

# MATERIAL SAFETY DATA SHEET

Northern Labs, Inc.  
4701 Custer Street  
Manitowoc, WI 54221-0850  
920-684-7137

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Revised:

Health 3 Fire 1 Reactivity 0

HAZARD RATING: Least-0/Slight-1  
Moderate-2/High-3/Extreme-4

## SECTION I - PRODUCT NAME

Product: Formula 1 Wheel Gold

Chemical Family: Acid Based Automotive Rim Cleaner

N/L Product Code: 613054, 615254

## SECTION II - HAZARDOUS INGREDIENT INFORMATION

Component/Synonym	CAS No.	%	OSHA PEL/TWA	ACGIH TLV/TWA	Other
Dodecylbenzene-Sulfonic Acid	68584-22-5	5-10	NA	NA	
Methyl Ester	67784-80-9	1-3	NA	NA	
Ethyl Lactate	97-64-3	1-3	NA	NA	
Oxalic Acid	144-62-7	1-3	1mg/m3	1mg/m3	2mg/m3 STEL

None of the ingredients in this product is on the IARC, OSHA or NTP carcinogen lists.

## SECTION III - HEALTH INFORMATION

Under directed consumer use conditions, this product is not expected to produce adverse health effects.

Acute and/or Chronic Effects:

May be harmful or fatal if swallowed.

Skin Contact:

May cause skin irritation after prolonged use. Extended contact with solutions of oxalic acid may cause temporary numbness or pain.

Eye Contact:

Do not get into eyes; product can cause severe irritation.

Ingestion:

Product contains oxalic acid which can be harmful or fatal if ingested in large amounts. If swallowed, do not induce vomiting. Seek medical attention immediately.

Inhalation:

Inhalation of high concentrations may cause irritation.

**PRODUCT: Wheel Gold**

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**SECTION III - HEALTH INFORMATION (CONT'D)**

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**Signs and Symptoms:**

Overexposure of vapors can produce headache and dizziness.

**Aggravated Medical Conditions:**

ND

**Emergency and First Aid Procedures:**

**Eye Contact:**

Flush with water for 15 minutes. Get medical attention.

**Skin Contact:**

Rinse with plenty of water. Remove contaminated clothing within reasonable time. If condition persists seek medical attention.

**Ingestion:**

Do not induce vomiting. Rinse mouth, drink 1-2 glasses of water. Contact a physician and/or local Poison Control Center.

**Inhalation:**

Remove victim to fresh air. If difficulty of breathing persists, get medical attention.

**Note to Physician:**

Oxalic acid may disrupt the calcium balance or accumulate in the kidney causing damage.

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**SECTION IV - SUPPLEMENTAL HEALTH INFORMATION**

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**SECTION V - PHYSICAL DATA**

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Appearance/Odor	<u>Pale Yellow, Clear Liquid</u>		
Boiling Point (Deg. F)	<u>ND</u>	Vapor Pressure (mm Hg)	<u>ND</u>
Freezing Point (Deg. F)	<u>ND</u>	Vapor Density (Air = 1)	<u>ND</u>
Specific Gravity (H2O = 1)	<u>ND</u>	pH	<u>&lt; 2</u>
Solubility in Water	<u>considerable</u>	Evaporation rate (Bu Ac = 1)	<u>ND</u>
Percent Volatiles	<u>NA</u>	Other	<u>ND</u>

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**SECTION VI - FIRE AND EXPLOSION HAZARDS**

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<b>Flash Point and Method:</b>	<b>Flammable Limits:</b>	
	<b><u>Lower</u></b>	<b><u>Upper</u></b>
>150° F Closed Cup	ND	ND

**Extinguishing Media:**

Foam, CO 2, Dry Chemical

**Special Fire Fighting Procedures and Precautions:**

Self contained positive pressure breathing apparatus and protective clothing should be worn. Cool fire exposed containers, surrounding equipment and structures with water.

**Unusual Fire and Explosion Hazards:**

None.

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**SECTION VII - REACTIVITY**

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**Stability:**

Stable

**Hazardous Polymerization:**

Will not occur

**Conditions and Materials to Avoid:**

May react with certain metals and produce Hydrogen Gas. Avoid contact with strong bases.

**Hazardous Decomposition Products:**

Extremely high temperatures may liberate oxides of sulfur.

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**SECTION VIII - EMPLOYEE PROTECTION**

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**Respiratory:**

None required with normal use.

**Exposed Skin:**

Cover skin for oversplash. Wear protective rubber gloves (Acid-Proof) while using.

**Eyes:**

Use protective eyewear. Face shield or Chemical Safety Goggles, do not expose contact lenses.

**Other:**

Chemical resistant jacket.

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**SECTION IX - SPECIAL PRECAUTIONS**

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**Labeling:**

**No precautionary labeling required.**

**Avoid overheating or freezing**

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**SECTION X - ENVIRONMENTAL PROTECTION**

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**Spill or Leak Procedures:**

**Spilled material is slippery.**

**Wash skin thoroughly with water after handling.**

**Waste Disposal Information:**

**Observe all applicable Federal/State regulations and Local ordinances regarding disposal of corrosive materials.**

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**SECTION XI - ADDITIONAL INFORMATION**

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**None**

**NA - Not Applicable; NSR - No Special Requirement; ND - Not Determined For This Product**

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