

MATERIAL SAFETY DATA SHEET
DUMONDE DESIGN GROUP INC.

1.Chemical Product and Company Identification

Product Name.....Dumonde Tech Lite Bicycle Chain Lubrication
Product Name.....Dumonde Tech Original Bicycle Chain Lubrication
Product Code.....7115
Product Description.....Fatty Ester, Polymer, Isoparaffinic, Keytone

Dumonde Design Group Inc.
PO Box 3262
Kirkland,WA 98083-3262

Emergency Telephone Numbers
Transportation Information
Dumonde Design Group Inc 425-806-0948

2.Composition/Information on Ingredients

<u>Principle Components</u>	<u>CAS#</u>	<u>Percentage by Weight</u>
Fatty Ester	Proprietary	20-85
Polymer	Proprietary	20-60
Isoparaffinic	Proprietary	7-40
Ketone	Proprietary	1-15

This product is hazardous as defined in 29 cfr 1910.1200

OSHA Hazard
Combustible

3.Hazards Identification

Emergency Overview:

Light Blue-Green, Yellow or Orange
Sweet Pleasant Odor
Physical State: Liquid

Effects of Single Overexposure:

Swallowing:

Moderately toxic
May cause irritation of the mouth and throat, abdominal discomfort, nausea, vomiting and diarrhea.
Headache may occur.
Dizziness and drowsiness may occur.
Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to sever pulmonary injury, possibly progressing to death.

Skin Absorption:

Frequent or prolonged contact may irritate and cause Dermatitis.

Low order of toxicity.

Skin contact may aggravate an existing Dermatitis condition.

Inhalation:

High Vapor/Aerosol concentrations cause irritation to the eyes and respiratory tract and may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness and other central nervous system effects, including death.

Eye Contact:

May cause mild discomfort.

Excess redness of conjunctiva may occur.

4. First Aid Measures**Swallowing:****DO NOT INDUCE VOMITTING.**

Do not give anything to drink.

Obtain medical attention without delay.

Skin:

Remove contaminated clothing.

Wash skin with soap and water.

Obtain medical attention if irritation persists.

Wash clothing before re-use.

Inhalation:

Remove to fresh air.

Give artificial respiration if not breathing

If breathing is difficult, qualified personnel may give oxygen.

Obtain medical attention.

Eyes:

Immediately flush eyes with water and continue washing for several minutes

Obtain medical attention.

Note to Physician:

There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient. Any material aspirated during vomiting may cause lung injury. Therefore, emesis should not be induced mechanically or pharmacologically. If it is considered necessary to evacuate the stomach contents, this should be done by means least likely to cause aspiration (e.g., gastric lavage after endotracheal intubation).

5. Fire Fighting Measures

Flash Point:	128 Deg. F. PMCC
Flammable Limits:	Not Known
Flammability Classification:	Combustible per 29 CFR 1' 920.1200

General Hazard:

Combustible liquid can form combustible mixtures at temperatures at or above the flash point.

Static discharge, material can accumulate static charges, which can cause an incendiary electrical discharge.

“Empty” containers retain product residue (liquid and/or vapor) 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; they may explode and cause injury or death.

Empty drums should be completely drained, properly bunged and promptly returned to a drum re-conditioner or properly disposed of.

Fire Fighting:

Use Water spray to cool fire exposed surfaces and to protect personnel.

Isolate “fuel” supply from fire.

Use foam, dry chemical or water spray to extinguish fire.

Avoid spraying water directly into storage containers due to danger of boil over.

This liquid is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.

6. Accidental Release Measures

Land Spill:

Eliminate sources of ignition.

Prevent additional discharge of material, if possible to do so without hazard.

For small spills implement cleanup procedures.

For large spills implement cleanup procedures and, if in a public area, keep public away and advise authorities.

Prevent liquid from entering sewers, watercourses or low areas.

Contain spilled liquid with sand or earth.

Do not use combustible materials such as sawdust.

Recover by pumping (use an explosion proof or hand pump) or with a suitable absorbent.

Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

8.Exposure controls/personal protection

Exposure controls:

The use of mechanical dilution ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperatures, or is agitated.

Personal protection:

For open system where contact is likely, wear safety glasses with side shield, long sleeves and chemical resistant gloves.

Where contact may occur, wear safety glasses with side shields.

Where concentrations in air may exceed the limits given in the section and engineering, work practice or other means of exposure reduction are not adequate, NIOSH/MSHA approved respirators may be necessary to prevent overexposure by inhalation.

9.Physical and Chemical Properties

Physical State	Liquid
Color	Blue-Green, Yellow or Orange
Odor	Sweet Pleasant
Specific Gravity	Undetermined
Solubility in water	2.5 to 7 percent
pH	Undetermined
Vapor pressure	Undetermined
Vapor Density	Undetermined
Boiling point	Undetermined
Percentage volatile	Undetermined

10.Stability and Reactivity

Stable

Conditions to avoid instability:

Moderate risk of peroxide formation.

Moderate peroxide hazard on storage and concentration.

Inhibitor not been added to mitigate peroxide hazard.

Hazardous polymerization:

Will not occur.

Conditions to avoid hazardous polymerization:

Not available.

Materials and conditions to avoid incompatibility:

Strong oxidizing agents.

Hazardous decomposition products:

None

11. Toxicological Information

Please call the non-emergency telephone number on page 1 if information is required.

12. Ecological information

Please call the non-emergency telephone number of page 1 if information is required.

13. Disposal Considerations:

Please refer to sections 5,6 and 15 for disposal and regulatory information.

14. Transportation Information

Department of Transportation (DOT)

DOT Shipping Description: Petroleum Distillate, N.O.S., Combustible Liquid UN1268, III

Note: In containers of 119 Gallons capacity or less this product is not regulated by DOT.

15. Regulatory Information

Clean Water Act/Oil Pollution Act:

This product is classified as an oil under section 311 of the Clean Water Act (40 CFR 110) and The Oil Pollution Act of 1990. Discharge or spills which produce a visible sheen on either surface water, or in waterways/sewers which lead to surface water, must be reported to the national center at 800-424-8802.

CERCLA:

If this product is accidentally spilled, it is not subject to any special reporting under the requirements of the comprehensive environmental response, compensation and liability act. We recommend you contact local authorities to determine if there may be other local reporting requirements.

16. Other Information

MSDS Date	November 24, 1998
Last Revision	October 13, 2010
Reason for Revision	Formula Change

Hazardous Materials Information Systems (HMIS) Rating

Health	1
Flammability	2
Reactivity	1

NOTICE ON FOLLOWING PAGE

NOTICE

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