

SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE

- 1.1 PRODUCT DESCRIPTION: **FORMULA 1 FOAMING WHEEL & TIRE CLEANER (23 OZ)**
- 1.2 PRODUCER: **NORTHERN LABS, INC.
5800 WEST DRIVE
MANITOWOC, WI 54221-0850
PHONE: 920-684-7137**
- 1.3 PRODUCT CODE: **615254**

2. HAZARD IDENTIFICATIONS

- 2.1 **Classification of the Substance or Mixture:**
Classification 1999/45/EEC: Not Classified
OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200: Not Classified as Hazardous.
- 2.2 **Label Elements [Risk & Safety Phrases]:** Not Classified.
- 2.3 **Other:** Contains < 5% surfactant blend of Anionic Surfactant (CAS: 1300-72-7) and Nonionic Surfactant (CAS: 68439-46-3). Keep out of the reach of children.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

<i>Hazardous components within the meaning Of EEC directive 67/548 and corresponding classification</i>	EINECS # CAS #	Concentration	Classifications EC1272/2008– 67/548/EEC		Risk Phrases Safety Phrases
DIETHYLENE GLYCOL MONOBUTYL ETHER	203-961-6 112-34-5	1.50%	Eye Irrit. 2 H319	Xi: R36/3 8	R36/38 S2
SODIUM METASILICATE	229-912-9 6834-92-0	0.19%	Skin Corr. 1B H314 STOT SE 3 H335		
NON HAZARDOUS COMPOSITION		98.31%			

PRODUCT PRESERVATIVE INFORMATION:

- * Methylchloroisothiazolinone (preservative) CAS#: 26172-55-4 (EC#: 247-500-7) at 0.0007%
- * Methylisothiazolinone (preservative) CAS#: 2682-20-4 (EC#: 220-239-6) at <0.0001%

NOTE: NO INGREDIENT IS PRESENT IN THIS PRODUCT AT HAZARDOUS CONCENTRATIONS.

The Diethylene Glycol Monobutyl Ether (CAS #112-34-5) does not classify as an Eye Irrit. 2 material because it is present at less than the cut-off concentration.

The Disodium Metasilicate (CAS # 6834-92-0) does not classify as a Skin Corr. 1B or STOT SE 3 material because it is present at less than the cut-off concentration.

4. FIRST AID MEASURES

- 4.1 **Ingestion:** Treat as dilute detergent solution – call physician.
- 4.2 **Skin contact:** Wash off with water.
- 4.3 **Eye contact:** Flush eyes with water for at least 10 minutes. If irritation persists get medical attention.

Acute and/or Chronic Effects: No known chronic effects.

Eye Contact: Direct contact with eyes can cause irritation.

Ingestion: Treat as dilute detergent solution – call physician.

5. FIRE FIGHTING MEASURES

- 5.1 **Extinguishing agents:** Foam, CO₂, Dry Chemical
- 5.2 **Advice:** Container may melt and leak in heat of fire.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Dilute with water and take up with wet vacuum or rinse into drain to sewer (follow local regulations).

7. HANDLING AND STORAGE

- 7.1 **Storage:** Keep out of the reach of children. Wash hands thoroughly after handling. Keep from freezing.

8. EXPOSURES STANDARDS AND PERSONAL PROTECTION

- 8.1 **Respiratory protection:** None required with normal use.
- 8.2 **Hands protection:** None required with normal use.
- 8.3 **Eye protection:** Do not get product in eyes.
- 8.4 **Skin protection:** No special requirements under normal use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, Colorless Liquid
Odor:	bland odor
Specific Gravity (H ₂ O = 1):	1.0
Volume of Container:	23 oz.
pH:	9.5 – 11.5
Solubility in water:	Complete
Percent Volatiles:	NA
Solubility in oil:	-
Flash Point:	>200F

10. STABILITY AND REACTIVITY

- 10.1 *Chemical Stability:* Stable.
- 10.2 *Hazardous Polymerization:* Will not occur.
- 10.3 *Hazardous Decomposition Products:* None known.

11. TOXICOLOGICAL INFORMATION

- 11.1 *Toxicity for ingestion:* Treat as dilute detergent solution – call physician if unwell.
- 11.2 *Toxicity of inhalation:* Not expected to be a problem under normal use conditions.
- 11.3 *Irritation effects from skin contact:* May be irritating to skin. If irritation occurs, get medical attention.
- 11.4 *Irritation effects from eye contact:* Flush eyes with water for at least 10 minutes. If irritation persists, seek medical aid.

12. ECOLOGICAL INFORMATION

12.1 **European Parliament Regulation (EC) No. 648/2004 states that a surfactant is readily biodegradable if the level of biodegradability in one of several OECD (Organization for Economic Cooperation and Development) screening tests is 60% or more within 28 days. The following surfactants used in Formula 1 Tire and Wheel Cleaner are readily biodegradable according to the Regulation No. 648/2004 utilizing the OECD screening tests.**

Biodegradation of Anionic Surfactant (CAS: 1300-72-7) and Nonionic Surfactant (CAS: 68439-46-3) / total < 5% by weight)

Ultimate or complete mineralization (> 60% in 28 days, meeting 10 day window) has been observed under several OECD test methods (301B-E).

Based on the results of these tests, this surfactant blend is considered readily biodegradable.

13. DISPOSAL CONSIDERATIONS

- 13.1 No special method. This is a dilute detergent solution. Observe all applicable Local, State, National and Federal regulations for disposal of non-hazardous waste.

14. TRANSPORTATION INFORMATION

Land (DOT)/Sea (IMDG)/Air Transport (IATA):

Proper Shipping Name: Not Regulated

Class: None

UN/ID No.: None

Packaging Group: None

15. REGULATORY INFORMATION

Defined by:

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, packaging and labeling of dangerous substances and subsequent amendments (of Council Directive 67/548/EEC on classification, Risk Phrases and Safety Phrases in accordance of Annex I Index, REACH Annex 2 [Part 3.2] & Directive 1999/45/CE [Classification, packaging and labeling of dangerous preparation] and subsequent amendments).

Inventories: All components of this product are listed on the TSCA (USA), DSL (Canada) and EINCS (Europe) inventories.

PROP 65: This product contains no chemicals subject to the reporting requirements of the Safe Drinking Water and Toxic Enforcement Act of 1986.

16. OTHER INFORMATION

HMIS RATINGS Health: 1 Flammability: 1 Reactivity: 0

Hazardous Material Identification System hazard ratings are designed to inform employees of chemical hazards in the workplace. These ratings are based on the inherent properties of the material under expected conditions of normal use and are not intended for use in emergency situations.

NFPA RATINGS Health: 1 Flammability: 1 Reactivity: 0

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

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For information on appropriate emergency procedures phone: (920) 684-7137

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