
Proprietary hydrocarbon	---	Proprietary	1.0
Proprietary glycol	---	Proprietary	1.0
Proprietary hydrocarbon	---	Proprietary	1.0
Proprietary glycol	---	Proprietary	1.0

### CLEAN WATER ACT (CWA)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

## United States State Regulations

### California Proposition 65

This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65
Proprietary hydrocarbon	Carcinogen
Proprietary glycol	Developmental

### United States Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania
Proprietary hydrocarbon	X	X	X
Proprietary hydrocarbon	X		
Proprietary glycol	X	X	X
Proprietary hydrocarbon	X	X	X
Proprietary glycol	X	X	X



## **SECTION 16: OTHER INFORMATION**

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Other information: None.

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