

GHS - SAFETY DATA SHEET

Varclean II Cleaner

Date: 2021.11.10

Section 1. Identification of the Substance/Mixture and of the Company/Undertaking

Product identifier

Product Name Varclean II – Varnish Cleaner

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


Skin Corrosion/Irritation	Category 2
Causes Serious Eye Irritation	Category 2
May be harmful if inhaled (aspirated)	Category 4

Toxicity

Acute toxicity values for, oral dermal or inhalation are not known however this product is thought to be relatively non-toxic when used in accordance with label instructions. It does not contain any chemicals subject to the reporting requirements of SARA Section 313 (40 CFR 372).

GHS Label elements, including precautionary statements

Emergency Overview

Signal word	Warning
Hazard Statements Causes skin irritation and serious eye irritation Harmful if inhaled (aspirated)	
	
Appearance Yellow/Amber	Physical State Liquid
	Odor Bland

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 ON SKIN: Wash with plenty of water.
If exposed or concerned: Get medical advice.

Precautionary Statements - Storage

Store in closed containers in restricted location.

Hazards not otherwise classified (HNOC)

Not applicable.

Other information

None Identified.

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Section 3. Composition/Information on Ingredients

Chemical Name	CAS-No	Weight %
Butyl Carbitol	111-90-0	0.01 to 2.5%
Ecosurf EH-9	64366-70-7	0.5 to 4.0%
Sodium Metasilicate	6834-92-0	0.5 to 1.5%
Tetra Sodium EDTA	64-02-8	0.1 - 1
Water	7732-18-5	-

**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: Take off contaminated clothing and launder before re-use. Wash skin thoroughly with soap and water. If skin irritation occurs, get medical attention.

Inhalation: Remove exposed person to fresh air if adverse effects are observed.

Ingestion: Rinse mouth. Get medical attention if symptoms occur.

Most important symptom and effects, both acute and delayed:

Symptoms/Effects: Symptoms may be delayed.

Immediate medical attention and special treatment needed

Notes to Physician: Treat symptomatically.

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Section 5. Fire-Fighting Measures

General Fire Hazards:	Product is water based. No unusual fire or explosion hazards noted.
Suitable Extinguishing Media:	Appropriate to primary fire source. Product will tolerate CO ₂ , dry chemical, foam, water spray, water fog.
Unsuitable Extinguishing Media:	Avoid water reactive media.
Special hazards:	Material will not burn until water has boiled off or evaporated. When heated hazardous gases may be released including carbon monoxide, Closed containers may rupture on heating.
Explosion Data	
Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.
Special protective equipment for fire-fighters	
Special procedures:	Dike runoff areas to avoid release to storm sewers or navigable waterways.
Special protective equipment:	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

Do not handle damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away. Ventilate area if spilled in confined space or other poorly ventilated areas. Personal Protective Equipment must be worn,

Environmental precautions

Avoid release to the environment. Do not contaminate water sources or allow to enter storm sewer. Safely prevent further spillage.

Methods and materials for containment and cleaning up

Dike spillage area for later recovery and disposal. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material. Wash area with soap and water. Spilled liquid and dried film are slippery. Use care to avoid falls. Stop the flow of material if this is without risk. Prevent entry into waterways, sewer, basements or confined areas.

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Section 7. Handling and Storage

Precautions for Safe Handling:

Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Do not get in eyes. Avoid contact with skin. Observe good industrial hygiene practices. Provide adequate ventilation. Use personal protective equipment as required. Wash hands thoroughly after handling. Launder contaminated clothing before reuse. Avoid environmental contamination. Avoid breathing mists or vapors. When using do not eat, drink or smoke. Keep containers closed when not in use.

Handling:

Ambient indoor storage. Do not allow to freeze.

Conditions for safe storage, including incompatibilities:

Store away from water reactive, acidic and other incompatible materials. Do not store in open, unlabeled or mislabeled containers. Keep away from children.

Section 8. Exposure Controls/Personal Protection

Control Parameters

Exposure Limits

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Listed ingredients Exposure	Exposure Limits	EU Only	CDC - NIOSH

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.

Engineering Measures:

Showers, Eyewash stations, Ventilation systems.

Personal protective equipment:

Provide easy access to water supply and eye wash facilities. 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

Eye Protection:

Wear tight-fitting goggles or face shield.

Skin and Body Protection:

None required for consumer use. Use chemical-resistant gloves if needed to avoid prolonged exposure or repeated skin contact. Use good industrial hygiene practices to limit or avoid skin contact. If contact may occur wear chemically protective gloves

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.

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.

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Section 9. Physical and Chemical Properties

Information on basic physical and chemical properties

Physical State Liquid
Appearance Yellow/ Amber
Odor Bland

Property	Values
pH	11-12 (Alkaline)
Freezing point:	Approximately that of water
Boiling Point/Boiling Range	Approximately that of water
Flash Point	Boils without Flashing)
Evaporation rate	N/D
Flammability (solid, gas)	N/A
Upper limit - upper (%):	Not Flammable.
Lower limit - lower (%):	Not Flammable.
Explosive limit - upper (%):	Not Explosive
Explosive limit - lower (%):	Not Explosive
Vapor Pressure at 40°C (mm Hg)	Approximately that of water
Vapor Density (air = 1)	Approximately that of water vapor
Relative density:	1.04 68°F (20°C)
Water Solubility	Soluble in water
Solubility in other solvents	N/D
Auto ignition Temperature	Not Flammable
Decomposition Temperature	Boils without decomposing.
Viscosity	Similar to that of water.
Volatile Organic Compounds (VOC)	< 2 %

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Section 10. Stability and Reactivity

Reactivity

Stable under ambient conditions

Chemical stability

Performance deteriorates in the presence of acidic material.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

Do not freeze or blend with acids.

Incompatible materials

Strong acids and water reactive chemicals or metals.

Hazardous decomposition products

Thermal decomposition or combustion following loss of water content may liberate carbon oxides and other toxic gases or vapors.

Section 11. Toxicological Information

Production information

Inhalation	Avoid inhaling mist.
Eye Contact	May cause minor eye irritation.
Skin Contact	Prolonged contact may cause irritation. Wash off with water if exposed.
Ingestion	Do not swallow.

Information on toxicological effects:

Acute Toxicity Oral: Swallowing material may cause irritation of the gastrointestinal lining, nausea, vomiting, diarrhea, and abdominal pain. Swallowing this material causes irritation of mouth, esophagus and stomach, with nausea, vomiting, diarrhea and abdominal pain. Seek immediate medical attention.

Dermal: Not classified for acute toxicity based on available data.

Inhalation: Avoid inhalation of mists or vapors. Not classified for acute toxicity based on available data.

Skin Corrosion/Irritation: Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis. Symptoms may include redness, edema, drying, and cracking of the skin.

Serious Eye Damage/Eye Irritation: Mist may cause irritation. Causes serious eye irritation.

Respiratory sensitization: No data available

Skin sensitization: Not a skin sensitizer.

Specific Target Organ Toxicity - Single Exposure:

Mist or vapors from heating may cause irritation of upper respiratory tract.

Aspiration Hazard: No data available.

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Chronic Effects:

Carcinogenicity: It is not anticipated that the hazard of carcinogenicity will result from workplace exposure to this product or its solutions.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:
Not classifiable as to its carcinogenicity to humans.

US. National Toxicology Program (NTP) Report on Carcinogens:
See section 8 of this SDS

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):
See section 8 of this SDS

Germ Cell Mutagenicity: Not classified per NIOSH

Reproductive Toxicity: Not classified per NIOSH. .

Specific Target Organ Toxicity - Repeated Exposure:
Prolonged or repeated skin contact product mixture may cause dermatitis with redness, edema, drying, and cracking of the skin.

Section 12. Ecological Information

Ecotoxicity Effects: Product considered toxic to aquatic life. Waste from normal product use may be disposed of in an EPA Permitted Publicly Owned Treatment Works (POTW) in compliance with applicable Federal / Provincial / State / Local / Municipal pretreatment requirements or a qualified Septic system.

Section 13. Disposal Considerations

Disposal methods: Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Dispose of packaging or containers in accordance with local, regional, national and international regulations. Empty container contains product residue which may exhibit hazards of product.

Used Packaging: Container packaging may exhibit residual hazards.

California Waste Code: 561 (Detergent and Soap)

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

US Federal Regulations

Toxic Substances Control Act (TSCA): The ingredients in this product are listed or are exempt from listing on the U.S. Toxic Substances control Act (TSCA) Chemical Substance Inventory .

Superfund Amendments and Reauthorization Act of 1986 (SARA)

This product does not contain any SARA 302 Extremely Hazardous Substances in regulated quantities.

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US State Regulations: None identified.

Canadian Regulations: Diethylene Glycol Monobutyl Ether appears on Canada's Natural Health Products Ingredients Database as "butoxydiglycol" for use as a Fragrance Ingredient, Solvent, or Viscosity Degreasing Agent effective September 14, 2015.

Section 16 Other Information

<u>HMIS</u>	Health Hazard	2	Flammability	0	Physical Hazard	0		
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Issuing Date: 2021 September 29th

SDS Revision Date:

Revision Note:

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