Safety Data Sheet
B790 Skid™

1. IDENTIFICATION

Stoner Incorporated
1070 Robert Fulton Hwy.
Quarryville, PA 17566

1-800-227-5538

Product Name: Skid™
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
Acute Toxicity - Dermal Category 4

Signal Word

Danger

Hazard Statements

Flammable liquid and vapour.
May be fatal if swallowed and enters airways.
Harmful in contact with skin.
Causes skin irritation.
Causes serious eye irritation.
May cause genetic defects..
May cause cancer.
Suspected of damaging fertility or the unborn child.
May cause harm to breast-fed children.
May cause damage to organs through prolonged or repeated exposure.

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.
P241 - Use explosion-proof electrical, ventilating and lighting equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Do not breathe dust/fume/gas/mist/vapours/spray.
Avoid contact during pregnancy/while nursing.
P264 - Wash thoroughly after handling.
Do no eat, drink or smoke when using this product.
Wear protective gloves/protective clothing/eye protection/face protection.

Response

P301+P310 - If swallowed: Immediately call a poison center, doctor or medical center.
P302+P352 - 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.
P312 - Call a poison center, doctor or medical center if you feel unwell.
Get medical advice/attention if you feel unwell.
P321 - Specific treatment (see on this SDS).

Do NOT induce vomiting.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
P370+P378 - In case of fire: Use proper media 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: 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.

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. Do not use near ignition sources. If ventilation is not sufficient, wear proper respiratory equipment. Do not store containers in excessive heat or direct sunlight.

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.

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. 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. 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.

COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
Xylene	1330-20-7	150 PPM STEL; 651 MG/M3 STEL	Not established	100ppm
Solvent naphtha (petroleum), heavy aliph.	64742-96-7	Not established	Not established	Not established
Distillates (petroleum), hydrotreated light	64742-47-8	100 ppm	500 ppm	Not established
Stoddard solvent	Mixture	Not established	500 ppm TWA	Not established
Ethyl benzene	100-41-4	20 ppm 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	0.5ppm TWA	1ppm TWA	0.1ppm TWA (NIOSH)
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):	Not determined
Odor Threshold:	Slight	Vapor Density [air = 1]:	2.744574
pH:	Not applicable	Relative Density (H2O=1):	0.92
Melting/Freezing Point (°F):	-139	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):	120 mm2/s at 40 °C (104 °F) ASTM D 445
Percent VOCs (%):	40 - 60		

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.
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

Inhalation Toxicity:	High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea; continued inhalation may result in unconsciousness and/or death.
Reproductive & Developmental Toxicity:	No data available.
IARC Carcinogen Designation:	Monograph 77 [2000] Monograph 82 [2002] Monograph 29 [1982], Supplement 7 [1987], Monograph 100F [2012] Monograph 60 [1994]

Ingredient	CAS #	Toxicological Data
Xylenes	1330-20-7	Dermal LD50 Rabbit > 2000 mg/kg Oral LD50 Rat = 5000 mg/kg INHALATION LC50 Rat 5000 ppm
Distillates (petroleum), hydrotreated light	64742-47-8	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
NJ Trade Secret Registry	# 80100382-5110P	Dermal LD50 Rabbit > 19940 mg/kg Dermal LD50 Rat > 15950 mg/kg Oral LD50 Rat = 34200 mg/kg
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
Naphthalene	91-20-3	DERMAL LD50 Rabbit 20 GM/KG ORAL LD50 Mouse 316 mg/kg
Trimethybenzene	25551-13-7	Oral LD50 Rat = 6 g/kg Inhalation LC50 (2h) Rat = 18 ppm
Benzene	71-43-2	DERMAL LD50 Mouse 48 mg/kg DERMAL LD50 GUINEA PIG 9400 UL/KG DERMAL LD50 Rabbit 9400 UL/KG ORAL LD50 Mouse 4700 mg/kg ORAL LD50 Rat 6400 mg/kg ORAL LD50 Rat 930 mg/kg ORAL LD50 Rat 1 ml/kg ORAL LD50 Rat 1800 mg/kg INHALATION LC50 Mouse 9980 ppm INHALATION LC50 Rat 10000 ppm
n-Hexane	110-54-3	No data available INHALATION LC50 Mouse 150000 MG/M3 INHALATION LC50 Rat 48000 ppm
Toluene	108-88-3	Dermal LD50 Rabbit > 5000 mg/kg Oral LD50 Rat 5580 mg/kg Inhalation LC50 (4h) Rat 28 mg/L
Propylene oxide	75-56-9	DERMAL LD50 Rabbit 1500 UL/KG ORAL LD50 Rat 380 mg/kg ORAL LD50 Mouse 440 mg/kg ORAL LD50 GUINEA PIG 660 mg/kg INHALATION LC50 Mouse 1740 ppm INHALATION LC50 Rat 4000 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
Distillates (petroleum), hydrotreated light	64742-47-8	96HR LL50 Rainbow Trout 2 mg/L 48HR EL50 Daphnia 1.4 mg/L 72HR EL50 Algae 1 mg/L
NJ Trade Secret Registry	# 80100382-5110P	Aquatic LC50 (96h) MINNOW = 20 - 65 mg/L 48HR EC50 Daphnia = 26 mg/L IC50-16HR Bacteria = 19000 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
Benzene	71-43-2	NRH NR ONCORHYNCHUS MYKISS 0.00028 ul/l NRH NR ONCORHYNCHUS MYKISS 23.2 ul/l
n-Hexane	110-54-3	NRH BCF PIMEPHALES PROMELAS 8.7 ul/l NRD BCF ONCORHYNCHUS MYKISS 413 PG/G 96H LC50 PIMEPHALES PROMELAS 970 ul/l 48H LC50 PIMEPHALES PROMELAS 70 ul/l 48H LC50 PIMEPHALES PROMELAS 48 ul/l

		48H LC50 PIMEPHALES PROMELAS 17300 ul/l 48H LC50 PIMEPHALES PROMELAS 1600 ul/l 48H EC50 PIMEPHALES PROMELAS 52 ul/l 48H EC50 PIMEPHALES PROMELAS 494 ul/l 48H EC50 PIMEPHALES PROMELAS 121000 ul/l 48H EC50 PIMEPHALES PROMELAS 1040 ul/l 24H LC50 PIMEPHALES PROMELAS 92 ul/l 24H LC50 PIMEPHALES PROMELAS 4220 ul/l 24H LC50 PIMEPHALES PROMELAS 22500 ul/l 24H LC50 PIMEPHALES PROMELAS 1580 ul/l 24H LC50 PIMEPHALES PROMELAS 138 ul/l 24H EC50 PIMEPHALES PROMELAS 90 ul/l 24H EC50 PIMEPHALES PROMELAS 1480 ul/l NRH NR PIMEPHALES PROMELAS 28.7 UG/2 ORG/D NRD NR PIMEPHALES PROMELAS 28.7 UG/2 ORG/D NRD BCF ONCORHYNCHUS MYKISS 40 PG/G NRD BCF ONCORHYNCHUS MYKISS 192 PG/G 96H EC50 PIMEPHALES PROMELAS 950 ul/l 48H LC50 PIMEPHALES PROMELAS 549 ul/l 48H LC50 PIMEPHALES PROMELAS 3420 ul/l 48H LC50 PIMEPHALES PROMELAS 135000 ul/l 48H EC50 PIMEPHALES PROMELAS 70 ul/l 48H EC50 PIMEPHALES PROMELAS 3010 ul/l 48H EC50 PIMEPHALES PROMELAS 16900 ul/l 24H LC50 PIMEPHALES PROMELAS 662 ul/l 24H EC50 PIMEPHALES PROMELAS 644 ul/l 24H EC50 PIMEPHALES PROMELAS 3920 ul/l 24H EC50 PIMEPHALES PROMELAS 15700 ul/l 24H EC50 PIMEPHALES PROMELAS 140000 ul/l 24H EC50 PIMEPHALES PROMELAS 140 ul/l
Toluene	108-88-3	Aquatic LC50 (96h) MINNOW = 9640 mg/L 24HR EC50 Daphnia > 10000 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
Benzene	71-43-2	0.1- 0.99	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
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.

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: 10/22/15

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.