

# Safety Data Sheet

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Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** 2500 Screen Wash

### Other means of identification

**SDS #** NSS-004

### Recommended use of the chemical and restrictions on use

**Recommended Use** Solvent.

### Details of the supplier of the safety data sheet

#### **Supplier Address**

Northwest Screen Systems Co.  
4204 East Lake Street  
Minneapolis, MN 55406

### Emergency Telephone Number

**Company Phone Number** 1-612-729-7365  
**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Amber liquid

**Physical State** Liquid

**Odor** Mild alcohol with sweet edge

### Classification

Serious eye damage/eye irritation	Category 2
Skin sensitization	Category 1

### Hazards Not Otherwise Classified (HNOC)

May be harmful if swallowed  
Causes mild skin irritation

### Signal Word

**Warning**

### Hazard Statements

Causes serious eye irritation  
May cause an allergic skin reaction



**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Contaminated work clothing should not be allowed out of the workplace  
 Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 Get medical attention  
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
 If skin irritation or rash occurs: Get medical advice/attention  
 Wash contaminated clothing before reuse

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other Hazards**

Toxic to aquatic life with long lasting effects

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%
Trade Secret	Proprietary	Proprietary
Trade Secret	Proprietary	Proprietary
Trade Secret	Proprietary	Proprietary
Trade Secret	Proprietary	Proprietary

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

**4. FIRST-AID MEASURES**

**First Aid Measures**

- Eye Contact** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.
- Skin Contact** IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash skin with soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
- Inhalation** Remove to fresh air. Seek medical attention if breathing becomes difficult or symptoms develop.
- Ingestion** Rinse mouth. If within 30 minutes of ingestion, give a small glass of water. Never give anything by mouth to an unconscious person. Do not induce vomiting, unless directed by medical personnel. Get immediate medical attention.

**Most important symptoms and effects**

- Symptoms** Causes serious eye irritation. Causes mild skin irritation. May cause an allergic skin reaction. Ingestion may cause symptoms of gastrointestinal irritation including abdominal discomfort, nausea, vomiting, and diarrhea. Inhalation of vapors can cause respiratory irritation and nervous system depression.

**Indication of any immediate medical attention and special treatment needed**

- Notes to Physician** Medical conditions generally aggravated by exposure: skin and eye disorders.

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Water spray (fog). Carbon dioxide (CO2). Dry chemical.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Vapors may be heavier than air and may collect along the ground and in low or confined areas (sewers, basements, tanks). Run-off to sewer may create a fire or explosion hazard.

**Hazardous Combustion Products** Carbon monoxide. Carbon dioxide (CO2).

**Protective equipment and precautions for firefighters**

Do not spray pool fires directly. A direct stream of water or foam into the fire may cause frothing which can be violent and increase fire. Use water spray to cool exposed containers. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Use personal protective equipment as required.

**Environmental Precautions** Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS.

**Methods and material for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** For small spills, take up with earth, sand, or other noncombustible absorbent material and place into sealable containers for later disposal. For large spills, dike far ahead of spill for later disposal. Do not release into sewers or waterways.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Wash face, hands, and any exposed skin thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. Follow all SDS/label precautions even after container is emptied, because it may retain product residues. Do not reuse empty container for food, clothing, or products for human or animal consumption.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep container tightly closed and store in a cool, dry and well-ventilated place. Store away from incompatible materials.

**Incompatible Materials** Strong acids. Strong alkalis. Strong oxidizers. Metals.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Trade Secret	STEL: 150 ppm TWA: 100 ppm S*	TWA: 100 ppm TWA: 600 mg/m <sup>3</sup> (vacated) TWA: 100 ppm (vacated) TWA: 600 mg/m <sup>3</sup> (vacated) STEL: 150 ppm (vacated) STEL: 900 mg/m <sup>3</sup> (vacated) S* S*	IDLH: 600 ppm TWA: 100 ppm TWA: 600 mg/m <sup>3</sup> STEL: 150 ppm STEL: 900 mg/m <sup>3</sup>

**Appropriate engineering controls**

**Engineering Controls**                      Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers.

**Individual protection measures, such as personal protective equipment**

- Eye/Face Protection**                      Safety goggles or safety glasses with side shields.
- Skin and Body Protection**                Prevent skin contact by wearing chemically resistant gloves, aprons, impervious clothing, and boots.
- Respiratory Protection**                    Under normal use and in the presence of adequate ventilation, no respiratory protection is necessary. If ventilation is inadequate or exposure limits are exceeded, the use of an approved air purifying respirator may be necessary. Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134). If there is a potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection, use a positive pressure air supplied respirator.
- General Hygiene Considerations**        Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid	<b>Odor</b>	Mild alcohol with sweet edge
<b>Appearance</b>	Amber liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Amber		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No Data Available	
Melting Point/Freezing Point	No Data Available	
Boiling Point/Boiling Range	No Data Available	
Flash Point	145 °C / 293 °F	CC (closed cup)
Evaporation Rate	No Data Available	
Flammability (Solid, Gas)	Liquid-Not Applicable	
Upper Flammability Limits	No Data Available	
Lower Flammability Limit	No Data Available	
Vapor Pressure	No Data Available	
Vapor Density	No Data Available	
Specific Gravity	No Data Available	
Water Solubility	No Data Available	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	No Data Available	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

**10. STABILITY AND REACTIVITY**

**Reactivity**

Not reactive under normal conditions.

**Chemical Stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Hazardous Polymerization**      Hazardous polymerization does not occur.

**Conditions to Avoid**

Keep separated from incompatible substances. Keep out of reach of children.

**Incompatible Materials**

Strong acids. Strong alkalis. Strong oxidizers. Metals.

**Hazardous Decomposition Products**

Carbon monoxide. Carbon dioxide (CO<sub>2</sub>).

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

**Product Information**

- Eye Contact**                                      Causes serious eye irritation.
- Skin Contact**                                    Causes mild skin irritation. May cause an allergic skin reaction.
- Inhalation**                                        Avoid breathing vapors or mists.
- Ingestion**                                        May be harmful if swallowed.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Trade Secret	= 8191 mg/kg ( Rat )	-	> 5.6 mg/L ( Rat ) 4 h
Trade Secret	= 3384 mg/kg ( Rat )	= 2700 mg/kg ( Rabbit )	-
Trade Secret	> 5000 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	-
Trade Secret	= 5230 mg/kg ( Rat )	= 9500 mg/kg ( Rabbit )	-
Trade Secret	-	> 5 g/kg ( Rabbit )	-
Trade Secret	= 1920 mg/kg ( Rat )	-	-
Trade Secret	= 1310 mg/kg ( Rat )	= 2 mL/kg ( Rabbit )	-

**Information on physical, chemical and toxicological effects**

**Symptoms**                                        Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** May cause an allergic skin reaction.

**Carcinogenicity** Group 3 IARC components are "not classifiable as human carcinogens".

Chemical Name	ACGIH	IARC	NTP	OSHA
Trade Secret		Group 3		X

**Legend**

*IARC (International Agency for Research on Cancer)  
 Group 3 IARC components are "not classifiable as human carcinogens"  
 OSHA (Occupational Safety and Health Administration of the US Department of Labor)  
 X - Present*

**Numerical measures of toxicity**

Not determined

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Toxic to aquatic life with long lasting effects.

**Component Information**

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Trade Secret		19.6 - 26.2: 96 h Pimephales promelas mg/L LC50 static		122.1 - 163.5: 48 h Daphnia magna mg/L EC50
Trade Secret	100: 96 h Desmodesmus subspicatus mg/L EC50	1300: 96 h Lepomis macrochirus mg/L LC50 static		2850: 24 h Daphnia magna mg/L EC50 100: 48 h Daphnia magna mg/L EC50
Trade Secret		50 - 100: 96 h Brachydanio rerio mg/L LC50 static		
Trade Secret		10000: 96 h Pimephales promelas mg/L LC50 static		1919: 48 h Daphnia magna mg/L LC50
Trade Secret		0.619 - 0.796: 96 h Pimephales promelas mg/L LC50 flow-through 35: 96 h Oncorhynchus mykiss mg/L LC50		

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

Chemical Name	Partition Coefficient
Trade Secret	-0.064

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

- Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.
- Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**California Hazardous Waste Status**

Chemical Name	California Hazardous Waste Status
Trade Secret	Toxic

**14. TRANSPORT INFORMATION**

- Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
- DOT** Not regulated
- IATA** Not regulated
- IMDG**  
**Marine Pollutant** This material may meet the definition of a marine pollutant

**15. REGULATORY INFORMATION**

**International Inventories**

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Trade Secret	Present	X		Present		Present	X	Present	X	X
Trade Secret	Present	X		Present		Present	X	Present	X	X
Trade Secret	Present	X		Present		Present	X	Present	X	X
Trade Secret	Present	X		Present		Present	X	Present	X	X

- Legend:**
- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*
  - DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*
  - EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*
  - ENCS - Japan Existing and New Chemical Substances*
  - IECSC - China Inventory of Existing Chemical Substances*
  - KECL - Korean Existing and Evaluated Chemical Substances*
  - PICCS - Philippines Inventory of Chemicals and Chemical Substances*
  - AICS - Australian Inventory of Chemical Substances*

**US Federal Regulations**

**CERCLA**  
 This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

**SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	Yes
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

**SARA 313**

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Trade Secret -		23.5	1.0
Trade Secret -		9.5	1.0

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Trade Secret	X		X
Trade Secret	X	X	X

**16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	2	2	0	Not determined
<b>HMIS</b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
	2	2	0	X

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**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**