



Assembly Lube (Anti-Seize)

SAFETY DATA SHEET

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) & 1272/2008 (CLP)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier	
GHS Product Identifier	Not applicable.
Chemical Name	Not applicable.
Trade name	Assembly Lube (Anti-Seize)
CAS No.	Mixture
EINECS No.	Mixture
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Identified use(s)	Lubricant
Uses advised against	None.
1.3 Details of the supplier of the safety data sheet	
Company Identification	Finish Line Technologies, Inc. 50 Wireless Blvd. Hauppauge, NY 11788 USA
Telephone	+1 (631) 666-7300
Fax	+1 (631) 666-7391
E-Mail (competent person)	SDSinfo@finishlineusa.com
Distributor	Madison Cycles 8 Stanmore Hill Stanmore, Middlesex, HA7 3BQ United Kingdom +44 870 034 7226
Telephone	
1.4 Emergency telephone number	
Emergency Phone No.	PROSAR 24 hr: 1-800-217-5157 / 1-651-523-0304 & CHEMTREC 24 hr: 1-800-424-9300 / 1 (703) 527- 3887 (Collect calls accepted)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
Regulation (EC) No. 1272/2008 (CLP).	Aquatic Acute 1; Aquatic Chronic 2
2.2 Label elements	
Hazard Symbol	
Signal word(s)	Warning
Hazard statement(s)	H400: Very toxic to aquatic life. H411: Toxic to aquatic life with long lasting effects.
Precautionary statement(s)	P273: Avoid release to the environment. P302+P352: IF ON SKIN: Wash with plenty of soap and water. P102: Keep out of reach of children.
2.3 Other hazards	None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Regulation (EC) No. 1272/2008 (CLP).

Hazardous ingredient(s)	%W/W	EC No. and CAS#	According to Regulation (EC) No. 1272/2008 (CLP)
Copper Powder	20-40	231-159-6 7440-50-8	Aquatic Acute 1; H400 Aquatic Chronic 3; H412
Zinc Oxide	5-15	215-222-5 1314-13-2	Aquatic Acute 1; H400 Aquatic Chronic 1; H410

For full text of H/P phrases see section 16.

SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation	Move person to fresh air. If breathing is laboured, administer oxygen. If symptoms develop, obtain medical attention.
Skin Contact	Wash affected skin with soap and water. If symptoms develop, obtain medical attention.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. If symptoms occur obtain medical attention.
Ingestion	Do not induce vomiting wash out mouth with water. Do not give anything by mouth to an unconscious person. Seek medical treatment.

4.2 Most important symptoms and effects, both acute and delayed None known.

4.3 Indication of the immediate medical attention and special treatment needed None

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media	
-Suitable Extinguishing Media	Extinguish with carbon dioxide, dry chemical, foam or waterspray.
-Unsuitable Extinguishing Media	Do not use water jet.
5.2 Special hazards arising from the substance or mixture	None known.
5.3 Advice for fire-fighters	A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water if exposed to fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures Wear protective gloves/eye protection.

- 6.2 **Environmental precautions** Avoid run off to waterways and sewers.
- 6.3 **Methods and material for containment and cleaning up** Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.
- 6.4 **Reference to other sections** None

SECTION 7: HANDLING AND STORAGE

- 7.1 **Precautions for safe handling** Avoid contact with skin and eyes. When using do not eat, drink or smoke.
- 7.2 **Conditions for safe storage, including any incompatibilities**
 - Storage Temperature Store at room temperature.
 - Incompatible materials Strong oxidising agents.
- 7.3 **Specific end use(s)** Lubricant

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 **Control parameters**
- 8.1.1 **Occupational Exposure Limits**

SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note:
Copper dusts and mists	7440-50-8	-----	1	-----	2	UK - EH40
Zinc Oxide, fume or respirable dust	1314-13-2	-----	5	-----	10	UK - EH40

Biological limit value						
Limit value type (country of origin)	SUBSTANCE.	CAS No.	Biological limit value	Note:		
None known	None	-----	None	None		

- 8.1.2 **Recommended monitoring method** NIOSH 7300 (Elements)
- 8.2 **Exposure controls**
- 8.2.1 **Appropriate engineering controls** Not normally required.
- 8.2.2 **Personal protection equipment**
 - Eye/face protection  Wear chemical resistant protective eye glasses.
 - Skin protection (Hand protection/ Other)  Wear protective gloves. (Nitrile rubber)
 - Respiratory protection  Normally no personal respiratory protection is necessary.
 - Thermal hazards  Not normally required.
- 8.2.3 **Environmental Exposure Controls** None assigned.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 **Information on basic physical and chemical properties**



Assembly Lube (Anti-Seize)

Appearance	Paste
Colour	Copper
Odour	Slight petroleum
Odour Threshold (ppm)	Not available
pH (Value)	Not available
Melting Point (°C) / Freezing Point (°C)	Not available
Boiling point/boiling range (°C):	Not available
Flash Point (°C)	>100
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Explosive limit ranges	Not available
Vapour Pressure (Pascal)	Not available
Vapour Density (Air=1)	Not available
Density (g/ml)	Not available
Solubility (Water)	Insoluble
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Temperature (°C)	Not available
Decomposition Temperature (°C)	Not available
Kinematic Viscosity (cSt @40°C)	Not available
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.
9.2 Other information	Not available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions.
10.2 Chemical stability	Stable.
10.3 Possibility of hazardous reactions	None anticipated.
10.4 Conditions to avoid	None known
10.5 Incompatible materials	Strong oxidising agents
10.6 Hazardous Decomposition Product(s)	None known

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects	
11.1.1 Substances	Not applicable
11.1.2 Mixtures - By analogy with similar materials:	
Acute toxicity	Not to be expected.
Skin corrosion/irritation	Not to be expected.
Serious eye damage/irritation	Not to be expected.
Respiratory or skin sensitization	Not to be expected.
Germ cell mutagenicity	Not to be expected.
Carcinogenicity	Not to be expected.
Reproductive toxicity	Not to be expected.
STOT - single exposure	Not to be expected.
STOT - repeated exposure	Not to be expected.
Aspiration hazard	Not available
11.1.3 Substances in preparations / mixtures	Not to be expected.
11.2 Other information	None known.

SECTION 12: ECOLOGICAL INFORMATION

Substances in preparations / mixtures

Zinc oxide (CAS # 1314-13-2)

12.1 Toxicity	
Short term	LC50 (96 hour): 1.793 mg/L (Danio rerio) EC50 (48 hour): 2.6-9 mg/l (<i>Daphnia magna</i> , mobility)



Assembly Lube (Anti-Seize)

	Long Term (By analogy with similar materials)	IC50 (96 hour): 0.136 mg/l (<i>Pseudokirchnerella subcapitata</i>) NOEC (30 days) 0.0 75 mg/l (<i>Jordanella floridae</i>) NOEC (21 days): 0.156 mg/l (<i>Daphnia magna</i>) NOEL (96 hour) 0.06 mg/l (Algae)
12.2	Persistence and degradability	This substance is predicted not to degrade in soil and water.
12.3	Bioaccumulative potential	The product has low potential for bioaccumulation.
12.4	Mobility in soil	The substance has low mobility in soil.
12.5	Results of PBT and vPvB assessment	Not classified as PBT or vPvB.
12.6	Other adverse effects	None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods	Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.
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SECTION 14: TRANSPORT INFORMATION

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO/IATA)
14.1	UN number	3082	3082
14.2	Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Copper, Zinc Oxide)	
14.3	Transport hazard class(es)	9	9
14.4	Packing Group	III	III
14.5	Environmental hazards	Marine Pollutant	
14.6	Special precautions for user		
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Not applicable	

SECTION 15: REGULATORY INFORMATION

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture:	
15.1.1	EU regulations	Listed
	Regulation (EC) 2037/2000 - Dangerous to the ozone layer.	No.
	Regulation (EC) 850/2004 - Persistent Organic Pollutants	No.
	Regulation (EC) 689/2008 - Export/Import of Dangerous Chemicals	No.
	Regulation (EC) 1907/2006 - REACH Authorisations and/or restrictions on use	No.
15.1.2	National regulations	Not established.
15.2	Chemical Safety Assessment	Not applicable

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1 - 16.

Hazard statement(s) and Precautionary statement(s):

- H400: Very toxic to aquatic life.
- H410: Very toxic to aquatic life with long lasting effects.
- H412: Harmful to aquatic life with long lasting effects.

GHS Classification

- Aquatic Acute 1; Acute Aquatic toxicity, category 1
- Aquatic Chronic 2; Chronic aquatic toxicity, category 2

Training advice: None.

Additional Information: None.



Assembly Lube (Anti-Seize)

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