

SAFETY DATA SHEET

Diamond- Silver Soak Liquid.

1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

Identification of Preparation: Diamond- Silver Soak Liquid

Date of Safety Data Sheet: 23 February, 2016

Use of Preparation: Silver Pre-Soak.

Company Identification: Diamond Products,
Division of Hawco Products Ltd.
61 Shaver Street,
PO Box 1507
Brantford, Ontario.
OFFICE: 519-759-2443

Company Emergency Telephone Number Emergency Phone: 1-800-813-9621

2. HAZARD IDENTIFICATION

Emergency Overview:

OSHA / WHMIS 2015 Hazards

Irritant.

Classification of substance or mixture

GHS-US/Canadian classification:

GHS Hazards

Acute Tox. 4 (Oral) H302

Eye Irritation 2 H319

Skin Irritation 2 H315

Label Elements

GHS Labeling

Hazard Pictograms (GHS):



Signal Word (GHS): Warning

Hazard Statements (GHS):

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Precautionary Statements (GHS):

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P264 Wash thoroughly after handling.

Response (GHS):

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove

SAFETY DATA SHEET

Diamond- Silver Soak Liquid.

contact lenses, if present and easy to do. Continue rinsing. Get medical attention

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Description: Chemical Blend

Ingredient	CAS#	% by Wt	Classification
Sodium Dodecylbenzene Sulphonate	68081-81-2	1-5	Acute Toxicity Category 4 (Oral) - H302 Eye Irritation Category 2 - H319
Pentasodium triphosphate	6834-92-0	1-5	Acute Toxicity Category 4 (Oral) - H302 Skin Corrosion Category 1 A - H314 Eye Damage Category 1 - H318 STOT SE3- H355

4. FIRST AID MEASURES

Inhalation:	Remove to fresh air. If symptoms persist consult physician.
Eye Contact:	Remove contacts. Flush with water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Repeat if required. If irritation persists get medical attention.
Skin Contact:	Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse.
Ingestion:	Wash out mouth with water. Drink plenty of water. Do not induce vomiting unless directed by medical personal. Never give anything to an unconscious person. Get medical aid.
Notes to Physician:	Treatment based on judgment of attending physician.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	As per surrounding fire.
Unsuitable extinguishing media:	No information available.
Special exposure hazards	Fire or excessive heat may produce hazardous decomposition products.
Special safety equipment:	Self-contained positive pressure breathing apparatus and protective clothing.
Fire and explosion	Not flammable. Not an explosive hazard.
Further information	Keep containers and surrounding cool with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not get in eyes, on skin, or on clothing. Do not breathe mist.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Date: 23 February 2016

SDS: Diamond Silver Soak Liquid.

SAFETY DATA SHEET

Diamond- Silver Soak Liquid.

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters.

Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clear up spills immediately by sweeping up and dispose of waste safely.

Reference to Other Sections: See Heading 8. Exposure controls and personal protection.

7. HANDLING AND STORAGE

Precautions for safe handling:

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of mist.

Information about fire - and explosion protection:

Keep respiratory protective device available.

No special measures required.

Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Store in a cool location.

Information about storage in one common storage facility:

Do not store together with acid products.

Store away from reducing agents.

Store away from foodstuffs.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Store receptacle in a well ventilated area.

Keep container tightly sealed.

Specific end use(s) No further relevant information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection:	Use local exhaust or dilution ventilation.
Hand protection:	Chemical resistant gloves.
Eye protection:	Safety goggles.
Skin protection:	Use body-covering clothing.
Working hygiene:	Take usual precautions when handling. Workers should wash hands before eating, drinking or smoking.
Exposure Guidelines:	Contains no substances with occupational exposure limit values.

SAFETY DATA SHEET

Diamond- Silver Soak Liquid.

Source Material Pentasodium tripolyphosphate	TWA ppm	TWA mg/m³ 5 mg/m ³ 8 hr	STEL ppm	STEL mg/m³
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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid green.	Vapour Density (Air=1):	No data available.
Odour:	Typical	Specific Density:	1.0 g/cc
Odour Threshold:	No data available.	Solubility in Water:	Soluble
PH: as is	11.5	Log Pow (calculated):	Not established.
Melting Point:	Estimated 0 C	Autoignition Temperature:	No data available.
Boiling Point:	100 C	Decomposition Temperature:	No data available.
Flash Point:	No data available.	Viscosity:	No data available.
Flammable Limits in Air:	No data available.	Percent Volatile by Volume:	No data available.

10. STABILITY AND REACTIVITY

Reactivity	Stable at normal ambient temperature and pressure.
Chemical stability	No decomposition if stored and applied as directed.
Thermal decomposition/conditions to avoid:	Stable under normal conditions.
Possibility of hazardous reactions	Reacts with acids. Reacts with reducing and oxidizing agents.
Conditions to avoid	Store away from reducing agents, water, acids, and acid salts of heavy metals, organic materials and flammable substances.
Hazardous decomposition products	Acids, oxidizing and reducing agents.
Materials to avoid	Oxides of carbon.
Hazardous polymerization	Will not occur

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity:

LD/LC50 values relevant for classification

Routes of Entry Inhalation, ingestion, eye or skin

Pentasodium tripolyphosphate LD 50 (Oral) 2,000 mg/Kg

Sodium dodecylbenzene sulphonate LD 50 (Oral) 2,000 mg/Kg

Carcinogenicity:

Chemical Name	ACGIH	IARC	NTP	OSHA
Not classified.				

IARC: (International Agency for Research on Cancer)

No ingredients listed

Chronic Effects:

Mutagenicity: No evidence of a mutagenic effect.

Teratogenicity: No evidence of a teratogenic effect (birth defect).

Sensitization: No evidence of a sensitization effect.

SAFETY DATA SHEET

Diamond- Silver Soak Liquid.

Reproductive: No evidence of negative reproductive effects.

Target Organ Effects:

Acute: No information available

12. ECOLOGICAL INFORMATION

Toxicity: Not classified

Persistence and Degradability: Not available

Bioaccumulative Potential: Not available

Mobility in Soil: Not available.

Other Adverse Effects

Other Information:

Avoid release to the environment.

All of the organic components of this product are readily biodegradable.

13. DISPOSAL

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

Ecology – Waste Materials: Avoid release to the environment.

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation (DOT): Not Regulated

Canadian TDG (Road & Rail): Not Regulated

Water Transportation (IMO): Not Regulated

Air Transportation (IATA): Not Regulated

15. REGULATION

SARA : Section 302 None

SARA (313) Chemicals None

EPA TSCA Inventory Appears.

RQ (reportable quantity, section 304 of EPA's list) Pentasodium Phosphate
5,000 lbs.

Canadian DSL Appears.

EINECS Appears.

WHMIS Classification: Class D-Division 2B



SAFETY DATA SHEET

Diamond- Silver Soak Liquid.

HMIS III Rating:

Health: 1 Slight Hazard - Irritation or minor reversible injury possible

Flammability: 0 Minimal Hazard

Physical: 0 Minimal Hazard

Personal Protection: B

SDS US (GHS HazCom 2012) SDS Canada (GHS WHMIS 2015)

16. OTHER INFORMATION

Prepared By: Hawco Technical Department.

Issuing Date: February 23, 2016

Disclaimer:

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However we do not assume accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

End of Safety Data Sheet