



SAFETY DATA SHEET

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Revision: A

Section 1 : Chemical Product and Company Identification.

1.1 Product Identifier:

Product Name: Silver Star

Product Code: 641017

Synonyms: Compound cleaning solution.

1.2 Relevant Identified Uses:

Usage(s): Flatware presoak. Detarnisher.

1.3 Supplier Info:

SANITARY MAINTENANCE & SUPPLY 8100 Hwy 64 E., Avon Park, FL 33825

1.4 Emergency Phone Info:

For emergency and medical help line, call INFOTRAC at (800) 535-5053, 24 hours a day, 7 days a week. For information on all our products and/or SDS please contact PRIDE customer service at 813-890-6557.

Section 2 : Hazards Identification.

2.1 Classification of substance or mixture

- ➔ Serious Eye Damage/Eye Irritation - Category 1
- ➔ Skin Corrosion/Irritation - Category 1C



GHS05

Physical Description: Clear light green liquid with solvent odor.

Signal Word: **Danger**

Hazard Statements

Hazard

- ➔ H314 | Causes severe skin burns and eye damage
- ➔ H318 | Causes serious eye damage

Prevention

- ➔ P260 | Do not breathe dust/fume/gas/mist/vapours/spray. Manufacturer/supplier or the competent authority to specify applicable conditions.
- ➔ P264 | Wash...thoroughly after handling ... Manufacturer/supplier or the competent authority to specify parts of the body to be washed after handling.
- ➔ P280 | Wear protective gloves/ protective clothing/eye protection/face protection - Specify face protection. Manufacturer/supplier or the competent authority to specify type of equipment.

Response

- ➔ P301 + P330 + P331 | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- ➔ P303 + P361 + P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- ➔ P304 + P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- ➔ P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- ➔ P310 | Immediately call a POISON CENTER/doctor/... .. manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice.
- ➔ P321 | Specific treatment (see...on this label) ... reference to supplemental first aid instruction. - if immediate administration of antidote is required.
- ➔ P363 | Wash contaminated clothing before reuse.

Storage

- ➔ P405 | Store locked up.

Disposal

- ➔ P501 | Dispose of contents/container to... .. in accordance with local/regional/national/international regulation (to be specified).

2.3 Other Hazards:

None

Section 3 : Composition/Information On Ingredients.

3.1 Substances

Common Names: Flatware presoak, detarnisher

Ingredient Name	CAS	Percent
Water	7732-18-5	> 60%
Non-Ionic Surfactant	9016-45-9	< 5%
Caustic Potash 45%	1310-58-3	< 5%

Section 4 : First Aid Measures.

4.1 Description of First Aid Measures:

Inhalation: Remove to fresh air. If symptoms persist, seek medical attention.

Eyes: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. If irritation persists, consult a physician.

Skin: Flush skin with running water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. If symptoms persist, seek medical attention.

Ingestion: Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Seek medical attention immediately. Never give anything by mouth to an unconscious person.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed:

Inhalation: Vapors may be irritating to mucous membranes in the nose, throat, and lungs.

Eyes: Eye irritant. Liquid and mists may injure the eyes, causing corneal damage.

Skin: Skin irritant. May cause moderate reddening, swelling, and possible skin damage.

Ingestion: Irritating and corrosive to the mouth and throat. May cause headache, nausea, abdominal pain, vomiting, and diarrhea. Excessive amounts may cause collapse.

Section 5 : Fire Fighting Measures.

5.1 Extinguishing Media:

Water fog, foam, carbon dioxide, dry chemical, and any media appropriate for surrounding fire.

5.2 Specific Hazards Arising from the Chemical:

At high temperature, fumes may occur giving off a strong corrosive gas.

5.3 Special Protective Actions for Fire-Fighters:

Evacuate non-essential personnel. Fire fighters should wear full face, self contained breathing apparatus and impervious protective clothing. Do not use a direct stream of water.

Section 6 : Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Evacuate non-essential personnel, eliminate ignition sources, and wear protective equipment.

6.2 Environmental Precautions:

Avoid runoff to ground water, surface water, and sewers.

6.3 Methods and Materials for Containment and Cleaning Up:

1. Shut off source of leak if safe to do so.
2. Contain spill.
3. Recover product.
4. Clean up residue, flush sparingly with water or use an absorbent.

Section 7 : Handling And Storage

7.1 Precautions For Safe Handling:

Keep out of reach of children. Keep container closed during storage. Corrosive. Avoid contact with eyes, skin and clothing. Use in well ventilated area. Wear rubber gloves and eye protection when handling.

Hygiene Advice: Do not eat, drink, or smoke around chemical.

Section 8 : Exposure Controls And Personal Protection

8.1 Control Parameters:

Ingredient Name	CAS	OSHA	ACGIH
Water	7732-18-5	Not Established	Not Established
Non-Ionic Surfactant	9016-45-9	N/A	N/A
Caustic Potash 45%	1310-58-3	TWA/TLV: 2 mg/m (ceiling)	TWA/TLV: 2 mg/m (ceiling)

8.2 Engineering Controls:

Use in a well ventilated area.

8.3 Protection Measures:

- **Protective Gloves:** Chemical resistant rubber.
- **Eye Protection:** Safety glasses recommended.
- **Other Protective Equipment:** Nearby eye wash station. Protective outer wear should be worn when danger of splash may occur.

Section 9 : Physical And Chemical Properties

9.1: Information on Basic Physical and Chemical Properties

Appearance:	Light green liquid
Odor:	Solvent
OdorThreshold:	Not Available
PH:	11.5 - 14 @ 10% solution
Melting_FreezingPoint:	Freezing: -20 F
InitialBoilingPoint:	212 F
FlashPoint:	N/A
EvaporationPoint:	Not Determined.
Flammability_Solid_Gas:	N/A
LowerExplosiveLimit:	N/A
UpperExplosiveLimit:	N/A
VaporPressure:	N/A
VaporDensity:	Not Determined.
RelativeDensity:	Not Determined.
Solubility:	Complete
Partition Coefficient: n-octanol/water:	Not Determined.
AutoIgnitionTemp:	N/A

DecompositionTemp: N/A
Viscosity: < 10

Section 10 : Stability And Reactivity

10.1 Reactivity:

None.

10.2 Chemical Stability:

Stable.

10.3 Possibility of Hazardous Reactions:

None under normal processing.

10.4 Conditions to Avoid:

None.

10.5 Incompatible Materials:

Strong acids and metals not resistant to alkalis.

10.6 Hazardous Decomposition Position:

Hydrocarbons, CO, CO2 in a fire.

Section 11 : Toxicological Information

No further information is available on this product at this time.

Section 12 : Ecological Information

No further information is available on this product at this time.

Section 13 : Disposal Considerations

Dispose of in accordance with local, state, and federal regulations.

Section 14 : Transport Information

Proper DOT Shipping Name & Number

None...

Not Regulated.

Section 15 : Regulatory Information

TSCA (Toxic Substance Control Act): All components of this product are listed on the TSCA inventory.

Section 16 : Other Information

Hazardous Material Information System (HMIS)

HEALTH	FLAMMABILITY	REACTIVITY	PERSONAL PROTECTION
1	0	0	C

Release Notes: Initial Release...

Prepared By: Regulatory Department; GL, DL

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For additional information, contact us.

Disclaimer:

Information contained in this SDS refers only to the specific material designated and does not relate to any process or use involving other materials. This information is based on data believed to be reliable, and the Product is intended to be used in a manner that is customary and reasonably foreseeable. Since actual use and handling are beyond our control, no warranty, express or implied, is made and no liability is assumed by Manufacturer or Vendor in connection with the use of this information.