

View Section : 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16**SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION**

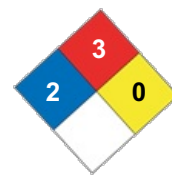
(N/A)

Product Name: Penetrating Lubricant**Distributor Name:** Fastenal**Distributor Address:** Winona, MN 55987,
USA

Emergency Phone: 1-813-248-0585

Distributor Telephone: 1-877-Fastenal**Revision Date:** August 8, 2005
Revision ##: 1**Manufacturer Name:** Fastenal**Address:** Winona, MN 55987,
USA

Emergency Phone: 1-813-248-0585

General Use: Product Use: Lubricant**Business Phone:** 1-877-FastenalNFPA 704: National Fire Protection Association
Hazard Rating:
0 = minimal
1 = Slight
2 = Moderate
3 = Severe
4 = Extreme**Product Codes:** 0605043**NFPA**[To Top of page](#)**SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTS**

: (N/A)

Ingredient Name	CAS#	Ingredient Percent
Distillates (petroleum), hydrotreated light EC Index Number: 1	64742-47-8	60 - 100% by Weight
Distillates (petroleum), hydrotreated heavy naphthenic EC Index Number: 1	64742-52-5	5 - 10% by Weight
Medium aliphatic solvent naphtha (petroleum) C9-C12 EC Index Number: 1	64742-88-7	1 - 5% by Weight
Carbon dioxide EC Index Number: 1	124-38-9	1 - 5% by Weight
Distillates (petroleum), solvent-refined heavy paraffinic EC Index Number: 1	64741-88-4	0.1 - 1% by Weight

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: (N/A)

Emergency Overview: DANGEREXTREMELY FLAMMABLE AEROSOL. CONTENTS UNDER PRESSURE.
CONTAINER MAY EXPLODE IF HEATED. HARMFUL OR FATAL IF SWALLOWED.
CANCER HAZARD. CONTAINS MATERIAL WHICH MAY CAUSE CANCER.* MAY
CAUSE EYE IRRITATION. MAY CAUSE SKIN IRRITATION. Do not puncture.
Do not burn. Store away from heat.* According to Canadian WHMIS. See Section 15 for California, USA
information.**Applies to All Ingredients :****Route of Exposure:** Skin contact, skin absorption, eye contact, and inhalation.**Potential Health Effects:** See Section 11 for more information.**Eye Contact:** May irritate eyes.**Skin Contact:** May irritate skin.

Inhalation:	Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness). Aspiration of material into lungs can cause chemical pneumonitis.
Ingestion:	May cause stomach distress, nausea or vomiting.
Chronic Health Effects:	Prolonged or repeated exposure can cause drying, defatting and dermatitis.
Target Organs:	Not available.
Signs/Symptoms:	Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. Symptoms may include redness, edema, drying, defatting and cracking of the skin.
Aggravation of Pre-Existing Conditions:	Certain pre-existing conditions may make workers particularly susceptible to the effects of this chemical: asthma, allergies, impaired pulmonary function. This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. Potential Environmental Effects: See Section 12 for more information. This product is not expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems.

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SECTION 4 : FIRST AID MEASURES : (N/A)

Eye Contact:	Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
Skin Contact:	After contact with skin, wash immediately with plenty of water. Remove and wash contaminated clothing before re-use. If irritation persists, get medical attention.
Inhalation:	If breathed in, move person into fresh air. If symptoms persist, obtain medical attention. If breathing has stopped, trained personnel should administer CPR immediately.
Ingestion:	If swallowed, call a Poison Control Centre or doctor immediately. DO NOT induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. If swallowed, rinse mouth with water (only if the person is conscious).
Note to Physicians:	Symptoms may be delayed. General Advice: In case of accident or if you feel unwell, seek medical advice immediately (show the label or MSDS where possible).

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SECTION 5 : FIRE FIGHTING MEASURES : (N/A)

Fire:	Flammability: FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols): EXTREMELY FLAMMABLE. Flammable aerosol by WHMIS criteria.
Flash Point:	(Of concentrate): Not available.
Upper Flammable or Explosive Limit:	Not available.
Lower Flammable or Explosive Limit:	Not available.
Auto Ignition Temperature:	Not available.
Extinguishing Media:	Powder, water spray, foam, carbon dioxide.
Unsuitable Media:	Not available.
Hazardous Combustion Byproducts:	Oxides of carbon. Oxides of sulfur.
Fire Fighting Instructions:	Pressurized container may explode when exposed to heat or flame. In case of fire and/or explosion do not breathe fumes. Firefighters should wear full protective clothing including self contained breathing apparatus.
Sensitivity to Impact:	Sensitivity to Mechanical Impact: Not available.
Static Discharge Effects:	Not available.

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SECTION 6 : ACCIDENTAL RELEASE MEASURES : (N/A)


Personal Precautions:	Use personal protection recommended in Section 8. Isolate area. Remove sources of ignition. Keep unnecessary personnel away. Ruptured cylinders may rocket.
Spill Cleanup Measures:	Sweep up or gather material and place in appropriate container for disposal. Allow gas to dissipate into the atmosphere. Methods for Containment: Prevent further leakage or spillage if safe to do so. Use sand, perlite or vermiculite as an absorbent for large spills of this material.
Environmental Precautions:	Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks).
Other Information:	Not available.

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SECTION 7 : HANDLING and STORAGE : (N/A)

Handling:	Keep away from heat, open flames or other sources of ignition. Avoid contact with eyes. Avoid contact with skin. Do not swallow. Do not breathe gas/fumes/vapor/spray. Use only in a well-ventilated area. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.
Storage:	Keep out of the reach of children. Do not store at temperatures above 49 deg C. Store in a cool, dry, well-ventilated area. Keep away from food,

Hygiene Practices:	drink and animal feedingstuffs. Handle in accordance with good industrial hygiene and safety practice.
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SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION : (N/A)

Engineering Controls:	Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.
Skin Protection Description:	Wear suitable protective clothing.
Hand Protection Description:	Wear suitable gloves.
Eye/Face Protection:	Wear safety glasses with side shields.
Protective Clothing/Body Protection:	Wear suitable protective clothing.
Respiratory Protection:	In case of insufficient ventilation, wear suitable respiratory equipment.
	General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice.

Ingredient Guidelines

Ingredient: Carbon dioxide

Guideline Type:	OSHA PEL-TWA
Guideline Information:	5000 ppm
Guideline Type:	ACGIH TLV-TWA
Guideline Information:	5000 ppm

Ingredient: Distillates (petroleum), hydrotreated heavy naphthenic

Guideline Type:	OSHA PEL-TWA
Guideline Information:	5 mg/m3 8hrs
Guideline Type:	ACGIH TLV-TWA
Guideline Information:	5 mg/m3 8hrs

Ingredient: Distillates (petroleum), hydrotreated light

Guideline Type:	OSHA PEL-TWA
Guideline Information:	100 ppm
Guideline Type:	ACGIH TLV-TWA
Guideline Information:	Not available

Ingredient: Distillates (petroleum), solvent-refined heavy paraffinic

Guideline Type:	OSHA PEL-TWA
Guideline Information:	5 mg/m3 (mist)
Guideline Type:	ACGIH TLV-TWA
Guideline Information:	5 mg/m3 (mist)

Ingredient: Medium aliphatic solvent naphtha (petroleum) C9-C12

Guideline Type:	OSHA PEL-TWA
Guideline Information:	100 ppm
Guideline Type:	ACGIH TLV-TWA
Guideline Information:	100 ppm

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SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES : (N/A)

Physical State/Appearance:	Opaque.
Color:	Tan.
Odor:	Solvent.
Physical State:	Gas/Pressurized Liquid.
pH:	(Of concentrate): Not available.
Vapor Pressure:	(Of concentrate): Not available.
Vapor Density:	(Of concentrate): > 1 (Air = 1)
Boiling Point:	(Of concentrate): Not available.
Freezing Point:	(Of concentrate): Not available.
Solubility:	In Water (of concentrate): Negligible.
Specific Gravity:	(Of concentrate): 0.81
Evaporation Point:	(Of concentrate): > 1 (Water = 1)
Percent Volatile:	Wt. %: 100
Volatile Organic Compound Content:	Wt. %: 3.7
Viscosity:	(Of concentrate): Water thin.
Odor Threshold:	Not available.
Coefficient of Water/Oil Distribution:	Not available.

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SECTION 10 : STABILITY and REACTIVITY : (N/A)

Chemical Stability:	Stable under recommended storage conditions. Contents under pressure. Container may explode if heated. Do not puncture. Do not burn.
Incompatibilities with Other Materials:	Oxidizers.
Reactivity:	Conditions of Reactivity: No dangerous reaction known under conditions of normal use.
	Possibility of Hazardous Reactions: Will not occur.
Hazardous Decomposition Products:	Oxides of carbon. Oxides of sulfur.

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SECTION 11 : TOXICOLOGICAL INFORMATION : (N/A)

Applies to all ingredients:

Eye Effect:	May irritate eyes. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Skin Effects:	May irritate skin. Symptoms may include redness, edema, drying, defatting and cracking of the skin.
Ingestion Effects:	Not a normal route of exposure. May cause stomach distress, nausea or vomiting.
Inhalation Effects:	Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness). Aspiration of material into lungs can cause chemical pneumonitis.
Chronic Effects:	Not hazardous by WHMIS/OSHA criteria.
Carcinogenicity:	Hazardous by WHMIS criteria.
Mutagenicity:	Not hazardous by WHMIS/OSHA criteria.
Teratogenicity:	Not hazardous by WHMIS/OSHA criteria.
Embryo Toxicity:	Not hazardous by WHMIS/OSHA criteria.
Sensitization:	Respiratory Sensitization: Not hazardous by WHMIS/OSHA criteria. Skin Sensitization: Not hazardous by WHMIS/OSHA criteria.
Reproductive Toxicity:	Not hazardous by WHMIS/OSHA criteria.
Other Toxicological Information:	Target Organs: Not available. Toxicologically Synergistic Materials: Not available.

Distillates (petroleum), hydrotreated light :

Ingestion Effects:	LD50 (oral): > 5000 mg/kg, rat
Inhalation Effects:	LC50: Not available
Carcinogenicity:	Chemical Listed as Carcinogen or Potential Carcinogen: NTP: No IARC: No OSHA: No ACGIH: No

Distillates (petroleum), hydrotreated heavy naphthenic :

Ingestion Effects:	LD50 (oral): Not available
Inhalation Effects:	LC50: Not available
Carcinogenicity:	Chemical Listed as Carcinogen or Potential Carcinogen: NTP: No IARC: No OSHA: No ACGIH: No

Medium aliphatic solvent naphtha (petroleum) C9-C12 :

Ingestion Effects:	LD50 (oral): 19000 mg/kg, rat
Inhalation Effects:	LC50: 700 mg/m3, rat
Carcinogenicity:	Chemical Listed as Carcinogen or Potential Carcinogen: NTP: No IARC: No OSHA: No ACGIH: No

Carbon dioxide :

Ingestion Effects:	LD50 (oral): Not available
Inhalation Effects:	LC50: Not available
Carcinogenicity:	Chemical Listed as Carcinogen or Potential Carcinogen: NTP: No IARC: No OSHA: No ACGIH: No

Distillates (petroleum), solvent-refined heavy paraffinic :

Ingestion Effects:	LD50 (oral): > 5000 mg/kg, rat
Inhalation Effects:	LC50: > 5000 mg/m3 4 hrs, rat
Carcinogenicity:	Chemical Listed as Carcinogen or Potential Carcinogen: NTP: No IARC: No OSHA: No ACGIH: No

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: (N/A)

Ecotoxicity:	This product is not expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems.
Bioaccumulation:	Accumulation: Not available.
Persistence/Degradability:	Not available. Mobility in Environment: Not available.

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: (N/A)

Waste Disposal:	This material and its container must be disposed of in a safe way. Dispose in accordance with all applicable regulations.
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: (N/A)

DOT Hazard Class:	ORM-D
IATA Shipping Name:	AEROSOLS, flammable
IATA UN Number:	UN1950
IATA Class:	2.1
Canadian Hazard Class:	Limited Quantity

**SECTION 15 : REGULATORY INFORMATION**

: (N/A)

Applies to all ingredients:**TSCA 8(b): Inventory Status:** Ingredients on List: Yes**OSHA 29 CFR 1200:** MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200).**State:** California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):
This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.**Canada WHMIS:** WHMIS Classification:
Class A - Compressed Gas
Class B5 - Flammable Aerosol
Class D2A - Carcinogenicity

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.**Canada DSL:** Ingredients on List: Yes**Canada NDSL:** Ingredients on List: No
NFPA 704: National Fire Protection Association
Health - 2
Fire - 3
Reactivity - 0Hazard Rating:
0 = minimal
1 = Slight
2 = Moderate
3 = Severe
4 = Extreme**SECTION 16 : ADDITIONAL INFORMATION**

: (N/A)

NFPA:**Health:** 2 = Moderate**Fire Hazard:** 3 = Severe**Reactivity:** 0 = Minimal**MSDS Revision Date:** August 8, 2005
Revision ##: 1**MSDS Author:** Prepared by:
Nexreg Compliance Inc.
Phone: (519) 488-5126
Web: www.nexreg.ca**Disclaimer:**

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.

NFPA 704: National Fire Protection Association
Hazard Rating:
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Expiry Date: August 8, 2008

Formula ##: A00392

