

SAFETY DATA SHEET

Product Name: RainguardPro® VandlClean™ Super
Product Codes: VG-7300, VG-7301

SECTION 1: Identification

MANUFACTURER: Rainguard Brands, LLC
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REVISION DATE: 10/25/21

SECTION 2: Hazards Identification

OSHA/HCS Status: Flammable liquid / Flammable Category 3

GHS label elements :



Signal Words: Danger

Hazard statements: Flammable liquid and vapor. Causes serious eye damage. Causes skin irritation. May be harmful if swallowed or enters airways.

PRECAUTIONARY STATEMENTS

General: Read label before use. Keep out of reach of children. If medical advice is needed, have a product container or label on hand. Keep away from heat, hot surfaces, sparks, open flames and

other ignition sources. No smoking. Do not eat, drink or smoke when using this product.

Prevention:	Wear protective gloves. Wear eye or face protection.
Storage:	Store in a well-ventilated place. Keep cool.
Disposal:	Not applicable
Hazards not otherwise classified:	None known
EYES	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
SKIN	Take off immediately any contaminated clothing. Rinse skin with water.
INGESTION	Rinse mouth. Do NOT induce vomiting.
INHALATION	May be harmful if inhaled; May cause respiratory tract irritation

SECTION 3: Composition

HAZARDOUS COMPONENTS	CAS #	% BY MASS
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SECTION 4: First Aid Measures

Get immediate medical attention for any significant overexposure.

EYE EXPOSURE:	Flush eyes with running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. Seek immediate medical attention.
SKIN EXPOSURE:	Wash exposed areas with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse.

INHALATION:	Move victim to fresh air. If the victim has difficulty breathing, administer oxygen. If breathing has stopped, initiate CPR. Seek immediate medical attention.
INGESTION:	Never give an unconscious person anything to drink. If conscious, treat for shock. Seek immediate medical assistance or the nearest poison control center. If conscious, induce vomiting. If unconscious and vomiting, turn the victim to their side to avoid choking.
CARCINOGENICITY:	NTP: No IARC Monographs: No OSHA Regulated: No

SECTION 5: Fire Fighting Measures

FLASH POINT:	109°
METHOD	N/A
LOWER EXPLOSION LIMIT:	Not available
UPPER EXPLOSION LIMIT:	Not available
AUTOIGNITION TEMPERATURE:	Not available
EXTINGUISHING MEDIA:	CO2, dry chemical or water fog.
HAZARDOUS COMBUSTION PRODUCTS:	Carbon monoxide and carbon dioxide can form. Smoke, fumes.
PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:	Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA). If water is used, fog nozzles are preferable. Use water to cool closed containers.
FIRE AND EXPLOSION CONDITIONS:	This product not expected to ignite under normal conditions of use.

SECTION 6: Accidental Release Measures

Remove and eliminate all ignition sources. Control the source of the spill. Ventilate confined spaces. Avoid breathing vapors or mist. Dike and soak up spill with absorbent material such as sand or Fuller's Earth. Recover free liquid and absorbent material from spill area and shovel or broom into appropriate chemical waste containers for proper disposal. Persons performing clean up should wear adequate personal protective equipment and clothing. Keep out of storm drains, sewers and waterways. Observe all local, state and federal laws and regulations regarding spills, clean-up, removal, discharge and disposal.

SECTION 7: Handling and Storage

Keep containers tightly closed when not in use. Do not store or handle near a heat source, sparks, open flame or strong oxidizing materials. Use and store only in cool and well-ventilated areas. Care should be taken to prevent moisture condensation in the container. Avoid breathing vapors. Avoid contact with skin. Keep out of the reach of children.

SECTION 8: Exposure Controls and Personal Protection

The recommendations described in this section are provided as general guidance for minimizing exposure when handling this product. Because use conditions will vary depending upon customer applications, specific safe handling procedures should be developed by a person knowledgeable of the intended use, working conditions, and equipment.

RESPIRATORY PROTECTION: Use in a well ventilated and/or open area. Use appropriate NOISH approved organic vapor cartridge respirator equipment when occupational exposure limits are exceeded.

VENTILATION: Local exhaust and or mechanical ventilation in confined or poorly ventilated spaces are recommended. Respiratory equipment approved for organic vapors and mists if there is a risk of exposure to vapor.

PROTECTIVE GLOVES: Wear Neoprene or non-soluble plastic gloves.

EYE PROTECTION: Use Approved splash goggles.

PROTECTIVE CLOTHING: Wear long sleeve clothing selected for condition exposure potential. Overalls recommended.

INDUSTRIAL HYGIENE: Before eating or smoking, wash hands and face to remove residual contamination.

SECTION 9: Physical and Chemical Properties

BOILING POINT: 392° F (200° C)

VAPOR DENSITY (AIR =1):	1.0
FLASH POINT (Abel closed cup):	109° (43°C)
FLAMMABILITY/EXPLOSIVE LIMITS:	No data available
pH:	7.2
MATERIAL V.O.C.:	<25 g/L
SPECIFIC GRAVITY (H2O = 1):	1.075
EVAPORATION RATE (ETHER = 1):	No data available
VISCOSITY:	65 KU
MELTING/FREEZING POINT (°C):	0 °C (32 °F) similar to water
SOLUBILITY IN WATER:	Dispersible
APPEARANCE & ODOR:	Colored liquid with orange scent
VAPOR PRESSURE (mm HG):	No data available

SECTION 10: Stability and Reactivity

SUBSTANCES TO AVOID:	Strong oxidizing agents.
CHEMICAL STABILITY:	Stable under recommended storage conditions. DO NOT FREEZE.
POSSIBILITY OF HAZARDOUS REACTIONS:	Hazardous polymerization does not occur.
HAZARDOUS DECOMPOSITION OR THERMAL BYPRODUCTS:	Carbon dioxide and carbon monoxide.
CONDITIONS TO AVOID:	Keep away from flames and sources of ignition.

SECTION 11: Toxicological Information

TOXICOLOGICAL INFORMATION

There is no data available on the product itself.

GENERAL INFORMATION

The product has been assessed following the conventional method and is classified for toxicological hazards accordingly. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short term and long term exposure by oral, inhalation and dermal routes of exposure and eye contact, see sections 3 and 15 for

the resulting hazard classification.

INGESTION

Ingestion may result in sore throat, abdominal pain, or nausea.

SKIN CONTACT

Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

EYE CONTACT

Splashes in the eyes may cause irritation and reversible local damage


SECTION 12: Ecological Information

No Data Available

SECTION 13: Disposal Considerations

DISPOSAL: Do not allow material to contaminate or cause to be discharged into any storm drain, lake, stream, pond, underground water supplies or any body of water. Incinerate and or bury waste and containers at an approved facility. Dispose of waste materials and containers in accordance with all federal, state and local health, safety and environmental regulations.

SECTION 14: Transportation Information

DOT (US):	N/A
CANADA (TDG):	N/A
DOT PROPER SHIPPING NAME:	UN1993, Flammable Liquid, n.o.s., (Terpene Hydrocarbon, Ethyl Alcohol, 3, PG III
UN / NA Number:	UN1993
Hazard Class:	 UN1993, Flammable liquid, n.o.s., (Terpene Hydrocarbon, Ethyl Alcohol), 3, PG III
Packing Group:	PG III

SECTION 15: Regulatory Information

NORTH AMERICAN INVENTORIES:

All components listed or exempt from the TSCA inventory. This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

CANADIAN REGULATIONS**WHMIS Classification:**

D2A
This is a “controlled product” under the Canadian Workplace Hazardous Materials Information System (WHMIS)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR.

OTHER REGULATIONS:

Regulatory VOC (less water and exempt solvent)
<25 g/L

SECTION 16: Other Information**HMIS RATING:**

HEALTH 1
FLAMMABILITY 3
REACTIVITY 0
PPE A

KEY:

0 = Minimum
1 = Slight
2 = Moderate
3 = Serious
4 = Severe

LEGEND:

ACGIG - American Conference of Governmental Hygienists	IARC - International Agency for Research on Cancer
OSHA - Occupational Safety and Health Administration	TSCA - Toxic Substances Control Act
DOT - Department of Transportation	MSHA - Mine Safety Health Administration
PEL - Permissible Exposure Limit	TWA - Time Weighted Average
DSL - Domestic Substance List	NDSL - Non-Domestic Substance List
RCRA - Resource Conservation and Recovery Act	V - Volume

EPA - Environmental Protection Agency	NIOSH - National Institute for Occupational Safety Health
STEL - Short Term Exposure Limit	VOC - Volatile Organic Compound
HMIS - Hazardous Materials Information System	NTP - National Toxicology Program
TLV - Threshold Limit Value	WHMIS - Workplace Hazardous Materials Information System

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