

SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE

- 1.1 PRODUCT DESCRIPTION: **FORMULA 1 GLASS CLEANER WITH RAIN REPELLANT**
- 1.2 PRODUCT CODES (24 oz): **613875, 613875-4, 615807**
- 1.3 PRODUCER: **NORTHERN LABS, INC.
5800 WEST DRIVE
MANITOWOC, WI 54221-0850
PHONE: 920-684-7137**

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 [Signal Word]:* Not Classified
- 2.3 *Other Hazards:* Non-Hazardous
- Acute and/or Chronic Effects: May be irritating if swallowed. No known chronic effects.
- Skin Contact: Not expected to be a problem under normal use conditions.
- Eye Contact: Contact with eyes may cause irritation.
- Ingestion: May be harmful if swallowed. Avoid ingestion.
- Inhalation: Not expected to be a problem under normal use conditions.
- Signs and Symptoms: None known.
- Aggravated Medical Conditions: None known.
- 2.4 *Additional Caution:* Keep from freezing. Keep out of the reach of children.
- 2.5 *Other Identifications:* Detailed surfactant information is located in Section 12.4 of this SDS.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

<i>Hazardous components within the meaning Of EEC directive 67/548 and corresponding classification</i>	EINECS # CAS # Annex 1 Ind. #	Concentration	Classifications EC1272/2008– 67/548/EEC		Risk Phrases Safety Phrases
BUTOXYPROPANOL	225-878-4 5131-66-8 603-052-00-8	1.0%	H319 H315	Xi	R36/38 S2
PROPYLENE GLYCOL MONOMETHYL ETHER	203-539-1 107-98-2 603-064-00-3	0.7%	H226		R10 R67 S2
NON HAZARDOUS COMPOSITION		98.3%			

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

Materials in this product are not classified in Regulation (EC) No 1272/2008 of the European Parliament and of the council on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC and amending Regulation (EC) No 1907/2006.

PRODUCT PRESERVATIVE INFORMATION:

* Methylchloroisothiazolinone (preservative) CAS#: 26172-55-4 (EC#: 247-500-7) at <0.0005%

* Methylisothiazolinone (preservative) CAS#: 2682-20-4 (EC#: 220-239-6) at <0.0002%

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.
- 4.4 **Inhalation:** Remove to fresh air immediately.

Acute and/or Chronic Effects/Aggravated Medical Conditions: No known chronic effects, none known.

Eye Contact: Direct contact with eyes can cause irritation.

Skin Contact: Repeated contact and exposure may cause skin irritation.

Ingestion: Treat as dilute detergent solution – call physician.

Inhalation: Inhalation may cause nausea and irritation.

5. FIRE FIGHTING MEASURES

- 5.1 **Extinguishing Agents:** Foam, CO₂, Dry Chemical
- 5.2 **Advice:** Normal fire fighting procedures may be used.
- 5.3 **Unusual Fire Hazards:** Container may melt and leak in heat of fire. Spills may be slippery.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Rinse thoroughly, or sweep/scrape up and containerize. Use clay absorbent if desired. Rinse area afterwards with copious amounts of soap and water. Affected areas may be slippery.

7. HANDLING AND STORAGE

- 7.1 **Handling:** Do not ingest. Avoid contact with eyes. Good hygiene practices should be followed when handling this material. Wash thoroughly after handling.
- 7.2 **Storage:** Keep container tightly closed and in a cool, well ventilated area. Keep from excessive heat and 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:	Opaque Liquid
Odor:	No odor
Specific Gravity (H ₂ O = 1):	1.0
Volume of Container:	24 oz.
pH:	~10.0
Solubility in water:	Complete
Percent Volatiles:	NA
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.
- 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 surfactant used in Formula 1 Glass Cleaner & Treatment is readily biodegradable according to the Regulation No. 648/2004 utilizing the OECD screening tests.

Biodegradation of Sodium Lauryl Sulfate (EU: 205-788-1 / CAS: 151-21-3)

PRODUCT CONTAINS THIS ANIONIC SURFACTANT CONTAINED AT < 0.2% BY TOTAL WEIGHT.

Primary biodegradation exceeds 90% within 2-days and ultimate or complete mineralization was observed in 5 days.

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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