

# GHS - SAFETY DATA SHEET

Varclean Cleaner (with phosphates)

Date: 2021.06.23

## Section 1. Identification of the substance/mixture and of the company/undertaking

### Product identifier

**Product Name** Varclean – Varnish Cleaner (with phosphates)

### Relevant identified uses of the substance or mixture and uses advised against

**Recommended Use** General Purpose Cleaner

**Uses advised against** No information available

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

#### **Supplier**

Tannas Company/Savant Tech (a division of Savant, Inc.)

4800 James Savage Rd.

Midland, MI 48642 USA

989-496-2301

### Emergency telephone number

Emergency Phone 989-496-2301

Fax 989-496-3438

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## Section 2. Hazards Identification



### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Serious eye damage/eye irritation	Category 2A
Germ cell mutagenicity	Category 1B

### GHS Label elements, including precautionary statements

#### Emergency Overview

<b>Signal word</b>	<b>Danger</b>	
<b>Hazard Statements</b> Causes serious eye irritation May cause genetic effects.		
 		
<b>Appearance</b> Clear, light amber	<b>Physical State</b> Viscous liquid	<b>Odor</b> Solvent

### Precautionary Statements - Prevention

Wash hands and any exposed skin thoroughly after handling.  
Wear eye protection such as safety glasses.  
Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.

### Precautionary Statements - Response

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.  
If exposed or concerned: Get medical advice.

### Precautionary Statements - Storage

Store locked up.

### Hazards not otherwise classified (HNOC)

Not applicable.

### Unknown Toxicity

None known

### Other information

Harmful to aquatic life.

### Interactions with Other Chemicals

None known.

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## Section 3. Composition/information on ingredients

Chemical Name	CAS-No	Weight %
Stoddard solvent	8052-41-3	3 - 7
Tall Oil Fatty Acids, Sodium Salts	61790-45-2	1-5%
Pine Oil	8002-09-3	1-5%
Sodium hydroxide	1310-73-2	0.1 - 1

*\*The exact percentage (concentration) of composition has been withheld as a trade secret*

## Section 4. First aid measures

### Description of first-aid measures

- Eye contact: Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
- Skin contact: Rinse skin thoroughly with water. Launder soiled clothing.
- Inhalation: Move to fresh air. If breathing problems develop, call a doctor.
- Ingestion: Drink a glassful of water. Call a doctor or poison control center.

### Most important symptom and effects, both acute and delayed

**Most Important Symptoms/Effects** Irritation of eyes.

### Indication of immediate medical attention and special treatment needed

**Notes to Physician** Treat symptomatically.

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## Section 5. Fire-fighting measures

### **Suitable Extinguishing Media**

Not flammable. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

### **Unsuitable Extinguishing Media**

CAUTION: Use of water spray when fighting fire may be inefficient.

### **Special hazards arising from the substance or mixture**

None known.

### **Explosion Data**

**Sensitivity to Mechanical Impact**            None.

**Sensitivity to Static Discharge**            None.

### **Special protective equipment for fire-fighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## Section 6. Accidental release measures

### **Personal precautions, protective equipment and emergency procedure**

For personal protection see section 8. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

### **Environmental precautions**

Prevent spreading over a wide area by containment or oil barriers. Do not let product enter drains. Do not flush into surface water or sanitary sewer system.

### **Methods and materials for containment and cleaning up**

Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material.

Place contaminated material in disposable containers and bury in an approved landfill site per local, state, and federal regulations.

### **Reference to other sections**

See Section 12 for additional information.

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## Section 7. Handling and storage

### Precautions for Safe Handling

#### **Handling**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes, and clothing. Do not eat, drink, or smoke when using this product.

#### Conditions for safe storage, including incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.

## Section 8. Exposure controls/personal protection

### Control Parameters

#### **Exposure Limits**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Tall oil fatty acids, sodium salts 61790-45-2	None	None	None
Stoddard solvent 8052-41-3	TWA - 100 ppm	None	IDLH - 20 g/m <sup>3</sup> Ceiling - 1.8 g/m <sup>3</sup> (15 min) TWA - 350 mg/m <sup>3</sup>
Pine oil 8002-09-3	None	None	None
Sodium hydroxide 1310-73-2	Ceiling - 2 mg/m <sup>3</sup>	TWA - 2 mg/m <sup>3</sup>	<b>IDLH - 10 mg/m<sup>3</sup></b> <b>Ceiling - 2 mg/m<sup>3</sup></b>

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

### Exposure controls

#### **Engineering Measures**

Showers, Eyewash stations, Ventilation systems.

### Personal protective equipment

#### **Eye Protection**

Use splash goggles and face shield when eye contact may occur.

#### **Skin and Body Protection**

None required for consumer use. Use chemical-resistant gloves if needed to avoid prolonged exposure or repeated skin contact.

#### **Respiratory Protection**

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

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## Hygiene Measures

Remove and wash contaminated clothing before re-use. Avoid contact with skin, eyes, or clothing. Do not eat, drink, or smoke when using this product.

## Section 9. Physical and chemical properties

### Information on basic physical and chemical properties

Physical State	Liquid
Appearance	White/Yellow
Odor	Pine/Petroleum

Property	Values
pH	12.5
Melting Point/Range	N/D
Boiling Point/Boiling Range	N/D
Flash Point	(>) 93°C minimum ASTM D92
Evaporation rate	N/D
Flammability (solid, gas)	N/A
Vapor Pressure at 40°C (mm Hg)	N/D
Vapor Density (air = 1)	N/D
Specific Gravity	~ 1.0
Dynamic viscosity	~180 cP
Relative Density	N/A
Water Solubility	Soluble in water
Solubility in other solvents	N/D
Partition coefficient: n-octanol/water	N/D
Decomposition Temperature	N/D
Auto ignition Temperature	N/D
Explosive Properties	Not explosive
Oxidizing Properties	N/D

### Other information

VOC Content (%)	No information available.
Flammability Limits in Air	No information available.

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## Section 10. Stability and reactivity

### Reactivity

None known.

### Chemical stability

Stable under normal use and storage.

### Possibility of hazardous reactions

None under normal processing.

### Conditions to avoid

None known

### Incompatible materials

None known

### Hazardous decomposition products

None known

## Section 11. Toxicological information

### Production information

<b>Inhalation</b>	Exposure to vapor or mist may irritate respiratory tract.
<b>Eye Contact</b>	May cause minor eye irritation.
<b>Skin Contact</b>	Prolonged contact may cause irritation.
<b>Ingestion</b>	Ingestion may cause irritation to mucous membranes and gastrointestinal tract, nausea, vomiting, and diarrhea.

### Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Stoddard solvent 8052-41-3	>5 g/kg (Rat)	>3 g/kg (Rabbit)	>5.5 g/m <sup>3</sup> (Rat, 4 h)
Pine oil 8002-09-3	3.2 g/kg (Rat)	5 g/kg (Rabbit)	-
Sodium hydroxide 1310-73-2	-	1.35 g/kg (Rabbit)	-

### Information on toxicological effects

Symptoms May cause redness and tearing of the eyes. Inhalation may irritate respiratory tract.

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

<b>Sensitization</b>	No information available.
<b>Mutagenic Effects</b>	Contains a known or suspected mutagen.
<b>Carcinogenicity</b>	Contains no ingredient listed as a carcinogen.
<b>Reproductive Toxicity</b>	No information available.

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<b>STOT – single exposure</b>	No information available.
<b>STOT – repeat exposure</b>	No information available.
<b>Chronic Toxicity</b> <b>Target Organ Effects</b>	Contains a known or suspected mutagen. Possible risks of irreversible effects. May cause adverse liver effects. Respiratory system, eyes, skin, and gastrointestinal tract (GI). May affect the genetic material in germ cells (sperm and eggs).
<b>Aspiration Hazard</b>	Not an aspiration hazard.

## Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document

No information available.

## Section 12. Ecological information

### Toxicity

#### Eco toxicity Effects

Harmful to aquatic life.

#### Persistence and degradability

No information available.

#### Bio accumulative potential

No information available.

#### Other adverse effects

None known.

## Section 13. Disposal considerations

### Disposal methods

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

#### Waste Disposal Methods:

Place contaminated material in disposable containers and bury in an approved landfill site per local, state and federal regulations.



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## Section 14. Transport information

**Note:** The information provided below may not apply to all shipping situations. Consult appropriate Dangerous Goods Regulations for additional requirements and mode-specific, material-specific, or quantity-specific shipping requirements.

**DOT** Not regulated.  
**TDG** Not regulated.  
**IMDG/IMO** Not regulated.  
**ICAO** Not regulated.  
**IATA** Not regulated.

## Section 15. Regulatory information

### Chemical Inventories

TSCA	All components of this product are either on the TSCA 8(b) inventory or otherwise exempt from listing.
DSL/NDSL	All components are on the DSL or NDSL.

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

### U.S. Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals that are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### **SARA 311/312 Hazard Categories**

**Acute Health Hazard** Yes  
**Chronic Health Hazard** Yes  
**Fire Hazard** No  
**Sudden Release of Pressure Hazard** No

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## Clean Water Act

This product contains the following substance that is a regulated pollutant pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium hydroxide 1310-73-2	1000 lb			X

## CERCLA

This material, as supplied, contain the following substance regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

## Hazardous Substances RQs

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Sodium hydroxide 1310-73-2	1000 lb	-	RQ 1000 lb final RQ RQ 454 kg final RQ

## 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	Rhode Island	Illinois
Stoddard solvent 8052-41-3	X	X	X		
Pine oil 8002-09-3	X				
Sodium hydroxide 1310-73-2	X	X	X	X	

## International Regulations

### Canada

#### WHMIS Hazard Class

D2A - Very toxic material

D2B - Toxic material

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## Section 16 Other information

<u>NFPA</u>	Health Hazard	2	Flammability	0	Instability	0	Physical and Chemical Hazards	-
<u>HMIS</u>	Health Hazard	2	Flammability	0	Physical Hazard	0	Personal Protection	B

Issuing Date: 2015 August 17<sup>th</sup>

SDS Revision Date: 2021 June 24<sup>th</sup>

Revision Note: Reviewed and accepted changes

This safety data sheet compiles with the requirements of Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EU) No. 1907/2006

### General Disclaimer

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End of Safety Data Sheet