Safety Data Sheet
B790 Skid™ Penetrating Lubricant

1. IDENTIFICATION

Stoner Incorporated
1070 Robert Fulton Hwy.
Quarryville, PA 17566

1-800-227-5538

Product Name: Skid™ Penetrating Lubricant
Product Code: B790
Product Use: Penetrant
Lubricant
24-hour emergency phone: 1-800-424-9300 [CHEMTREC]

2. HAZARD IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

GHS Hazard Symbols

GHS Classification

Germ Cell Mutagenicity Category 1B
Carcinogenicity Category 1A
Aspiration Hazard Category 1
Skin Corrosion/Irritation Category 2
Serious Eye Damage/Eye Irritation Category 2A
Reproductive Toxicity Category 2
Specific Target Organ Systemic Toxicity (STOT) - Repeated Exposure Category 2
Flammable Liquid Category 3
Hazardous to the aquatic environment - Acute Category 3
Hazardous to the aquatic environment - Chronic Category 3

Signal Word

Danger

Hazard Statements

Flammable liquid and vapour.
May be fatal if swallowed and enters airways.
Causes skin irritation.
Causes serious eye irritation.
May cause genetic defects..
May cause cancer.
Suspected of damaging fertility or the unborn child.
May cause damage to organs through prolonged or repeated exposure.
Harmful to aquatic life.
Harmful to aquatic life with long lasting effects.

Precautionary Statements

Prevention

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
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.
Do not breathe dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection.
Use personal protective equipment as required.

Response

IF SWALLOWED: Immediately call a POISON CENTER/doctor/....
IF ON SKIN: Wash with plenty of soap and water.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
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.
Get medical advice/attention if you feel unwell.
Specific treatment (see … on this label).

Do NOT induce vomiting.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.
In case of fire: Use … to extinguish.

Storage

Keep container tightly closed.
Store in a well-ventilated place. Keep cool.
Store locked up.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS #	Percent
Xylene	1330-20-7	20 - 40
Solvent naphtha (petroleum), heavy aliph.	64742-96-7	1-20
Distillates (petroleum), hydrotreated light	64742-47-8	1-20
Stoddard solvent	Mixture	1-20
Ethyl benzene	100-41-4	1-20
Petroleum hydrocarbon	64742-47-8	1-20
Organic oil	8002-09-3	1-20
Trimethylbenzene 1,2,4-	95-63-6	1-20
Naphthalene	91-20-3	1-20
Trimethybenzene	25551-13-7	1-20
Benzene	71-43-2	0.1- 0.99
Cumene	98-82-8	0.1- 0.99

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. Wash clothing before reuse.
Ingestion:	If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Do not induce vomiting. Have victim drink 8 to 10 ounces of water to dilute the material in the stomach. Contact a physician, medical facility, or poison control center immediately. Aspiration into the lungs can cause serious damage.
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep the victim warm and quiet. Seek immediate medical attention.

NOTES TO PHYSICIAN:
Inhalation of high concentrations of the material, or one of it's components, as could occur in enclosed spaces or during deliberate abuse, may be associated with cardiac arrhythmias. Sympathomimetic drugs may initiate cardiac arrhythmias in persons exposed to this material. This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. This material is an aspiration hazard. This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: Treatment is symptomatic and supportive. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin; lung (for example, asthma-like conditions); kidney; auditory system; arrhythmias (irregular heartbeats); liver; blood forming system; respiratory tract

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. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus. 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.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
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. Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly. Remove all sources of ignition. Ventilate contaminated area. If runoff occurs, notify authorities as required. Wear appropriate clothing.

7. HANDLING AND STORAGE

Handling: Do not use near ignition sources. Avoid prolonged or repeated breathing of vapor. Avoid prolonged or repeated contact with skin. Use with adequate ventilation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death. Avoid contact with eyes. 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. Wear proper protective equipment. This material, being heavier than air, tends to accumulate near the floor of an enclosed space displacing the air upward and creates and oxygen-deficient atmosphere.

Storage: Keep container tightly closed when not in use. Store in a cool, dry, well ventilated area away from all sources of ignition. Keep away from heat, sparks and flame. Empty container may contain residues which are hazardous. Store away from incompatible materials such as materials that support combustion (oxidizing materials) and corrosive materials (strong acids or bases).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Ventilation should be adequate to prevent exposures above the limits indicated below in this section of the 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: If respiratory irritation develops below the recommended exposure limits, use an NIOSH approved nuisance dust/mist/organic vapor respirator. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol. Where concentrations are above recommended limits as determined by air sampling or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations and use NIOSH/MSHA approved respirators.

COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
Xylene	1330-20-7	Not established	Not established	100ppm
Solvent naphtha (petroleum), heavy aliph.	64742-96-7	Not established	Not established	Not established
Distillates (petroleum), hydrotreated light	64742-47-8	Not established	Not established	Not established
Stoddard solvent	Mixture	Not established	500 ppm TWA	Not established
Ethyl benzene	100-41-4	100ppm TWA	100ppm TWA	100ppm 10 hr-TWA (NIOSH)
Petroleum hydrocarbon	64742-47-8	5 mg/m3 (oil mist)	Not established	Not established
Organic oil	8002-09-3	Not established	Not established	Not established
Trimethylbenzene 1,2,4-	95-63-6	25ppm TWA	25 ppm TWA 25ppm TWA	Not established
Naphthalene	91-20-3	10ppm TWA	10 ppm TWA 10ppm TWA	Not established
Trimethybenzene	25551-13-7	25ppm TWA	25 ppm TWA 25ppm TWA	Not established
Benzene	71-43-2	Not established	1ppm TWA	Not established
Cumene	98-82-8	Not established	50ppm TWA	Not established

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Bulk liquid	Lower Flammability Limit (%):	0.5
Appearance:	Light amber	Upper Flammability Limit (%):	7
Odor:	Petroleum solvent Aromatic	Vapor Pressure (PSIG @ 70°F):	0.01
Odor Threshold:	Slight	Vapor Density [air = 1]:	2.75
pH:	Not applicable	Relative Density (H2O=1):	0.92
Melting/Freezing Point (°F):	No data available	Solubility in Water:	Not determined
Boiling Point (°F):	No data available	Partial Coefficient: n-octanol/water:	No data available
Flash Point (°F PMCC):	91.4	Autoignition Temperature (°F):	449
Evaporation Rate:	Not determined	Decomposition Temperature (°F):	No data available
Flammability (solid, gas):	No data available	Viscosity, dynamic (cSt):	No data available
Percent VOCs (%):	20 - 40		

10. STABILITY AND REACTION

Chemical Stability: Stable.
Conditions to Avoid: Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Avoid contact with: Strong oxidizing agents. Chlorine. Hypochlorites. Strong bases. Strong acids. Open flames and high temperatures. Alkaline earth metals.
Decomposition Products: Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Aldehydes. Various hydrocarbons. Alcohols. Ethers. Ketones. Polymer fragments. Carbon Monoxide.

11. TOXICOLOGICAL INFORMATION

Reproductive & Developmental Toxicity: No data available.

Ingredient	CAS #	Toxicological Data
Xylenes	1330-20-7	Dermal LD50 Rabbit > 2000 mg/kg Oral LD50 Rat = 5000 mg/kg
Stoddard solvent	Mixture	Dermal LD50 Rabbit > 2000 mg/kg Oral LD50 Rat > 5000 mg/kg Inhalation LC50 (4h) Rat > 5500 mg/L
Ethyl benzene	100-41-4	Dermal LD50 Rabbit = 15433 mg/kg No data available Inhalation LC50 Mouse = 6 mg/L
Organic oil	8002-09-3	Dermal LD50 Rabbit > 2000 mg/kg Oral LD50 Rat = 3200 mg/kg
Trimethylbenzene 1,2,4-	95-63-6	Oral LD50 Rat = 6 g/kg Inhalation LC50 (2h) Rat = 18 ppm
Trimethybenzene	25551-13-7	Oral LD50 Rat = 6 g/kg Inhalation LC50 (2h) Rat = 18 ppm

12. ECOLOGICAL INFORMATION

Ecological Toxicity: No data available
Mobility: No data available
Degradability: No data available.

Ingredient	CAS #	Toxicological Data
Xylene	1330-20-7	Aquatic LC50 (96h) MINNOW 24 - 30 mg/L Aquatic LC50 (24h) Daphnia 100 - 1000 mg/L
Ethyl benzene	100-41-4	Aquatic LC50 (96h) Rainbow Trout = 8.4 mg/L 48HR EC50 Daphnia = 9.55 mg/L 72HR EC50 Algae 4.9 mg/L
NJ Trade Secret Registry Organic oil	8002-09-3	Aquatic LC50 (96h) Rainbow Trout 18 mg/L 48HR EC50 Daphnia 24 mg/L 72HR EC50 Algae > 15 mg/L
Trimethylbenzene 1,2,4-	95-63-6	Aquatic LC50 (96h) MINNOW = 7.19 - 8.28 mg/L
Naphthalene	91-20-3	Aquatic LC50 (96h) Rainbow Trout = 0.91 - 2.82 mg/L 48HR EC50 Daphnia = 1.09 - 3.4 mg/L
Trimethybenzene	25551-13-7	Aquatic LC50 (96h) MINNOW = 7.19 - 8.28 mg/L
Toluene	108-88-3	Aquatic LC50 (96h) Rainbow Trout = 24 mg/L Aquatic LC50 (96h) MINNOW = 31.7 mg/L

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORTATION INFORMATION

Agency	UN Number	Proper Shipping name	Hazard Class	Packing Group
DOT	UN1268	Petroleum distillates, n.o.s.	3	III
IATA	UN1268	Petroleum distillates, n.o.s.	3	III
IMDG	UN1268	Petroleum distillates, n.o.s.	3	III

15. 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 - 40	SARA Section 313
Ethyl benzene	100-41-4	1-20	SARA Section 313
Trimethylbenzene 1,2,4-	95-63-6	1-20	SARA Section 313
Naphthalene	91-20-3	1-20	SARA Section 313
Trimethylbenzene 1,2,4-	25551-13-7	1-20	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	1-20	Prop65 Cancer
Naphthalene	91-20-3	1-20	Prop65 Cancer
Benzene	71-43-2	0.1- 0.99	Prop65 Cancer
Cumene	98-82-8	0.1- 0.99	Prop65 Cancer

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

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

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

16. OTHER INFORMATION

Other Information : MSDS Prepared by L. Dean Swartz, MSDS Coordinator

Version Date: 08/21/15

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.