

Safety Data Sheet

B790 Skid™ Penetrating Lubricant

Stoner

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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

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.

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.
P264 - Wash thoroughly after handling.
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.
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

| <u>COMPONENT</u> | <u>CAS #</u> | <u>Percent</u> |
|---|--------------|----------------|
| Xylene | 1330-20-7 | 10 - 30 |
| 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 | 3 - 7 |
| Petroleum hydrocarbon | 64742-47-8 | 1 - 5 |
| Organic oil | 8002-09-3 | 0.5 - 1.5 |
| Trimethylbenzene 1,2,4- | 95-63-6 | 0.5 - 1.5 |
| Naphthalene | 91-20-3 | 0.5 - 1.5 |
| Trimethylbenzene | 25551-13-7 | 0.5 - 1.5 |
| Cumene | 98-82-8 | 0.1- 0.99 |
| Benzene | 71-43-2 | 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 ACA 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 its 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. 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.
- 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 SDS (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. 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.

| <u>COMPONENT</u> | <u>CAS #</u> | <u>ACGIH TLV</u> | <u>OSHA PEL</u> | <u>OTHER</u> |
|---|--------------|------------------------------|----------------------|--------------------------|
| 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 | Not established | 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 |
| Trimethylbenzene | 25551-13-7 | 25ppm TWA | 25 ppm TWA 25ppm TWA | Not established |
| Cumene | 98-82-8 | Not established | 50ppm TWA | Not established |
| Benzene | 71-43-2 | 0.5ppm TWA | 1ppm TWA | 0.1ppm TWA (NIOSH) |

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): | No data available |
| Odor Threshold: | Slight | Vapor Density [air = 1]: | >1 |
| pH: | Not applicable | Relative Density (H2O=1): | 0.88 |
| 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 (%): | 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

Reproductive & Developmental Toxicity: No data available.
IARC Carcinogen Designation: No data available

| Ingredient | CAS # | Toxicological Data |
|---|------------------|--|
| Xylenes | 1330-20-7 | Dermal LD50 Rabbit > 2000 mg/kg Oral LD50 Rat = 5000 mg/kg |
| Distillates (petroleum), hydrotreated light | 64742-47-8 | Inhalation LC50 Rat 5000 ppm Dermal LD50 Rabbit > 2000 mg/kg Oral LD50 Rat > 5000 mg/kg |
| Stoddard solvent | Mixture | No data available Dermal LD50 Rabbit > 2000 mg/kg Oral LD50 Rat > 5000 mg/kg |
| NJ Trade Secret Registry | # 80100382-5110P | Inhalation LC50 (4h) Rat > 5500 MG/L Dermal LD50 Rat > 15950 mg/kg Dermal LD50 Rabbit > 19940 mg/kg Oral LD50 Rat = 34200 mg/kg |
| Ethyl benzene | 100-41-4 | No data available Dermal LD50 Rabbit = 15433 mg/kg No data available |
| Organic oil | 8002-09-3 | Inhalation LC50 Mouse = 6.2 MG/L Dermal LD50 Rabbit > 2000 mg/kg Oral LD50 Rat = 3200 mg/kg |
| Trimethylbenzene 1,2,4- | 95-63-6 | No data available No data available Oral LD50 Rat = 6 g/kg |
| Naphthalene | 91-20-3 | Inhalation LC50 (2h) Rat = 18 ppm Dermal LD50 Rabbit 20000 mg/kg Oral LD50 Mouse 316 mg/kg |
| Trimethylbenzene | 25551-13-7 | No data available No data available Oral LD50 Rat = 6 g/kg |
| n-Hexane | 110-54-3 | Inhalation LC50 (2h) Rat = 18 ppm No data available No data available |
| Benzene | 71-43-2 | Inhalation LC50 Rat 48000 ppm Inhalation LC50 Mouse 150000 MG/M3 Dermal LD50 Rabbit 9400000 mg/kg Dermal LD50 GUINEA PIG 9400000 mg/kg Dermal LD50 Mouse 48 mg/kg Oral LD50 Rat 1800 mg/kg Oral LD50 Rat 1000 mg/kg Oral LD50 Rat 930 mg/kg Oral LD50 Rat 6400 mg/kg Oral LD50 Mouse 4700 mg/kg |
| Propylene oxide | 75-56-9 | Inhalation LC50 Rat 10000 ppm Inhalation LC50 Mouse 9980 ppm Dermal LD50 Rabbit 1500000 mg/kg Oral LD50 GUINEA PIG 660 mg/kg Oral LD50 Mouse 440 mg/kg Oral LD50 Rat 380 mg/kg Inhalation LC50 Rat 4000 ppm Inhalation LC50 Mouse 1740 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 Code: 96HR LL50 Rainbow Trout 2 MG/L 48HR EL50 Daphnia 1.4 MG/L 72HR EL50 Algae 1 MG/L |
| Distillates (petroleum), hydrotreated light | 64742-47-8 | Aquatic LC50 (96h) MINNOW = 20 - 65 MG/L 48HR EC50 Daphnia = 26 MG/L IC50-16HR Bacteria = 19000 MG/L |
| NJ Trade Secret Registry | # 80100382-5110P | Aquatic LC50 (96h) Rainbow Trout = 8.4 MG/L 48HR EC50 Daphnia = 9.55 MG/L 72HR EC50 Algae 4.9 MG/L |
| Ethyl benzene | 100-41-4 | Aquatic LC50 (96h) Rainbow Trout 18 MG/L 48HR EC50 Daphnia 24 MG/L 72HR EC50 Algae > 15 MG/L |
| NJ Trade Secret Registry Organic oil | 8002-09-3 | Aquatic LC50 (96h) MINNOW = 7.19 - 8.28 MG/L No data available |
| Trimethylbenzene 1,2,4- | 95-63-6 | |

| | | |
|------------------|------------|---|
| Naphthalene | 91-20-3 | No data available Aquatic LC50 (96h) Rainbow Trout = 0.91 - 2.82 MG/L 48HR EC50 Daphnia = 1.09 - 3.4 MG/L |
| Trimethylbenzene | 25551-13-7 | No data available Aquatic LC50 (96h) MINNOW = 7.19 - 8.28 MG/L |
| n-Hexane | 110-54-3 | No data available 96H LC50 PIMEPHALES PROMELAS 970 ul/l 48H LC50 PIMEPHALES PROMELAS 70 ul/l 96H EC50 PIMEPHALES PROMELAS 950 ul/l |
| Benzene | 71-43-2 | No data available NRH NR ONCORHYNCHUS MYKISS 0.00028 ul/l NRH NR ONCORHYNCHUS MYKISS 23.2 ul/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. (contains Xylene) | 3 | III |
| IATA | UN1268 | Petroleum distillates, n.o.s. (contains Xylene) | 3 | III |
| IMDG | UN1268 | Petroleum distillates, n.o.s. (contains Xylene) | 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 | 10 - 30 | SARA Section 313 |
| Ethyl benzene | 100-41-4 | 3 - 7 | SARA Section 313 |
| Trimethylbenzene 1,2,4- | 95-63-6 | 0.5 - 1.5 | SARA Section 313 |
| Naphthalene | 91-20-3 | 0.5 - 1.5 | SARA Section 313 |
| Trimethylbenzene 1,2,4- | 25551-13-7 | 0.5 - 1.5 | SARA Section 313 |
| Benzene | 71-43-2 | 0.1 - 0.99 | SARA Section 313 |

Toxic Substances Control Act

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

California Prop 65



WARNING: This product can expose you to Benzene, Cumene, Ethyl benzene, Naphthalene, PROPYLENE OXIDE, which is(are) known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov. This product can expose you to Benzene, which is(are) known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

16. OTHER INFORMATION

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

Version Date: 08/07/22

This information contained in this SDS 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.