

# DUMONDE TECH LITE BICYCLE CHAIN LUBE

## SDS/Material Safety Data Sheet

02/26/2018

Supersedes Date 10/13/2010

### Section I. Chemical Product and Company Identification

<b>Product Name/Trade Name</b> DUMONDE TECH LITE BICYCLE CHAIN LUBE		<b>Product ID No.</b> Dumonde Tech 7215 HGMR DISTRIBUTOR 2014, 2032, 2015, 2016, 2017, 2018
<b>Supplier</b> Dumonde Design Group Inc. P.O. BOX 3262 KIRKLAND, WASHINGTON 98083-3262	<b>Synonym(s)</b> None	<b>Emergency Contact</b>  For Chemical Emergency, Spill, Leak, Fire, Exposure or Accident, Call NORTH AMERICA <b>206-755-1757</b>  <b>Non-Emergency 206-755-1757</b> Contact for Distributor HGMR 888-609-4467
<b>Product Description</b> Hydrocarbons		
<b>Chemical Formula</b> Mixture		
<b>Material Uses</b> BICYCLE CHAIN LUBRICATION		

### Section II. Hazards Identification

Color: YELLOW

**Emergency Overview** Potential health risks vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.

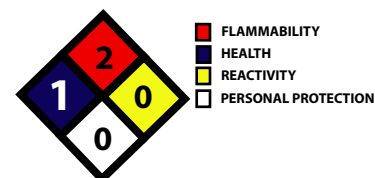
#### Potential Health Effects:

**Eye Contact** May cause slight irritation  
Immediately flush eyes with water and continue for several minutes. Obtain medical attention.

**Skin Contact** Remove contaminated clothing. Wash skin with soap and water.  
Obtain medical attention if irritation persists. Wash clothing before re-use.

**Ingestion** **DO NOT INDUCE VOMITING.**  
Do not give anything to drink.  
Obtain medical attention without delay.

**Inhalation** Remove to fresh air. Give artificial respiration if not breathing.  
If breathing is difficult, qualified personnel may give oxygen.  
Obtain medical attention.



IRRITATION

### Section III. Composition and Information on Ingredients

NAME	PEL/TLV, Source	CAS#	Concentration%	LVP-VOC/VOCs
FATTY ESTER		PROPRIETARY	20-50	Exempt
POLYMER		PROPRIETARY	20-60	Exempt
PROPRIETARY FORMULA		PROPRIETARY	7-28	Exempt
PROPRIETARY FORMULA		PROPRIETARY	5-15	< 13 %

THIS PRODUCT IS CLASSIFIED UNDER CALIFORNIA  
VOC REGULATIONS AS "SOLELY FOR THE USE ON  
CHAINS ON CHAIN-DRIVEN VEHICLES

## Section III. Hazards Identification (cont'd)

HMIS Code				<b>HAZARD RATINGS</b>	
	Health:	<b>1</b>	Fire:	<b>2</b>	Physical Hazard: <b>0</b>
				0 Minimal Hazard	3 Serious Hazard
				1 Slight Hazard	4 Severe Hazard
			2 Moderate Hazard		

## Section IV. First Aid Measures

<b>Eye Contact</b>	Immediately flush eyes with water and continue for several minutes. Obtain medical attention.
<b>Skin Contact</b>	Remove contaminated clothing. Wash skin with soap and water. Obtain medical attention if irritation persists. Wash clothing before re-use.
<b>Ingestion</b>	<b>DO NOT INDUCE VOMITING.</b> Do not give anything to drink. Obtain medical attention without delay.
<b>Inhalation</b>	Remove to fresh air. Give artificial respiration if not breathing. If breathing is difficult, qualified personnel may give oxygen. Obtain medical attention.

## Section V. Fire and Explosion Data

<b>Autoignition Temperature</b>	Not available	<b>Sensitivity to Impact</b>	Not available
<b>Flash Point</b>	$\geq 53.33^{\circ}\text{C} \geq (128^{\circ}\text{F})$	<b>Sensitivity to Static Discharge</b>	Not available
<b>Flammable Limits (Approx.)</b>	<b>LOWER</b> Flammable Limit: Not available	<b>UPPER</b> Flammable Limit:	Not available
<b>Explosion Hazards</b>	See Lower and Upper Flammable Limits		
<b>Products of Combustion</b>	Carbon monoxide, carbon dioxide, and as irritating smoke vapors products of incomplete combustion.		
<b>Fire Fighting Media Instructions</b>	Dry chemical, alcohol foam and carbon dioxide type extinguishing agents may all be suitable for extinguishing fires involving this type of product, depending on the size or potential size of fire and circumstances related to the situation. Plan fire protection and response strategy through consultation with local fire protection authorities or appropriate specialists. The following procedures for this type of product are based on the recommendations in the National Fire Protection Association's Fire Protection Guide on Hazardous Materials. Use water to keep fire-exposed containers cool. If a leak or spill has not ignited, use water spray to disperse the vapors and to provide protection for men attempting to stop a leak. Water spray may be used to flush spills away from explosives. Firefighters should wear full protective gear, including helmet. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.		
<b>Special Remarks - Fire and Explosion Hazards</b>	For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus. Leaks/ruptures in high-pressure systems using materials of this type can create a fire hazard when in the vicinity of ignition sources (open flame, pilot lights, sparks or electric arcs).		

## Section VI. Accidental Release Measures

<b>Release or Spill</b>	Remove sources of ignition. Recover free product. Add sand, earth, or other suitable absorbent material to the spill area. Minimize breathing vapors. Minimize skin contact. Open all windows and doors. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if the product has entered or may enter sewers, watercourses, or extensive land areas.
<b>Environmental Impact</b>	Report spills as required to the appropriate authorities. U.S Coast Guard Regulations require immediate reporting of spills that could reach any waterway including intermittent dry creeks. Report spill to the Coast Guard toll-free number 800-424-8802.

## Section VII. Handling and Storage

<b>Handling</b>	Container is not designed to contain pressure. Do not use pressure to empty container or it may rupture with explosive force. "Empty" containers retain product residue and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition as they may explode and can cause injury or death. Empty container should be promptly returned to a drum reconditioner. Electrically bond and ground all containers and equipment.
<b>Storage</b>	Do not use in high-pressure systems in the vicinity of flames, sparks, and hot surfaces. Keep container closed. Store in a cool, dry place. Do not store near heat, sparks, open flame, pilot lights, static electricity, or where temperature may exceed 120°F (49°C). Keep out of reach of children.

## Section VIII. Exposure Controls and Personal Protection

<b>Respiratory Protection</b>	Use respiratory protection if needed to keep airborne levels below recommended oil mist exposure limits.
<b>Ventilation</b>	Use in a well-ventilated area. See Engineering Controls.
<b>Protective Gloves</b>	Wear lined non-permeable rubber gloves.
<b>Eye Protection</b>	Chemical splash goggles or face shield in compliance with OSHA regulations are advised when eye contact may occur.
<b>Personal Hygiene</b>	Wash skin thoroughly after contact, before breaks and meals and at end of work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.
<b>Engineering Controls</b>	If user operations generate an oil mist, use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below the recommended oil mist exposure limits.
<b>Exposure Limit</b>	5 mg/m <sup>3</sup> (oil mist) OSHA, for total product; see Section II for component exposure limit(s).

## Section IX. Physical and Chemical Properties

<b>Appearance/Odor</b>	Yellow-colored with mild sweet odor	<b>Vapor Pressure</b>	Not available
		<b>Vapor Density</b>	Not available
<b>Odor Threshold</b>	Not available	<b>Percent Volatile</b>	Not available
<b>Specific Gravity</b>	Not available	<b>Evaporation Rate</b>	Not available
<b>Density</b>	Not available	<b>Viscosity</b>	Not available
<b>Molecular Weight</b>	Not available	<b>Solubility in Water</b>	Negligible
<b>pH</b>	Not available	<b>Coefficient of Water/Oil Distribution</b>	Not available
<b>Boiling Point</b>	Not available	<b>Physical State</b>	Liquid
<b>Freezing/Melting Point</b>	Not available		

## Section X. Stability and Reactivity Data

<b>Stability</b>	Stable under normal temperatures and pressures.
<b>Conditions of Instability</b>	Not available
<b>Conditions of Reactivity</b>	Not available
<b>Conditions and Materials to Avoid</b>	Avoid heat, open flames, strong acids, strong bases, and oxidizing materials.
<b>Hazardous Polymerization</b>	Hazardous polymerization will not occur.
<b>Hazardous Decomposition Products</b>	Carbon monoxide, carbon dioxide, oxides of nitrogen, smoke and irritating vapors as products of incomplete combustion.

## Section XI. Toxicological Information

<b>Routes of Entry</b>	Dermal contact, eye contact, inhalation, ingestion.
<b>Toxicity to Animals</b>	Not available
<b>Effects of Acute Exposure</b>	Not available
<b>Acute Effects of Sensitization</b>	Not available
<b>Ingestion</b>	Not available
<b>Inhalation</b>	Not available
<b>Toxically Synergistic Products</b>	Not available
<b>Chronic Effects on Humans:</b>	
<b>Carcinogenic Effects</b>	This product does not contain a carcinogen or potential carcinogen as listed by NTP, IARC, or OSHA [29 CFR 1910.1200(D)#4].
<b>Mutagenic Effects</b>	No data available to indicate any components present at greater than 0.1% may present a mutagenic hazard.

## Section XI. Toxicological Information (cont'd)

<b>Teratogenic Effects</b>	No data available to indicate any components present at greater than 0.1% may present a teratogenic hazard.
<b>Reproductive Effects</b>	No data available to indicate any components present at greater than 0.1% may present a reproductive hazard.

## Section XII. Ecological Information

Ecotoxicity	There is no data available on the adverse effects of this material on the environment.
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## Section XIII. Disposal Considerations

Waste Disposal	Consult federal, state or local authorities for proper disposal and reporting procedures. All disposals must comply with federal, state and local regulations.
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## Section XIV. Transportation Information

**LAND (DOT):** Not Regulated for Land  
**LAND (TDG):** Not Regulated for Land  
**SEA (IMDG):** Not Regulated for Sea Transport according to IMDG-Code  
**AIR (IATA):** CAN NOT BE SHIPPED BY AIR.

## Section XV. Regulatory Information

<b>U.S. Federal Regulations: CERCLA</b>	These materials are not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)
<b>SARA (Section 313)</b>	These materials are not subject to any special reporting under the requirements of the SARA (section 313)
<b>SARA Extremely Hazardous List</b>	This product contains greater than 1.0% of the following chemical(s) on the SARA Extremely Hazardous Substances List: None
<b>TSCA Inventory</b>	All components of this material are on the U.S. TSCA Inventory.
<b>California Prop. 65</b>	This product contains the following chemical(s) known to the State of California to cause birth defects or other reproductive harm: None
<b>California (CARB)</b>	<b>This product is defined as (SOLELY FOR THE USE ON CHAINS ON CHAIN-DRIVEN VEHICLES)</b>
<b>International Regulations:</b>	
<b>Canada</b>	All components are in compliance with the Canadian Environmental Protection Act. This product has been classified in accordance with the hazard criteria of the CPR and this MSDS contains all the information required by CPR.
<b>Japan MITI</b>	Not available
<b>Australia</b>	Not available
<b>Switzerland</b>	Not available

## Section XVI. Other Information

<b>Approval Date</b>	<b>02/26/2018</b>
<b>Supersedes Date</b>	<b>10/13/2010</b>
<b>Prepared by</b>	Dumonde Design Group Inc. 206-755-1757
<b>Sections Revised Since Last Version</b>	10/13/2010

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\*\*\*\*\*END OF MSDS\*\*\*\*\*

02/26/2018