



SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **GLISTEN!**

Generic Names/Synonyms: None

Distributed by:

High PSI LTD
75 N. Brandon Drive
Glendale Heights, IL 60139

For More Information Call High PSI:
800.666.3900

24/7 Transportation Emergencies

Call INFOTRAC: 800-535-5053
Account No.: 77840

2. HAZARD IDENTIFICATION

GHS Ratings:

Dermal Toxicity	Acute Tox. 2	Dermal >50+ <=200mg/kg
Skin corrosive	2	Reversible adverse effects in dermal tissue, Draize score: >= 2.3 < 4.0 or persistent inflammation
Eye corrosive	2A	Eye irritant: Subcategory 2A, Reversible in 21 days
Skin sensitizer	1	Skin sensitizer
Reproductive toxin	2	Human or animal evidence possibly with other information

GHS Hazards

H310	Significant burns (serious damage potential) in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H361	Suspected of damaging fertility or the unborn child

GHS Precautions

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P261	Avoid breathing dust/fume/gas/mist/vapours/spray
P262	Do not get in eyes, on skin, or on clothing
P264	Wash ... thoroughly after handling
P270	Do not eat, drink or smoke when using this product

P272	Contaminated work clothing should not be allowed out of the workplace
P280	Wear protective gloves/protective clothing/eye protection/face protection
P281	Use personal protective equipment as required
P310	Immediately call a POISON CENTER or doctor/physician
P322	Specific measures (see ... on this label)
P361	Remove/Take off immediately all contaminated clothing
P362	Take off contaminated clothing and wash before reuse
P363	Wash contaminated clothing before reuse
P302+P350	IF ON SKIN: Gently wash with soap and water
P302+P352	IF ON SKIN: Wash with soap and water
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P308+P313	IF exposed or concerned: Get medical advice/attention
P332+P313	If skin irritation occurs: Get medical advice/attention
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention
P337+P313	Get medical advice/attention
P405	Store locked up

Signal Word: Danger



3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS number	Weight Concentration %
Water	7732-18-5	80.00% - 90.00%
Poly(oxy-1,2-ethanediyl), alpha-(nonylphenyl)-omega- hydroxy	9016-45-9	1.00% - 5.00%
Ethylenediaminetetraacetic acid	10378-23-1	1.00% - 5.00%
Benzenesulfonamide, 4-amino-N-5-isoxazolyl-	7758-79-4	1.00% - 5.00%
D-Limonene	5989-27-5	1.00% - 5.00%
Sodium metasilicate	6834-92-0	1.00% - 5.00%

4. FIRST-AID MEASURES

INHALATION: Treat symptomatically. Move exposed party to fresh air and keep at rest. If breathing is difficult, provide the individual oxygen. If not breathing, give artificial respiration. Get medical attention immediately.

EYE CONTACT: Any material that contacts the eye should be washed out immediately with generous amounts of water for at least 20 minutes. If easy to do, remove contact lenses if present. Get immediate medical attention.

SKIN CONTACT: Wash with soap and water - flush with water for at least 20 minutes. Get medical attention immediately.

INGESTION: Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. If conscious, wash out mouth with water. Get medical attention immediately.

NOTES TO PHYSICIAN: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point: None

LEL:

UEL:

FLAMMABLE LIMITS: Product is not flammable. Use appropriate media for adjacent fire and surrounding materials present in a fire situation.

EXTINGUISHING MEDIA: Use an extinguishing agent suitable for the fire and for other materials that may be present in a fire situation.

UNUSUAL/GENERAL/EXPL. FIRE HAZARDS: None known.

HAZARDOUS COMBUSTION PRODUCTS: Under fire conditions toxic fumes should be anticipated.

FIRE FIGHTING: See also Stability and Reactivity section.

FIRE EQUIPMENT: Wear self-contained, approved breathing apparatus and full protective clothing (including eye protection and boots).

6. ACCIDENTAL RELEASE MEASURES

SPILL/LEAK: Follow your companies established procedures for reporting and/or responding to chemical incidents. No action should be taken involving any personal risk without suitable training and issuance of appropriate personal protective equipment.

SMALL SPILL: Stop leak if it can be done without risk. Clean up spilled material with vermiculite or other inert material, then place in a container for chemical waste. Dispose of all waste and cleanup materials in accordance with Federal, state, and local regulations.

LARGE SPILL: No action shall be taken involving any personal risk or without suitable training and issuance of appropriate personal protective equipment. Stop leak if it can be accomplished without risk. Prevent spillage from entering drains and/or waterways. Any release to the environment may be subject to Federal, state, or local reporting requirements.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS: No special precautions are necessary beyond normal good hygiene practices.

See Section 8 of the MSDS for additional personal protection advice when handling this product.

STORAGE: Keep container closed when not in use. Protect from excessive heat and/or freezing.

REGULATORY: Do not store in unlabeled containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Chemical Name / CAS No.</u>	<u>OSHA Exp Limits</u>	<u>ACGIH Exp Limits</u>	<u>Other Exp Limits</u>
Water 7732-18-5	Not Established	Not Established	Not Established
Poly(oxy-1,2-ethanediyl), alpha-(nonylphenyl)-omega- hydroxy 9016-45-9	Not Established	Not Established	Not Established
Ethylenediaminetetraacetic acid 10378-23-1	Not Established	Not Established	Not Established
Benzenesulfonamide, 4- amino-N-5-isoxazolyl- 7758-79-4	Not Established	Not Established	Not Established
D-Limonene 5989-27-5	Not Established	Not Established	Not Established
Sodium metasilicate 6834-92-0	Not Established	Not Established	Not Established

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

VENTILATION: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

ADMINISTRATIVE CONTROLS: No action shall be taken involving any personal risk or without suitable training and issuance of appropriate personal protective equipment.

PROTECTIVE GEAR: It is a good industrial hygiene practice to minimize skin and eye contact.

Eye protection: Wear safety goggles if eye contact is possible (face shield recommended if splashing is possible).

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products (if a risk assessment indicates this is necessary).

Body Protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved.

CONTAMINATED GEAR: Routinely wash work clothing and protective equipment to remove contaminants.

9. PHYSICAL AND CHEMICAL PROPERTIES

NOTE: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specifications for the product.

Specific Gravity (SG):	1.06 (approximate)
Appearance:	Clear colorless
Odor:	Citrus
pH:	> 12.5

10. STABILITY AND REACTIVITY

Product is STABLE under normal conditions of storage and handling.

INCOMPATIBLE MATERIALS: Strong acids

HAZARDOUS DECOMPOSITION: None

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Mixture Toxicity

Dermal Toxicity LD50: 32mg/kg

Component Toxicity

9016-45-9	Poly(oxy-1,2-ethanediyl), alpha-(nonylphenyl)-omega-hydroxy Oral LD50: 2,590 mg/kg (Rat) Dermal LD50: 1,780 µL/kg (Rabbit)
60-00-4	Ethylenediaminetetraacetic acid Oral LD50: 1,700 mg/kg (Rat)
5989-27-5	D-Limonene Oral LD50: 4,400 mg/kg (Rat)
6834-92-0	Sodium metasilicate Oral LD50: 1,153 mg/kg (Rat)

Effects of Overexposure

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
None			None

ACUTE TOXICITY:

Eyes – blurred vision, redness, watering, burning. Skin – redness. Inhalation – coughing, irritation.

CHRONIC EFFECTS:

None Known

12. ECOLOGICAL INFORMATION

The information given is based on data available for the material, the components of the material, and similar materials (if known).

Component Ecotoxicity

Ethylenediaminetetraacetic acid	96 Hr LC50 <i>Lepomis macrochirus</i> : 34 - 62 mg/L [static]; 96 Hr LC50 <i>Pimephales promelas</i> : 44.2 - 76.5 mg/L [static] 48 Hr EC50 <i>Daphnia magna</i> : 113 mg/L [Static] 72 Hr EC50 <i>Desmodesmus subspicatus</i> : 1.01 mg/L
D-Limonene	96 Hr LC50 <i>Pimephales promelas</i> : 0.619 - 0.796 mg/L [flow-through]; 96 Hr LC50 <i>Oncorhynchus mykiss</i> : 35 mg/L
Sodium metasilicate	96 Hr LC50 <i>Brachydanio rerio</i> : 210 mg/L [semi-static]; 96 Hr LC50 <i>Brachydanio rerio</i> : 210 mg/L

13. DISPOSAL CONSIDERATIONS

Check Federal and state waste regulations to determine if the material may meet the classification of a hazardous or special waste. Waste materials meeting the definition of hazardous, should only be sent to an appropriately permitted RCRA facility.

Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

Always dispose of in accordance with Federal, State, and Local regulations.

14. TRANSPORTATION INFORMATION

Important Note: The data provided in this section is for information only. Please apply the appropriate regulations to properly classify your shipment for transportation. As shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin / destination. Consult your company's Hazardous Materials/Dangerous Goods expert for information specific to your situation.

For small quantities packed in combination packaging, exceptions may apply.

For emergency transportation information, in the United States: call INFOTRAC at 800-535-5053

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
PHMSA	Compounds, Cleaning Liquid (Sodium Metasilicate)	NA1760	PG III	8

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

The following chemicals are reportable under Pennsylvania Right to Know:

60-00-4 Ethylenediaminetetracetic acid

<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
U.S.A.	TSCA	No

United States inventory (TSCA 8b): All components are listed or exempted (unless otherwise noted below).
- None

SARA 313 Components: The following listed components (if any are listed) are subject to the Supplier Notification Requirement found in 40 CFR 372.45 (c 4); a part of Title III of the Superfund Amendments and Reauthorization Act of 1986. SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

16. OTHER INFORMATION

Hazardous Material Information System (HMIS)

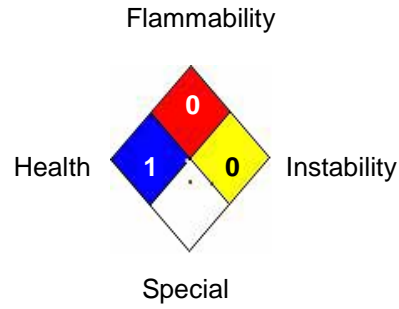
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	D

HMIS & NFPA Hazard Rating

Legend
* = Chronic Health Hazard

0 = INSIGNIFICANT
1 = SLIGHT
2 = MODERATE
3 = HIGH
4 = SEVERE

National Fire Protection Association (NFPA)



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