



SAFETY DATA SHEET

Issue Date 8/10/15

Revision Date 8/10/15

Version 1

1. IDENTIFICATION

Product identifier

Product Name: Pad Slick

Other means of identification

Product code: F-801

Synonyms: None

Recommended use of the chemical and restrictions on use

Recommended Use: Lubricant.

Uses advised against: No information available

Details of the supplier of the safety data sheet

Supplier Address

FRONTIER PERFORMANCE LUBRICANTS INC
 PO BOX 1777
 LODI, CA 95241
 Phone: (800)-807-4496
 Fax: (209)-334-6408

Emergency telephone number

Emergency Telephone: PERS (800)-633-8253

2. HAZARDS IDENTIFICATION

Product Signal Word: DANGER
Physical Hazard Classification: Flammable Liquid, Category 4

WARNING

Physical Hazard Precautionary Statements:

Combustible liquid.
 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 Keep cool.
 Wear protective gloves/protective clothing/eye protection/face protection.
 In case of fire: Contact authorities, avoid breathing fumes and smoke.
 Use appropriate media to extinguish. Store in a well-ventilated place.
 Dispose of contents/container in accordance with local regulations.

Health Hazard Classification(s):

Acute Toxicity - Oral - Level 3	Danger
Acute Toxicity - Dermal - Level 4	Warning
Skin Corrosion/Irritation -Level 2	Warning
Eye Damage/Irritation -Level 2A	Warning
Mutagenicity -Cell- Level 2	Warning
Carcinogenicity - Level 2	Warning
Toxic to Reproduction - Level 1	Danger
Specific Target Organ Toxicity (Repeated Exposure) -	Danger



Health Hazard Statements:

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.
 Do not breathe dust/fume/gas/mist/vapours/spray.
 Wash hands and exposed areas thoroughly after handling.
 Do not eat, drink or smoke when using this product.
 Wear protective gloves/protective clothing/eye protection/face protection.
 Use personal protective equipment as required.



IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.
 IF ON SKIN: Wash with plenty of water.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. If exposed or concerned: Get medical advice/attention.

Call a POISON CENTER/doctor/physician if you feel unwell.
 Get medical advice/attention if you feel unwell.
 See section 12 if specific treatment is applicable.
 See Section 12 if specific treatment is applicable.
 Rinse mouth.
 Do NOT induce vomiting.
 If skin irritation occurs: Get medical advice/attention.
 If eye irritation persists: Get medical advice/attention.
 Take off contaminated clothing

3. COMPOSITION/INFORMATION ON INGREDIENTS

	CAS#	% Range		PEL	TLV
DICHLOROMETHANE *	75-09-2	60%	90%	TWA 25 ppm	ACGIH 50 ppm
POLYDIMETHYLSILOXANE FLUID	63148-62-9	5%	10%	NOT ESTABLISHED	NOT ESTABLISHED

Specific chemical identity and exact percentages are withheld as Trade Secret

4. FIRST AID MEASURES

IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.
 IF ON SKIN: Wash with plenty of water.
 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.
 Call a POISON CENTER/doctor/physician if you feel unwell.
 Get medical advice/attention if you feel unwell.
 See section 12 if specific treatment is applicable.
 See Section 12 if specific treatment is applicable.
 Rinse mouth.
 Do NOT induce vomiting.
 If skin irritation occurs: Get medical advice/attention.
 If eye irritation persists: Get medical advice/attention.
 Take off contaminated clothing.
 Wash contaminated clothing before reuse.

GENERAL: This material is an aspiration hazard and defats the skin. Breathing vapors of high concentrations may cause CNS depression. EYE CONTACT: Slightly irritating but does not injure eye tissue.

SKIN CONTACT: Low order of toxicity. Frequent or prolonged contact may irritate and cause dermatitis. Skin contact may aggravate an existing dermatitis condition.

INHALATION: High vapor/aerosol concentrations (greater than approximately 100 ppm) are irritating to the eyes and the respiratory tract, may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including death.

INGESTION: Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly minimal toxicity.

FIRST AID	
EYE CONTACT:	Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.
SKIN CONTACT:	Flush with large amounts of water; use soap if available. Remove grossly contaminated clothing, including shoes, and launder before reuse.
INHALATION:	Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention
INGESTION:	If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention.
PRECAUTIONS	
SPECIAL PRECAUTIONS:	Health studies have shown that many hydrocarbons pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.
PERSONAL PROTECTION:	For open systems where contact is likely, wear safety glasses with side shields, long sleeves, and chemical resistant gloves. Where concentrations in air may exceed the limits, work practice or other means of exposure reduction are not adequate, NIOSH/MSHA approved respirators may be necessary to prevent overexposure by inhalation.
VENTILATION:	The use of mechanical dilution ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperatures, or is agitated.

5. FIRE-FIGHTING MEASURES

GENERAL HAZARD:	Combustible liquid, can form combustible mixtures at temperatures at or above the flash point. Static Discharge, material can accumulate static charge which can cause an incendiary electrical discharge. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT cut, weld, braze, solder, drill or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death.
FIRE FIGHTING:	Use water spray to cool fire exposed surfaces and to protect personnel. Isolate "fuel" supply from fire. Use foam, dry chemical, or water spray to extinguish fire. Avoid spraying water directly into storage containers due to danger of boil over. This liquid is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.

6. ACCIDENTAL RELEASE MEASURES

LAND SPILL:	Eliminate sources of ignition. Prevent additional discharge of material, if possible to do so without hazard. For small spills implement cleanup procedures; for large spills implement cleanup procedures and, if in public area, keep public away and advise authorities. Also, if this product is subject to CERCLA reporting notify the National Response Center. Prevent liquid from entering sewers, watercourses, or low areas. Contain spilled liquid with sand or earth. Do not use combustible materials such as sawdust. Recover by pumping or with a suitable absorbent. Consult an expert on disposal regulations.
WATER SPILL:	Eliminate sources of ignition. Warn occupants and shipping in surrounding and downwind areas of fire and explosion hazard and request all to stay clear. Remove from surface by skimming or with suitable adsorbents. If allowed by local authorities and environmental agencies, sinking and/or suitable dispersants may be used in non-confined waters. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulation.

7. HANDLING AND STORAGE

Use personal protective equipment as required.

Store locked up.

- VENTILATION REQUIREMENT:** Use adequate level exhaust ventilation. Note: Where carbon monoxide may be generated, special ventilation may be required. Local exhaust recommended when appropriate to control employee exposure.
- RESPIRATORY PROTECTION:** Based on contamination level and working limits of the respirator, use a respirator approved by NIOSH/MSHA.
- EYES:** Face shield and goggles or chemical goggles should be worn.
- GLOVES:** Impervious gloves should be worn. Gloves contaminated with the product should be discarded. Polyfluorinated polyethylene has been suggested.
- OTHER CLOTHING EQUIPMENT:** Standard work clothing. Standard work shoes; discard if shoes can not be decontaminated. Store contaminated clothing in well ventilated cabinets or closed containers. Wash contaminated clothing and dry before reuse.
- RESPIRATORY PROTECTION:** In situations where vapor concentrations exceed the recommended exposure limits, a NIOSH approved organic vapor cartridge or air-supplying respirator should be worn.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Do not breathe dust/fume/gas/mist/vapors/spray.
- Wash hands and exposed areas thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Use personal protective equipment as required.

- VENTILATION REQUIREMENT:** Use adequate level exhaust ventilation. Note: Where carbon monoxide may be generated, special ventilation may be required. Local exhaust recommended when appropriate to control employee exposure.
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- OTHER CLOTHING EQUIPMENT:** Standard work clothing. Standard work shoes; discard if shoes can not be decontaminated. Store contaminated clothing in well ventilated cabinets or closed containers. Wash contaminated clothing and dry before reuse.

RESPIRATORY PROTECTION: In situations where vapor concentrations exceed the recommended exposure limits, a NIOSH approved organic vapor cartridge or air-supplying respirator should be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES

Flash Point (CCP): N/D
Boiling Point for Product: 104°F
Vapor Pressure for Product: 350
Vapor Density for Product: 2.9
Specific Gravity: N/D
V.O.C.: 0
Water Solubility: PARTIAL
Appearance: CLEAR THICK LIQUID
PH: N/D

10. STABILITY AND REACTIVITY

STABILITY: Stable
CONDITIONS TO AVOID: Temperatures above 130 degree F. HAZARDOUS POLYMERIZATION: Will not occur
MATERIALS AND CONDITIONS TO AVOID INCOMPATIBILITY: Strong oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS: None

11. TOXICOLOGICAL INFORMATION

DICHLOROMETHANE * 75-09-2
Oral rat LD50: 1600 mg/kg;
Inhalation rat LC50: 52 gm/m3;
Investigated as a tumorigen, mutagen, reproductive effector.

12. ECOLOGICAL INFORMATION

DICHLOROMETHANE * 75-09-2
Environmental Fate: When released into the soil, this material may leach into groundwater. When released into the soil, this material is expected to quickly evaporate. When released into water, this material may biodegrade to a moderate extent. When released to water, this material is expected to quickly evaporate. This material has a log octanol-water partition coefficient of less than 3.0. This material is not expected to significantly bioaccumulate. When released into the air, this material may be moderately degraded by reaction with photochemically produced hydroxyl radicals. When released into the air, this material is expected to have a half-life of greater than 30 days. When released into the air, this material may be removed from the atmosphere to a moderate extent by wet deposition.
Environmental Toxicity: The LC50/96-hour values for fish are over 100 mg/l. This material is not expected to be toxic to aquatic life.

If applicable, IARL, NPT and OSHA carcinogens and chemicals subject to the reporting requirements of SARA Title III, Section 313 are identified in Section III with an "***". Additional ecological information is Not Determined.

13. DISPOSAL CONSIDERATIONS

Dispose of contents/container in accordance with local regulations.

WASTE DISPOSAL METHOD: Consult local authorities for proper waste disposal procedures. Empty de-pressurized containers can not be reused. Cans which are pressurized or contain liquid must be disposed of in a permitted waste management facility. Consult Federal, State, and local disposal authorities for approved procedures.

14. TRANSPORT INFORMATION

DOT Proper Shipping Name: UN1593
DICHLOROMETHANE 6.1, PG III

15. REGULATORY INFORMATION

	CAS#	PEL	TLV
DICHLOROMETHANE *	75-09-2	TWA 25 ppm	ACGIH 50 ppm
POLYDIMETHYLSILOXANE FLUID	63148-62-9	NOT ESTABLISHED	NOT ESTABLISHED

State of California SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986.

WARNING: IN ACCORDANCE WITH PROP 65, THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS AND OTHER REPRODUCTIVE HARM.

If applicable, IARL, NPT and OSHA carcinogens and chemicals subject to the reporting requirements of SARA Title III, Section 313 are identified above with an "***"

16. OTHER INFORMATION

Consumer Product Safety Act Certification.

This product was evaluated by the Company listed above and is certified to be in compliance with the provisions of the Consumer Product Safety Act, the Federal Hazardous Substances Act, and the Poison Prevention Packaging Act, as applicable. This product was manufactured at the location identified on the SDS. The date of manufacture is stamped on the product container. No testing is required to certify compliance with the above mentioned regulation.

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Revision Date 8/10/15
Revision Note Not applicable

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet