

DUMONDE TECH PRO X BIO-BIKE CLEANER

Approval Date 03/25/2018

Supersedes Date NONE

Safety Data Sheet

Section I. Chemical Product and Company Identification

Product Name/ Trade Name	Dumonde Tech Pro X Bio-Bike Cleaner	Product: Dumonde: PX8001, PX8002, ID No. PX8003, PX8004 MLAS: SAME
Supplier	Dumonde Design Group Inc. P.O. BOX 3262 KIRKLAND, WASHINGTON 98083-3262	Emergency Contact For Chemical Emergency, Spill, Leak, Fire, Exposure or Accident, Call NORTH AMERICA 206-755-1757
Synonym(s)	None	Non-Emergency 206-755-1757 Contact
Product Description	Bicycle Cleaner	USA: My Life at Speed 425-861-7514
Chemical Formula	Mixture	
Material Uses	Bicycle Cleaner	

Section II Hazards Identification

Emergency Overview	Potential health risks vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized. Non-Corroive, Non-Toxic, does not pose any known acute or chronic physical hazards.	 FLAMMABILITY HEALTH REACTIVITY PERSONAL PROTECTION
Carcinogenic	NTP or OSHA does not consider this product a carcinogen.	
Potential Health Effects:		
Eye Contact	May cause slight irritation and redness.	  IRRITATION
Skin Contact	Prolonged or repeated skin contact may cause mild irritation.	
Ingestion	While this product Non-Toxic per Consumer Product Safety Commission and FHSA Standards. Ingestion may cause irritation of the digestive tract.	
Inhalation	Not expected to present an inhalation exposure risk at ambient temperatures. If vapors or mists are created upon heating or by mechanical means, vapors or mists may be produced which may cause irritation of the breathing passages. Aspiration may cause pulmonary edema or aspiration pneumonia.	

Section III. Composition and Information on Ingredients

NAME	PEL/TLV, Source	CAS#	Concentration%	LVP-VOC/VOCs
Sodium metasilicate-pentahydrate	2 MG/M3 8HRTWA AS NOAH	6834-92-0	< 4%	
Dipropylene Glycol n-Butyl Ether	25 ppm SKIN	111-76-2	< 5%	
Proprietary	Not available	Proprietary	< 1%	
Proprietary	Not available	Proprietary	>12%	

NOTE:

This product is categorized as Single Purpose Bicycle Cleaner

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Section IV. First Aid Measures

Eye Contact	Remove contact lenses, if wearing, and flush eyes with water for 20 minutes. If irritation persists, consult a physician.
Skin Contact	Remove clothing and shoes, if contaminated. Wash skin with soap and water. Wash or clean contaminated clothing before reuse. If irritation persists, consult a physician.
Ingestion	If swallowed, Drink large quantities of water. Call physician immediately
Inhalation	Remove to fresh air immediately. If irritation persists, contact physician.

Section V. Fire and Explosion Data

Flammability of product	Non Flammable	Sensitivity to Impact	Not available
Flash Point	None	Sensitivity to Static Discharge	Not available
Extinguishing Media	Dry chemical, water fog, sand, 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.		
Fire Hazards in the presence of other chemicals	Not Determined		
Other Fire Hazards	None Expected		

Section VI. Accidental Release Measures

Release or Spill	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. Rinse any residue to avoid slippery conditions.
Large Spills	Non-flammable material. Wear chemical resistant gloves, boots and goggles. Stop the source of the spill, contain, collect the spill using mechanical means. Waste disposal method: Fully water-soluble. Follow local, state and federal regulations.

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.
Storage	Keep container closed. Store in a cool, dry place.

NOTE: KEEP OUT OF REACH OF CHILDREN

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Section VIII. Exposure Controls and Personal Protection

Ventilation	Use in a well-ventilated area. See Engineering Controls.
Protective Clothing	Chemical resistant aprons and suits are optional for those with dermatological sensitivity.
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	No control measures are required under normal conditions. If large quantities are involved use NIOSH or MSHA approved respirator. Limited personal exposures exist with this product. Always keep airborne vapors below TLV limits. Ensure that proper work-station safety mechanisms are operative and tested including showers and eyewash stations.

Section IX. Physical and Chemical Properties

Appearance/Odor	Transparent-colored with mild 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	COMPLETE
pH	Not available	Coefficient of Water/Oil Distribution	Not available
Boiling Point	> 200° F.	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.
Corrosivity	Non-corrosive

Section XI. Toxicological Information

Routes of Entry	Dermal contact, eye contact, inhalation, ingestion.
Toxicity to Animals	Non Toxic
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:	None known
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],

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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 Non-toxic to Aquatic Organisms

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. Rinse residue to avoid slippery conditions.

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): Not Regulated for Air Transportation

Section XV. Regulatory Information

U.S. Federal Regulations: 2 Butoxyethanol

CERCLA This chemical is subject to S.A.R.A. Title 111 section 313 part 372 reporting. The hazard communication standard requires that mixtures such as this product be assumed to present the same health hazards, as do the components that constitute at least 1% of the mixture. OSHA has, however, noted the the health hazards of the individual components may be reduced or altered by including them in a mixture.

SARA (Section 313) 2 Butoxyethanol
This chemical is subject to S.A.R.A. Title 111 section 313 part 372 reporting. The hazard communication standard requires that mixtures such as this product be assumed to present the same health hazards, as do the components that constitute at least 1% of the mixture. OSHA has, however, noted the the health hazards of the individual components may be reduced or altered by including them in a mixture.

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

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

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Prepared by Dumonde Design Group Inc. 206-755-1757

Sections Revised Since Last Version

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*****END OF SDS/MSDS*****