

GHS - SAFETY DATA SHEET

Date: 2021.03.08

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

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

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

Precautionary Statements - Disposal

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

Hazards not otherwise classified (HNOC)

Not applicable.

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Unknown Toxicity

8.7% of the mixture consists of ingredients of unknown toxicity.

Other information

Harmful to aquatic life.

Interactions with Other Chemicals

None known.

Section 3. Composition/information on ingredients

Chemical Name	CAS-No	Weight %	EU-GHS Substance Classification
Water		50%	
Petroleum Distillates	64742-58-1 and/or 64742-62-7	<30%	5mg/M3 TWA ACG1H
Tall Oil Fatty Acids, Sodium Salts	61790-45-2	1-5%	Not established
Pine Oil	8002-09-3	1-5%	Not established

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: Wash skin thoroughly with soap and water. Launder soiled clothing.
- Inhalation: Move to fresh air. If breathing problems develop, call a doctor.
- Ingestion: If material is swallowed, 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 symptoms

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Section 5. Fire-fighting measures

Suitable Extinguishing Media

Carbon dioxide, CO₂, dry chemical, foam, water fog.

Unsuitable Extinguishing Media

Water may be ineffective in fighting an oil fire.

Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

None in particular.

Advice for firefighters

Special protective equipment for fire-fighters

As in any fire, wear self-contained breathing apparatus 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.

Section 7. Handling and storage

Precautions for Safe Handling

Handling

Minimize breathing vapor, mist or fumes. Avoid prolonged or repeated contact with skin. Cleanse skin thoroughly after contact, before breaks and meals; and at the end of the work period. Product is readily removed from skin by washing thoroughly with soap and water. Regular laundering of contaminated clothing is essential to reduce indirect skin contact with this material. Handle in accordance with good industrial hygiene and safety practice.

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Conditions for safe storage, including incompatibilities

Keep containers closed when not in use and store in a cool, dry, ventilated area. Do not handle or store near heat, sparks, flame or strong oxidants.

Specific end use(s)

Exposure Scenario

No information available.

Other Guidelines

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

Section 8. Exposure controls/personal protection

Control Parameters

Exposure Limits

Derived No Effect Level No information available

Predicted No Effect Concentration (PNEC) No information available

Exposure controls

Engineering Measures Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

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

Skin and Body Protection Use chemical-resistant apron or other impervious clothing, if needed, to avoid prolonged exposure or repeated skin contact.

Hand Protection Use chemical-resistant gloves if needed to avoid prolonged exposure or repeated skin contact.

Respiratory Protection If exposure exceeds TLV, use appropriate NIOSH approved respiratory protection.

Environmental Exposure Controls No information available

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Section 9. Physical and chemical properties

Information on basic physical and chemical properties

Physical State Liquid **Appearance** White/Yellow

Odor Pine/Petroleum

Property	Values	Remarks/Method
pH	12.5	None known
Melting Point/Range	N/D	None known
Boiling Point/Boiling Range	N/D	None known
Flash Point	(>) 93°C minimum ASTM D92	None known
Evaporation rate	N/D	None known
Flammability (solid, gas)	N/A	None known
Vapor Pressure at 40°C (mm Hg)	N/D	None known
Vapor Density (air = 1)	N/D	None known
Specific Gravity	~ 1.0	None known
Relative Density	N/A	None known
Water Solubility	Nil	None known
Solubility in other solvents	N/A	None known
Partition coefficient: n-octanol/water	N/A	None known
Decomposition Temperature	N/A	None known
Auto ignition Temperature	N/D	None known
Viscosity	N/A	None known
Explosive Properties	N/A	None known
Oxidizing Properties	N/A	None known

Other information

VOC Content (%) No information available.

Flammability Limits in Air No information available.

Section 10. Stability and reactivity

Reactivity

Not reactive under normal conditions.

Chemical stability

Stable under normal use and storage.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

High temperatures and open flames.

Incompatible materials

Strong oxidizing agents

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Hazardous decomposition products

May produce oxides of carbon

Hazardous polymerization

Will not occur

Section 11. Toxicological information

Acute Toxicity

Production information

Inhalation	Breathing mineral oil mists at levels above TLV may cause respiratory irritation and possible discomfort. Acute aspiration of large amounts of oil-laden material may produce serious aspiration pneumonia. Repeated aspiration of small quantities of mineral oil can produce chronic inflammation of the lungs that may progress to pulmonary fibrosis. Inhalation exposure to oil mists below current workplace exposure limits is unlikely to cause pulmonary abnormalities.
Eye Contact	May cause minor eye irritation.
Skin Contact	Material expected to cause no more than minor skin irritation following prolonged or repeated contact.
Ingestion	Not expected to be acutely toxic by ingestion. Abdominal discomfort, nausea and diarrhea may occur.
Medical Conditions Aggravated by Exposure	None known.
Sensitization	No information available.
Mutagenic Effects	No information available.
Carcinogenic Effects	No information available.
Reproductive Toxicity	No information available.
Developmental Toxicity	No information available.
STOT – single exposure	No information available.
STOT – repeat exposure	No information available.
Aspiration Hazard	No information available.

Section 12. Ecological information

Toxicity

Eco toxicity Effects

Keep out of sewers, drainage areas and waterways. Report spills and releases as applicable under federal and state regulations.

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Persistence and degradability

Expected to be not readily biodegradable. Product contains components that may persist in the environment.

Bio accumulative potential

Contains components with the potential to bio accumulate.

Mobility in soil

Liquid under most environmental conditions. Floats on water. If it enters soil, it will adsorb to soil particles and will not be mobile.

Results of PBT and vPvB assessment

N/A

Other adverse effects

Not expected to have ozone depletion potential, photochemical ozone creation potential or global warming potential.

Section 13. Disposal considerations

13.1 Waste treatment methods

Waste from Residues/Unused Products

Waste Disposal Methods:

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

Section 14. Transport information

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

IMDG/IMO

14.1 UN-Number	Not regulated.
14.2 Proper Shipping Name	Not regulated.
14.3 Hazard Class	Not regulated.
14.4 Packing Group	Not regulated.
Description	Not regulated.
14.5 Marine Pollutant	None.
14.6 Special Provisions	None.
14.7 Transport in bulk according	No information available.

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To Annex II of MARPOL 73/78 and
The IBC Code

RID

14.1 UN-Number	Not regulated
14.2 Proper Shipping Name	Not regulated.
14.3 Hazard Class	Not regulated.
14.4 Packing Group	Not regulated.
Description	Not applicable.
14.5 Environmental hazard	None.
14.6 Special provisions	None.

ADR

14.1 NU-Number	Not regulated.
14.2 Proper Shipping Name	Not regulated.
14.3 Hazard Class	Not regulated.
14.4 Packing Group	Not regulated.
Description	Not applicable.
14.5 Environmental hazard	None.
14.6 Special Provisions	None.

IACO

14.1 UN-Number	Not regulated.
14.2 Proper Shipping Name	Not regulated.
14.3 Hazard Class	Not regulated.
14.4 Packing Group	Not regulated.
Description	
14.5 Environmental Hazard	None.
14.6 Special Provisions	None.

IATA

14.1 UN-Number	Not regulated.
14.2 Proper Shipping Name	Not regulated.
14.3 Hazard Class	Not regulated.
14.4 Packing Group	Not regulated.
Description	Not applicable.
14.5 Environmental hazard	None.
14.6 Special Provisions	None.

U.S. DOT: Not Dangerous Goods

IMDG: Not Dangerous Goods

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Section 15. Regulatory information

US Federal Regulations	
EPA – SARA Title III/CERCLA	This product is related under Section 311/312. This product contains no chemicals that are regulated under Section 313 and contains sodium hydroxide (<1%), which is regulated under Section 304/CERCLA.
TSCA 8 (b)	All components of this product are either on the TSCA 8(b) inventory or otherwise exempt from listing.
TSCA 12(b)	This product is not subject to TSCA 12(b) reporting requirements.

International Inventories

TSCA	Complies
EINECS/ELINCS	N/A
DSL/NDSL	N/A
ENCS	N/A
IECSC	N/A
AICS	N/A
KECL	N/A

Legend

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

EINECS/ELINCS – European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

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

PICCS – Philippines Inventory of Chemicals and Chemical Substances

ENCS – Japan Existing and new Chemical Substances

IECSC – China Inventory of Existing Chemical Substances

AICS – Australian Inventory of Chemical Substances

KECL – Korean Existing and Evaluated Chemical Substances

Chemical Safety Assessment

No information available

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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

No information available

Issuing Date: 2015 August 17th

SDS Revision Date: 2021 March 8th

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

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End of Safety Data Sheet