

Material Safety Data Sheet

B790 Skid™ Penetrating Lubricant

Stoner

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Stoner Incorporated 1070 Robert Fulton Hwy. Quarryville, PA 17566 1-800-227-5538	Product Name: Skid™ Penetrating Lubricant Product Code: B790 Version Date: 11/22/11 24-hour emergency phone: 1-800-424-9300 [CHEMTREC]
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2. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
Aliphatic hydrocarbon	8052-41-3	100 ppm	500 ppm	Not established
Petroleum hydrocarbon	1330-20-7	100 ppm	100 ppm	Not established
NJ Trade Secret Registry	# 80100382-5110P	Not established	Not established	Not established
Petroleum hydrocarbon	64741-89-5	5 mg/m3 (oil mist)	Not established	Not established
NJ Trade Secret Registry	#80100382-5139P	Not established	Not established	Not established

3. HAZARDS IDENTIFICATION

POTENTIAL ACUTE [single or short term] HEALTH EFFECTS OF OVEREXPOSURE

Eye :	Can cause severe eye irritation.
Skin :	Skin contact may cause irritation. Prolonged or repeated exposure may dry the skin. Symptoms may include redness, discomfort, drying and cracking, or rash. Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use. Can cause severe irritation.
Ingestion :	This product may be harmful or fatal if swallowed.
Inhalation :	Breathing small amounts during handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms are more typically seen at air concentrations exceeding the recommended exposure limits. Symptoms of exposure may include: initial Central Nervous System excitation (euphoria, exhilaration, light-headedness) followed by CNS depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness) and other CNS effects, such as confusion, impaired coordination, coma, and death. Short-term harmful health effects are not expected from vapor generated at ambient temperature.

POTENTIAL CHRONIC [long term] HEALTH EFFECTS OF OVEREXPOSURE:

General Effects: This material (or a component) has been shown to lower activity of certain immune system cells in experimental animals. This material (or a component) has been shown to cause harm to the fetus in laboratory animal studies. The relevance of these findings to humans is uncertain. Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals: mild, reversible liver effects. testis damage. kidney damage. liver damage. effects on hearing. Overexposure to this material (or its components) has been suggested as a cause of the following effects in humans: central nervous system effects. mild, reversible kidney effects. nervous system effects. liver abnormalities. respiratory tract damage (nose, throat, and airways).

Cancer Information: Based on available information, this material cannot be classified with regard to carcinogenicity. A component in this material has been shown to cause cancer in laboratory animals. The relevance of this finding to humans is uncertain.

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

No data found. No medical conditions affected by exposure.

HMIS® III* HAZARDOUS WARNINGS:

Health: 2 Flammability: 3 Physical: 1 Personal Protective Equipment: See Section 8

* See www.paint.org/hmis or call the NPCA at 1 (202) 462-6272 for more information on this current rating system.

4. FIRST AID MEASURES

Eyes:	Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.
Skin Contact:	In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Seek medical attention if symptoms persist. Seek medical attention if symptoms persist. Wash clothing before reuse.
Ingestion:	Do not induce vomiting. Aspiration into the lungs can cause serious damage. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Contact a physician, medical facility, or poison control center immediately. Have victim drink 8 to 10 ounces of water to dilute the material in the stomach.
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek immediate medical attention. Keep the victim warm and quiet.

NOTES TO PHYSICIAN:

This material is an aspiration hazard. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin; lung (for example, asthma-like conditions); liver; kidney; central nervous system; male reproductive system; auditory system; arrhythmias (irregular heartbeats); immune system;

5. FIRE FIGHTING MEASURES

Fire and/or Explosion Hazards:	This product contains a component(s) that is considered a flammable liquid, which has vapors that are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, or other flames and ignition sources at locations distant from the material's handling point. In extreme fire conditions this material may present a floating fire hazard.
Fire Fighting Instructions:	Use CO2, foam or dry chemical. Water is generally not effective and may spread fire; however, water spray may be used from a safe distance to cool closed containers and protect surrounding area. Do not direct a solid stream of water or foam into hot burning pools, this may cause frothing and increase fire intensity.
Flash Point:	91.4°F PMCC 33°C PMCC

Lower Flammability Limit: 1 %
Upper Flammability Limit: 6.6 %
Autoignition Temperature: 535 DEG F

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Ventilate contaminated area. Remove all sources of ignition. Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Avoid run-off into storm sewers and ditches which may lead to natural waterways. If runoff occurs, notify authorities as required. Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly.

7. HANDLING AND STORAGE

Handling: Do not use near ignition sources. Use with adequate ventilation. Avoid prolonged or repeated contact with skin. Wash hands thoroughly after handling. Normal precautions common to safe manufacturing practice should be followed in handling and storage. Use bonding and grounding when transferring quantities of material. Avoid prolonged or repeated breathing of vapor.

Storage: Keep container tightly closed when not in use. Store in a cool, dry, well ventilated area away from all sources of ignition. Empty container may contain residues which are hazardous. Keep away from heat, sparks and flame.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this MSDS (from known, suspected or apparent adverse effects). No exposure limits exist for the constituents of this product. Local exhaust should be used in areas where exposure limits may be exceeded.

Eye Protection: Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid or airborne material. Do not wear contact lenses. Have an eye wash station available.

Skin Protection: The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.

Respiratory Protection: Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Bulk liquid	Vapor Density:	[air = 1] 4.23
Appearance:	Light amber	Evaporation Rate:	0.02-0.1 (n-Butyl acetate = 1)
Odor:	Aromatic	Solubility in Water:	Negligible; 0-1%
Specific Gravity:	0.83 (H ₂ O=1)	Boiling Point:	279°F
Vapor Pressure:	0.17 PSIG @ 70°F	pH:	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability: Stable.

Conditions to Avoid: Avoid contact with: Strong oxidizing agents. Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Strong acids. Strong bases. Open flames and high temperatures.

Decomposition Products: Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Various hydrocarbons. Alcohols. Ethers. Ketones. Polymer fragments. Carbon Monoxide.

11. DISPOSAL CONSIDERATIONS

Disposal : Dispose according to Federal, State and local regulations.

12. TRANSPORTATION INFORMATION

Agency	Proper Shipping name	UN Number	Hazard Class	Packing Group
DOT	Petroleum Distillates,N.O.S.	UN1268	3	III
IATA	Petroleum Distillates,N.O.S.	UN1268	3	III

13. REGULATORY INFORMATION

Warning: This product contains the following chemicals that are subject to reporting requirements for the following regulatory bodies listed below:

COMPONENT	CAS #	% BY WEIGHT	Regulatory Body
Xylene	1330-20-7	20 - 30	SARA Section 313
Ethyl benzene	100-41-4	1 - 10	SARA Section 313

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

Ethyl benzene	100-41-4	1 - 10	Prop65 Cancer
Benzene	71-43-2	0.0001 - 0.001	Prop65 Cancer
Propylene oxide	75-56-9	0.00001 - 0.0001	Prop65 Cancer

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

Toluene	108-88-3	0.1 - 0.99	Prop65 Birth Defects
Benzene	71-43-2	0.0001 - 0.001	Prop65 Birth Defects

All components of this product are listed on the TSCA inventory.

This information contained in this MSDS is believed to be accurate as of the version date, but is not warranted to be. Since the use of this information and the conditions of use of this product are not within the control of Stoner Inc, it is the user's obligation to determine the conditions of safe use.