

SAFETY DATA SHEET (SDS)

UN GLOBALLY HARMONIZED SYSTEM (GHS) FOR HAZARD COMMUNICATION

DISC CLEANING SPRAY					
	Warning	Warning	Danger	Danger	Warning
HEALTH		2			
FLAMMABILITY		2			
PHYSICAL HAZARD		0			
PERSONAL PROTECTION		H			

SECTION 1: IDENTIFICATION

TUE 3-OCT-2017 15:00

1.1 Product Identification

GHS Product Identifier/Label	Disc cleaning spray
Product Codes/Names	Sani Kit

1.2 Recommended Use of the Chemical and Restrictions on Use

Recommended Use	CD DVD cleaning
Restrictions On Use	None identified

1.3 Supplier's Details

Company VENMILL INDUSTRIES
30 TOWN FOREST RD
OXFORD MA 01540-2833
USA



EMERGENCY Information Services

VENMILL: In United States, Canada, Puerto Rico, and the US Virgin Islands: 1-866-864-0210; Outside the United States: +01 or +001 508-363-0410 (call collect). Customer Support hours are Monday - Friday from 8:30 AM - 5:00 PM Eastern time (GMT-05:00).

IF A PERSON HAS COLLAPSED, HAD A SEIZURE, HAS TROUBLE BREATHING, OR CANNOT BE AWAKENED, IMMEDIATELY CALL LOCAL EMERGENCY MEDICAL SERVICES (EMS).

REFER TO SDS SECTION 4, THE USA POISON HELP LINE AT 1-800-222-1222, OR USE POISONHELP.ORG

SECTION 2: HAZARD IDENTIFICATION

2.1 Classification of the Substance or Mixture

Hazard Category Serious eye damage/eye irritation Cat 2

Flammable Liq Cat 2
 Specific target organ tox, single exp. Cat 3 (narcotic effects)
 Specific target organ tox, single exp. Cat 3 (resp irrit)
 Hazard to aquatic environment, acute Cat 1

2.2 GHS Label Elements

Hazard Pictograms



Signal Words

FLAME **Warning** HEALTH HAZARD **Warning** ENVIRONMENT **Danger** CORROSION **Danger** EXCLAMATION MARK **Warning**

Hazard Statements

H319: Causes serious eye irritation
 H225: Highly flammable liquid and vapour
 H336: May cause drowsiness or dizziness
 H335: May cause respiratory irritation
 H400: Very toxic to aquatic life

Precautionary Statements

P103: Read label before use

P102: Keep out of reach of children

P101: If medical advice is needed, have product container or label at hand

P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking

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

P211: Do not spray on an open flame or other ignition source

P261: Avoid breathing dust/fume/gas/mist/vapours/spray

P264: Wash thoroughly after handling

P285: In case of inadequate ventilation wear respiratory protection

2.3 Unclassified Contributing Hazards

None identified.

2.4 HMIS® Ratings

HEALTH	2
FLAMMABILITY	2
PHYSICAL HAZARD	0
PERSONAL PROTECTION	H

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Chemical Identity	Common Name	CAS	EC	REACH	Impurity Additives
Ammonia	Cleaner	7664-41-7			

Isopropanol	IPA	67-63-0			
Sodium Ethyl Sulfate	Conditioner	546-74-7			
Citrus aurantium	Fragrance	8008-57-9			
Erioglaucine disodium salt	Coloring	3844-45-9			

3.2 Mixtures

Chemical Identity	Common Name	CAS	EC	REACH	Mass Volume (%)
Ammonia	Cleaner	7664-41-7			TBD
Isopropanol	IPA	67-63-0			TBD
Sodium Ethyl Sulfate	Conditioner	546-74-7			TBD
Citrus aurantium	Fragrance	8008-57-9			TBD
Erioglaucine disodium salt	Coloring	3844-45-9			TBD

SECTION 4: FIRST-AID MEASURES

4.1 Description of Necessary First-Aid Measures

EMERGENCY	<p>IF A PERSON HAS COLLAPSED, HAD A SEIZURE, HAS TROUBLE BREATHING, OR CANNOT BE AWAKENED, IMMEDIATELY CALL LOCAL EMERGENCY MEDICAL SERVICES (EMS).</p> <p>REFER TO SDS SECTION 4, THE USA POISON HELP LINE AT 1-800-222-1222, OR USE POISONHELP.ORG</p>
General	<p>Movement of the exposed individual from the area to fresh air is recommended.</p> <p>Personal Protective Equipment (PPE) for first-aid responders is recommended.</p>
Inhalation	<p>In case of inhalation exposure: Remove source of exposure or move person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms, call local Emergency Medical Services (EMS). If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by EMS.</p>
Skin	<p>In case of skin exposure: Take off immediately contaminated clothing. Rinse skin with water/shower and mild soap for 5 minutes or until product is removed. Store contaminated clothing under water and wash before re-use or discard.</p>
Eye	<p>In case of eye exposure: Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists, get medical advice/attention.</p>
Ingestion	<p>In case of ingestion: Immediately call local Emergency Medical Services (EMS). Do NOT induce vomiting. If vomiting occurs naturally, lie person on side, in the recovery position.</p>

4.2 Most Important Symptoms/Effects, Acute and Delayed

May cause Central Nervous System (CNS) depression. Causes serious eye irritation. May cause drowsiness or dizziness.

4.3 Indication of Immediate Medical Attention and Treatment Needed

If Central Nervous System (CNS) effects (headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness) occur, call local Emergency Medical Services (EMS).

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing Media

UL-rated 3-A:40-B:C extinguisher is suggested. Suitable media: Carbon dioxide {CO₂}; dry chemical {sodium bicarbonate NaHCO₃, potassium bicarbonate KHCO₃}; low-expansion aqueous film forming foams (AFFF) {1,3-Propanediol CH₂(CH₂OH)₂, 2-Methyl-2,4-pentanediol (CH₃)₂C(OH)CH₂CH(OH)CH₃ + Dodecanol CH₃(CH₂)₁₀CH₂OH}.

5.2 Special Hazards Arising from Chemicals

No specific data available.

5.3 Special Protective Actions for Fire-Fighters

Firefighters should wear Self-Contained Breathing Apparatus (SCBA) and full protective equipment.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protective equipment (PPE) respirator.

6.2 Environmental Precautions

Remove sources of ignition. Avoid contamination of water supplies. Report spills as required.

6.3 Methods and Materials for Containment and Cleaning Up

Observe precautions from other sections. Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Collect as much of the spill material as possible. Clean up residue with detergent and water.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment (PPE). Wash thoroughly after handling. Consider potential exposure to processed base materials or coatings.

7.2 Conditions for Safe Storage

Store away from acids and oxidizing agents. Keep from freezing.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

Substances with Exposure Limits (Air/Biological)	Cal/OSHA-PEL	ACGIH® TLV®	EU	Other
Isopropanol	(US Feb-2013). 400-ppm 8-hr TWA. 980-mg/m ³ 8-hr TWA	(US Mar-2015) 200-ppm 8-hr TWA. 400-ppm 15-min STEL		NIOSH REL (US Oct-2013): 400-ppm 10-hr TWA. 980-mg/m ³ 10-hr TWA. 500-ppm 15-min STEL. 1225-mg/m ³ 15-min STEL
Water	None	None	None	None
Aqua Ammonia	None	None	None	None

8.2 Appropriate Engineering Controls

Air Concentration	Maintain air concentrations below occupational exposure standards.
Local Exhaust Ventilation	Use local exhaust when cleaning.
Equipment Restrictions	Use in enclosed systems, where possible.
Handling Reduction	Wear gloves; use mechanical handling to reduce human contact.
Environmental Exposure Controls	No special considerations. Avoid release of material to surface waters.
Additional Information	Observe good chemical hygiene practices. Do not smoke or eat while using this product. Wash hands or exposed skin after using the product.

8.3 Individual Protection Measures and Personal Protective Equipment

Eye/Face Protection	Avoid eye contact. Wear safety glasses or face shield per ANSI/ISEA Z87.1-2015 "American National Standard for Occupational and Educational Personal Eye and Face Protection Devices".
Skin Protection	Avoid skin contact. Wear nitrile rubber protective gloves per ANSI/ISEA 105-2016 "American National Standard for Hand Protection Classification". Wear protective clothing per ISO 13688:2013 "Protective clothing -- General requirements" standard.
Respiratory Protection	Avoid breathing dusts, vapors, mists, or spray. Wear respirator per ANSI/ASSE Z88.2-2015 "Practices for Respiratory Protection" standard.
Hearing Protection	No specific data available.
Thermal Hazards	No specific data available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES AND SAFETY CHARACTERISTICS

9.1 Physical/Chemical Properties

Physical State	Liquid
Color	Blue
Odor	Cleaner
Solubility	Insoluble

pH	7.2
Density or Relative Density	0.91 (H ₂ O = 1)
Relative Vapor Density	>1 (O ₂ = 1)

9.2 Other Information No other information.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity No specific data available.

10.2 Chemical Stability Product is stable at room temperature.

10.3 Possibility of Hazardous Reactions None known.

10.4 Conditions to Avoid Avoid sparks, flames, excessive heat.

10.5 Incompatible Materials Strong acids and oxidizing agents.

10.6 Hazardous Decomposition Products Polymerization will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Toxicological Health Hazards

Acute Toxicity	No specific data available.
Skin Corrosion/Irritation	May cause skin irritation
Serious Eye Damage/Irritation	May cause irritation with redness and tearing.
Respiratory or Skin Sensitization	No specific data available.
Germ Cell Mutagenicity	Health effects information is not available.
Carcinogenicity	Health effects information is not available.
Reproductive Toxicity	Health effects information is not available.
STOT-Single Exposure	Health effects information is not available.
STOT-Repeated Exposure	Health effects information is not available.
Aspiration Hazard	Mists may cause mild irritation to nose, throat, and upper respiratory tract.

11.2 Likely Routes of Exposure Health effects information is not available.

11.3 Symptoms Related to Toxicological Characteristics Health effects information is not available.

11.4 Delayed, Immediate, Chronic Effects of Short/Long Term Exposure	Health effects information is not available.
11.5 Numerical Measures of Toxicity	Health effects information is not available.
11.6 Interactive Effects	Health effects information is not available.
11.7 Where Specific Data Are Not Available	Health effects information is not available. Generic Ammonia and Alcohol data have been used, where appropriate.
11.8 Mixtures	Health effects information is not available.
11.9 Mixture vs. Ingredient Information	Health effects information is not available.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	No specific data available.
12.2 Persistence and Degradability	No specific data available.
12.3 Bioaccumulative Potential	No specific data available.
12.4 Mobility in Soil	No specific data available.
12.6 Other adverse effects	No specific data available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Disposal Methods

Safety of Persons	For the safety of persons conducting disposal, recycling, or reclamation activities, refer to information in section 8 (exposure controls and personal protection) of this SDS.
Proper Disposal	Dispose at a waste disposal installation for the incineration, chemical treatment, or landfill of toxic and dangerous waste.
Sewage Disposal	Many sewage treatment agencies responsible for wastewater treatment discourage or forbid disposal into sanitary sewers.
Landfill Precautions	Packaging of product may contain small amounts of residual product which can be discarded.

SECTION 14: TRANSPORT INFORMATION

14.1 UN Model Regulations

UN Number	Not listed; no action required.
UN Proper Shipping Name	Not regulated; no action required.

Transport Hazard Class(es)	Not listed; no action required.
Packing Group	Not listed; no action required.
Environmental Hazards	Information not available (N/A) or relevant.
Special Precautions for User	Information not available (N/A) or relevant.
Transport in Bulk per Annex II of MARPOL 73/78 & IBC Code	Not listed; no action required.

14.2 Intermodal Shipment Declarations

DOT FMCSA	Not listed; no action required.
ADR	Not listed; no action required.
IMO IMDG	Not listed; no action required.
IATA DGR	Not listed; no action required.

SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations

TSCA 21st	Not regulated; no action required.
AICS	Not regulated; no action required.
SARA	Not regulated; no action required.
EPCRA §§311-312	Not regulated; no action required.
EPCRA §313	Not regulated; no action required.
CERCLA	Not listed; no action required.
RCRA	Not listed; no action required.
REACH	Not regulated; no action required.
WHMIS	Class B - Flammable and Combustible Material; Division 2: Flammable Liquid Class D - Poisonous and Infectious Material; Division 2: Materials causing other toxic effects; Subdivision B: Toxic material

SECTION 16: OTHER INFORMATION

16.1 Revision Date	Tue 3-Oct-2017 15:00
16.2 Revision Letter	A1
16.3 Revision Notes	A1: Conversion to UN GHS 2017 SDS format
16.4 Key/Legend Glossary of Terms Used	DOT FMCSA: US Department of Transportation Federal Motor Carrier Safety Administration {49 CFR §390 et seq.} 2017 ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road {UN ECE/TRANS/42 (Vol I)} 2015 IMO IMDG: International Maritime Dangerous Goods Code {IMDG Code 2014 Edition (Amendment 37-14)} 2014

IATA DGR: International Air Transport Association Dangerous Goods Regulations {2017 DGR Regular 58th ed. (En.)} 2017

TSCA 21st: US Frank R. Lautenberg Chemical Safety for the 21st Century Act {15 USC §2601 et seq.} 2016

AICS: Australian Inventory of Chemical Substances (AICS) {Industrial Chemicals (Notification and Assessment) Act C2013C00643} 1989

SARA: US Superfund Amendments and Reauthorization Act {42 USC §9601 et seq.} 1986

EPCRA §§311-312: US Emergency Planning and Community Right-to-Know Act; Hazardous Chemical Inventory Reporting Requirements {40 CFR §370} 1986

EPCRA §313: US Emergency Planning and Community Right-to-Know Act; Toxics Release Inventory {40 CFR §370} 1986

CERCLA: US Comprehensive Environmental Response, Compensation, and Liability Act - Superfund {42 USC §9601 et seq.} 1980

RCRA: Resource Conservation and Recovery Act {40 CFR §§239-282} 2012

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals {Regulation (EC) No 1907/2006 amended by Commission Regulation (EU) 2017/999 and Commission Regulation (EU) 2017/1510} 2017

WHMIS: Canada Workplace Hazardous Materials Information System {SOR/2015-17} 2015

16.5 SDS Compliance

GHS: UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS) {United Nations Economic Commission for Europe (UNECE) ST/SG/AC.10/30/Rev.7} 2017

OSHA: US Department of Labor Occupational Safety and Health Administration {Hazard Communication Standard (HCS) 29 CFR §1910.1200(g)} 2012

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals {Regulation (EC) No 1907/2006 amended by Commission Regulation (EU) 2017/999 and Commission Regulation (EU) 2017/1510} 2017

WHMIS: Canada Workplace Hazardous Materials Information System {SOR/2015-17} 2015

HMIS®: American Coatings AssociationSM (ACA) Hazardous Materials Identification System (HMIS®) {HMIS® Implementation Manual, Fourth Edition} 2017

PICTOGRAM: United Nations Economic Commission for Europe (UNECE) Pictograms {URL: <https://www.unece.org/trans/danger/publi/ghs/pictograms.html>} 2017

16.6 Employer Responsibilities

Employers must ensure that Safety Data Sheets (SDS) for all hazardous chemicals in their workplace are readily accessible to Employees. SDS access and distribution should be considered for Consumers, Employees, former Employees, and Contractors. Employers should designate person(s) responsible for obtaining and maintaining SDS. If the Employer does not have an SDS, the Employer or designated person(s) should contact the Manufacturer to obtain a current version. Under the US OSHA Access to Employee Exposure and Medical Records standard {29 CFR §1910.1020}, Employers are required to keep a record of Employee exposure to hazardous materials at work. These "Employee exposure records" shall be retained 30+ years after their employment has ended.

16.7 SDS Distribution

Safety Data Sheets (SDS) must be distributed to direct Customers (distributors) at the time of first product shipment. When a SDS is updated, it must be sent with the next product shipment or within three (3) months of learning of "new or significant information". This SDS must be transmitted, stored, recovered, printed, rendered, and copied in its entirety (sections 1-16) and in full color to lawfully depict the branding, Hazard Pictograms, HMIS® ratings, and statements with emphasis.

16.8 Disclaimer

The information contained herein is considered the best available for compliance at the revision date. No warranty is expressed or implied regarding data accuracy. Use of this product is not within the control of the supplier; it is the user's obligation to determine the suitability of the product for its intended application and to assume all risk and liability for its safe use.

16.9 EMERGENCY

IF A PERSON HAS COLLAPSED, HAD A SEIZURE, HAS TROUBLE BREATHING, OR CANNOT BE AWAKENED, IMMEDIATELY CALL LOCAL EMERGENCY MEDICAL SERVICES (EMS).

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END OF SDS: DISC CLEANING SPRAY