

DUMONDE TECH LITE BICYCLE CHAIN LUBE

02/26/2018

Supersedes Date 10/13/2010

SDS/Material Safety Data Sheet

Section I. Chemical Product and Company Identification

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

Section II. 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

LC₅₀, LD₅₀ of Ingredients Not available

Section III. 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.

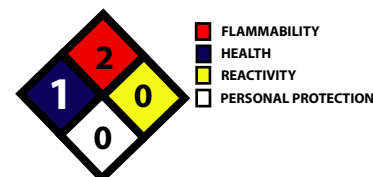
Potential Health Effects:

Eye Contact 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

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Section III. Hazards Identification (cont'd)

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

Section IV. First Aid Measures

Eye Contact	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.

Section V. Fire and Explosion Data

Autoignition Temperature	Not available	Sensitivity to Impact	Not available
Flash Point	$\geq 53.33^{\circ}\text{C} \geq (128^{\circ}\text{F})$	Sensitivity to Static Discharge	Not available
Flammable Limits (Approx.)	LOWER Flammable Limit: Not available	UPPER Flammable Limit:	Not available
Explosion Hazards	See Lower and Upper Flammable Limits		
Products of Combustion	Carbon monoxide, carbon dioxide, and as irritating smoke vapors products of incomplete combustion.		
Fire Fighting Media Instructions	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.		
Special Remarks - Fire and Explosion Hazards	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

Release or Spill	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.
Environmental Impact	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

Handling	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.
Storage	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

Respiratory Protection	Use respiratory protection if needed to keep airborne levels below recommended oil mist exposure limits.
Ventilation	Use in a well-ventilated area. See Engineering Controls.
Protective Gloves	Wear lined non-permeable rubber gloves.
Eye Protection	Chemical splash goggles or face shield in compliance with OSHA regulations are advised when eye contact may occur.
Personal Hygiene	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.
Engineering Controls	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.
Exposure Limit	5 mg/m ³ (oil mist) OSHA, for total product; see Section II for component exposure limit(s).

Section IX. Physical and Chemical Properties

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

Section X. Stability and Reactivity Data

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

Section XI. Toxicological Information

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

Section XI. Toxicological Information (cont'd)

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

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

Section XVI. Other Information

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

NOTICE

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

02/26/2018