

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: GCN-LU04

Product Description: Tool Oil Lubricant

Company Identification: Simpson Strong-Tie Company Inc.
5956 W. Las Positas Blvd.
Pleasanton, CA 94588 USA

Emergency Contact No.: 1-800-535-5035 USA
1-352-323-3500 International

Date Prepared or Revised: December 2009
For most current MSDS, please visit our web site at www.simpsonanchors.com

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	% Volume
Industrial oil	Mixture	100
Hydrotreated heavy paraffinic distillate	Mixture	90 – 98.99
Proprietary additives	Mixture	1 – 2.99

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

**WARNING! MAY CAUSE EYE IRRITATION.
PROLONGED OR REPEATED EXPOSURE MAY CAUSE SKIN SENSITIZATION.**

POTENTIAL HEALTH EFFECTS

Acute

Eye Contact: May cause eye irritation, swelling, tearing, redness, and /or blurred vision.

Skin Contact: May cause irritation. Prolonged or repeated skin contact may cause skin sensitization, evidenced by rashes and hives.

Inhalation: May cause mild irritation to the nose and respiratory tract.

Ingestion: May cause irritation to the gastrointestinal tract. Lubricant oils are generally no more than toxic if swallowed.

Systemic Effects: Lungs, eyes, and skin.

Chronic: None known

Medical Conditions which May be Aggravated by Inhalation or Dermal Exposure:

Persons with eye, skin or respiratory disorders or unusual (hyper) sensitivity to chemicals may experience adverse reactions to this product.

4. FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of cool water for at least 15 minutes while holding the eyes open. If redness, burning, blurred vision, or swelling persists, **CONSULT A PHYSICIAN.**

Skin Contact: Remove product and immediately wash affected area with soap and water. Do not apply greases or ointments. Remove contaminated clothing. Wash clothing with soap and water before reuse. If redness, burning, or swelling persists, **CONSULT A PHYSICIAN.**

Ingestion: **DO NOT INDUCE VOMITING.** Never administer anything by mouth to an unconscious person. Rinse out mouth with water, then drink sips of water to remove taste from mouth. Seek immediate medical attention. Do not leave victim unattended. Vomiting may occur spontaneously. To prevent aspiration of swallowed product, lay victim on side with head lower than waist.

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Inhalation: Remove patient to fresh air. If patient continues to experience difficulty breathing, **CONSULT A PHYSICIAN**. If breathing is difficult, give oxygen. If breathing is ceased, apply artificial respiration using oxygen and a suitable mechanical device such as a bag and a mask.

Notes to Physician: All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water fog, carbon dioxide or dry chemical, aqueous foam.

Fire And Explosion Hazard: Do not weld on or near drums even if empty. Vapors are heavier than air and may travel along ground to a pilot light or other flame at a distant location.

Fire Fighting Equipment and Procedures: Wear full protective clothing and self-contained breathing apparatus for fire fighting. Isolate fuel supply from fire. Clear fire area of all non-emergency personnel. Use water spray to cool fire-exposed surfaces and containers.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use cautious judgment when cleaning up spill. Shut off leaks, if possible without personal risk. Wear suitable protective clothing, gloves and eye/face protection. Evacuate personnel to safe areas.

Environmental Precautions: Construct a dike to prevent spreading. Keep out of sewers, storm drains, surface waters, and soils.

Clean-up Methods: **Small spills:** Soak up with absorbent material such as clay, sand or other suitable non-reactive material. Place in leak-proof containers. Seal tightly for proper disposal. **Large spills:** Approach suspected leak areas with caution. Create a dike or trench to contain material. Remove with vacuum truck or pump to storage/salvage vessels.

Additional Information: Notify authorities if any exposures to the general public or environment occur or are likely to occur. Dispose in accordance with federal, state, and local regulations.

7. HANDLING AND STORAGE

Storage: Keep away from: acids, oxidizing agents, heat, or flames. Keep in cool, dry, well-ventilated area in closed containers. Protect containers from physical damage. Use explosion-proof ventilation to prevent vapor accumulation.

Handling (Personnel): To prevent skin and eyes contact under the foreseeable conditions of use, wear appropriate protective clothing and safety eyewear. When handling, do not eat, drink, or smoke. Wash thoroughly after handling. Avoid breathing fumes. Handle in a well-ventilated work area. Launder contaminated clothing before reuse.

Handling (Physical Aspects): Close container after each use. Keep away from heat, sparks and flames.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:	Chemical Names		ACGIH (TLV)	OSHA (PEL)
			(TWA)	(TWA)
	Oil mist, mineral		5 mg/m ³	10 mg/m ³
				5 mg/m ³

Engineering Controls: Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following traditional exposure techniques may be used to effectively minimize employee exposures.

Eye Protection: Avoid contact with eyes. Wear chemical splash goggles or safety glasses with side shield.

Hand Protection: Wear chemical-resistant gloves such as: Nitrile, neoprene, or butyl.

Skin and Body Protection: Wear chemical-resistant gloves and suitable long sleeved clothing are recommended.

Respirator Protection: Not required for properly ventilated areas. NIOSH or MSHA approved particulate filter respirators should be used in the context of respiratory protection program meeting the requirements of the OSHA respiratory protection standard [29 CFR 1910.134] to control exposures when ventilation or other controls are inadequate or

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discomfort or irritation is experienced. Respirator and/or filter cartridge selection should be based on American National Standards Institute (ANSI) Standards Z88.2 Practices for Respiratory Protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Thin fluid
Color:	Light pale
Odor:	Mild odor
Viscosity:	64.5 cSt – 71.5 cSt @ 40°C
Specific Gravity:	0.8652
Flash Point:	410°F (210°C) Open cup
Pour Point:	-18°F

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions To Avoid:	Incompatible chemicals, heat and open flame.
Materials To Avoid:	Strong oxidizing agents.
Hazardous Decomposition Products:	Normal combustion: carbon dioxide and water vapor. Incomplete combustion: carbon monoxide and toxic materials.
Hazardous Polymerization:	Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Oral (LD₅₀, Rat):	> 5.0 g/kg. OSHA: Non-toxic based on component (s).
Acute Dermal (LD₅₀, Rabbit):	> 5.0 g/kg. OSHA: Non-toxic based on component (s).
Acute Inhalation (LC₅₀, Rat):	N/E

Carcinogenic Classification: Industrial Oil: Not listed as a carcinogen by NTP, OSHA, ACGIH or IARC.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	This product has not been evaluated.
Chemical Fate Information:	This product is an oil. It is persistent and does not readily biodegrade. It does not bioaccumulate.

13. DISPOSAL CONSIDERATIONS

Waste Disposal:	Dispose of container and unused contents in accordance with local, state and federal regulations.
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14. TRANSPORTATION INFORMATION

US DOT:	Not Regulated For Transport.
IATA:	Not Regulated For Transport.
IMO:	Not Regulated For Transport.

15. REGULATORY INFORMATION

US FEDERAL REGULATIONS:

OSHA Hazard Communication Standard (29CFR 1910.1200):

This product is considered a hazardous chemical under this regulation.

Toxic Substances Control Act (TSCA) (40 CFR 710):

All chemical(s) comprising this product are either exempt or listed on the TSCA Inventory.



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EPA Reportable Quantities:

- Clean Water Act (40CFR Section 112): Not listed.
- CERCLA Hazardous Substance (40CFR Part 302, Table 302.4): Not listed.
- EPCRA Extreme Hazardous Substance (40CFR Section 302 Part 355): Not listed.

Hazard Category and Applicability of EPCRA Hazardous Substance Inventory Reporting (40CFR 370):
Not listed

Toxic Chemical Release Inventory (TRI) Reporting - (SARA Title III Section 313 (40 CFR 372) Component(s) above 'de minimus' level): Not listed

SARA Title III Hazard Classes (40CFR 370 Sections 311 and 312):

- Fire Hazard: No
- Reactive Hazard: No
- Release of Pressure: No
- Acute Health Hazard: No
- Chronic Health Hazard: No

US STATE REGULATIONS:

California - "Safe Drinking Water and Toxic Enforcement Act" (Proposition 65):

This product does not contain any chemicals that are known to the State of California to cause cancer and/or reproductive toxicity and other harm.

INTERNATIONAL REGULATIONS:

CANADA: Component(s) of this product is (are) listed on the Canadian DSL.

16. OTHER INFORMATION

Hazardous Material Information System (HMIS):	Health	0
	Flammability	1
	Physical Hazard	0
	Personal Protection	B

National Fire Protection Association (NFPA):	Health	0
	Flammability	1
	Reactivity	0
	Specific Hazard	

NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme Protective Equipment: Safety glasses, gloves

This Material Safety Data Sheet (MSDS) is prepared by Simpson Strong-Tie Co. in compliance with the requirements of OSHA 29 CFR Part 1910.1200. The information it contains is offered in good faith as accurate as of the date of this MSDS. This MSDS is provided solely for the purpose of conveying health, safety, and environmental information. No warranty, expressed or implied, is given. Health and Safety precautions may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations.

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