



MATERIAL SAFETY DATA SHEET

Health & Safety Information

Torco Power Slide Chain Lube

Product Part Number: T560000

MSDS Date: 05/10/2013

Section 1: Identification of the preparation and company

Preparation/Product Name	Torco Power Slide Chain Lube
Product Code	T560000
Product Category (Aerosol)	Chain Lube
Company Name	TORCO INTERNATIONAL CORP. 9145 MILLIKEN AVENUE RANCHO CUCAMONGA, CA 91730
Telephone No.	(909) 980-1495
24 hour Emergency Telephone No.	(800) 424-9300
General MSDS	(909) 980-1495

Section 2: Hazardous Ingredients

Ingredient	%	OSHA PEL	TLV PPM	TLV Mg/m ³	LEL	CAS Number
Heptane	40-45	500	300			Mixture
White Lithium Grease	20-25	500	300			64742-52-5
Hydrocarbon Propellant -	15-20					68476-86-8
Iso-Butane			800			
Propane			1000			

Section 3: Physical Data

Boiling Range	Propellant Below	0.0° F
Vapor Density		
Evaporation Rate	Faster than ETHER	*Propellants
Percent Volatile By Weight	83.0%	
Weight Per Gallon	6.09 (conc.)	
Maximum Incremental Reactivity	N/A	

Section 4: Fire and Explosion Hazard Data

Category	Consumer Commodity, ORM-D, (T.O.C.)
Flash Point	Propellant below 20°F
LEL	See Section 2
Extinguishing Media	Carbon dioxide, dry chemical or foam
Fire and Explosion	Do not spray near open flame. Keep at room temperature as exposure to direct

Hazards	sunlight or other heat may cause bursting.
Special Fire Fighting Procedures	Water may be ineffective. Water may be used to keep fire containers cool.

Section 5: Health Hazard Data

Threshold Limit Value	See Section 2: Hazardous Ingredients
Effects of Overexposure	In a confined area, vapors in high concentration are anesthetic. Irritant to skin and upper respiratory system. Over-exposure may result in light-headedness, staggering gait, giddiness and possible nausea. Harmful or fatal if swallowed.
Chronic	Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage, also kidney and liver damage.
Medical Conditions Prone to Aggravation by Exposure	None established
Routes of Entry	
<i>Inhalation</i>	Yes
<i>Skin</i>	Yes
<i>Ingestion</i>	Yes
Emergency and First Aid Procedures	
<i>Breathing</i>	Remove patient to fresh air.
<i>Eyes</i>	Flush with water for at least 15 minutes.
<i>Skin</i>	Wash with soap and water.
<i>Swallowing</i>	Call physician immediately. Do not induce vomiting.

Section 6: Reactivity Data

Stability	Stable
Conditions to avoid	Do not store above 120°F
Incompatibility	None
Hazardous Decomposition Products	Burning produces carbon monoxide and carbon dioxide
Hazardous Polymerization	Will not occur

Section 7: Spill or Leak Procedures

Steps to be taken in case material is released or spilled	Remove all sources of ignition, ventilate, avoid breathing vapors and remove with inert absorbent.
Waste disposal method	Do not incinerate. Dispose in accordance with federal, state and local regulations regarding pollution.

Section 8: Special Protection Information

Respiratory Protection	Avoid breathing of vapor or spray mist. If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.
Ventilation	Provide local exhaust ventilation in volume and pattern to keep TLV of all hazardous ingredients in Section 2 below acceptable limit, and LEL in Section 2 below stated limit.
Skin Protection	Protective gloves and clothing are recommended when prolonged contact with the concentrated material may occur.
Eye Protection	For prolonged use in close quarters recommend safety glasses with unperforated sideshields.
Other Protective Equipment	

Section 9: Special Precautions

Precautions to be taken in handling and storing	Do not store above 120° F. Keep at room temperature as exposure to direct sunlight or heat may cause bursting.
Other Precautions	Keep away from children. Do not puncture or incinerate. Do not spray near fire or open flame.

Section 10: Regulatory & Transportation

US DOT	Shipping Name: Consumer Commodity Class: ORM-D
IMDG (OCEAN)	Shipping Name: Consumer Commodity ORM-D UN No. 1950 Hazard Class: 2.1 Label: None Marine Pollutant: No
IATA (AIR)	Shipping Name: Consumer Commodity, ID 8000, Air UN No.: None Hazard Class: 9 Packaging Instruction: 910 Quantity: No. of "fiberboard boxes" x total wt. in kg Handling: 2004 ERG 171

Section 11: Other Information

HMIS	Health:	2
	Fire:	3
	Physical Hazards:	0
	PPE:	G

This information was derived from current data and the works and opinions of persons believed to be qualified experts. To the best of our knowledge, it is believed to be accurate to the best of Torco International Corporation

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End of Material Safety Data Sheet