

# Vinyl Cleaner

# SAFETY DATA SHEET

SDS Preparation Date (mm/dd/yyyy): 08/15/2022

This SDS adheres to the standards and regulatory requirements of the United States and may not meet the regulatory requirements in other countries.

## SECTION 1: IDENTIFICATION

PRODUCT NAME: Vinyl Cleaner  
CHEMICAL NAME & SYNONYMS: Mixture of surfactants and chelating compounds  
PROCESSORS NAME: VanHearron Inc. 410 S. Coker, Greenwood, AR 72936 Phone: (479) 255-6101  
CAS #: Not Issued  
CHEMICAL FAMILY: Water Solution Surface Active Agents  
CHEMICAL FORMULA: Water Based Mixture of Organic and Inorganic Compounds  
USE: Cleaner

## SECTION 2: HAZARD(S) IDENTIFICATION

### Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200) Eye Dam. 1; Skin Irrit. 2; STOT SE 3; Skin Sens. 1

### Label elements



Hazard Symbol(s)

Signal Word(s)

**DANGER**

Hazard Statement(s) Causes serious eye damage.  
Causes skin irritation.  
May cause respiratory irritation.  
May cause an allergic skin reaction.

Precautionary Statement(s) Wear protective gloves/protective clothing/eye protection/face protection.  
Wash hands and exposed skin after use.  
Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area.  
Contaminated work clothing should not be allowed out of the workplace.

Other hazards None

Additional Information None

## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Composition/information on ingredients	%W/W	CAS No.	Hazard classification
Proprietary hydrotrope / surfactant	8 - 15	Trade Secret	Acute Tox. 4; H302, H332 Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT SE 3; H335
Proprietary polymer(s)	5 - 10	Trade Secret	Eye Irrit. 2; H319
Isopropanol	1 - 2	67-63-0	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336
Proprietary chelating agent	1 - 2	Trade Secret	Acute Tox. 4; H302, H332
Lemon Fragrance	0.1	Trade Secret	Flam. Liq. 3; H226 Acute Tox. 4; H312 Skin Sens. 1; H317 Skin Irrit. 2; H315 Acute Tox. 1; H400

**Additional Information** - Substances in the product which may present a health or environmental hazard, or which have been assigned occupational exposure limits, are detailed below.: **None**

## SECTION 4: FIRST AID MEASURES



### Description of first aid measures

Inhalation	Remove person to fresh air and keep comfortable for breathing. Keep patient at rest and give oxygen if breathing difficult. If symptoms continue, get medical attention. Call a POISON CENTER/doctor if you feel unwell.
Skin Contact	Wash affected skin with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical
Ingestion	Call a physician (or poison control centre immediately). Do not give anything by mouth to an unconscious person. Do NOT induce vomiting.
<b>Most important symptoms and effects, both acute and delayed</b>	Causes serious eye damage. May cause an allergic skin reaction. May cause respiratory irritation.
<b>Indication of any immediate medical attention and special treatment needed</b>	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

## SECTION 5: FIRE-FIGHTING MEASURES

Does not support combustion and is not considered a fire or explosive hazard. When involved in a fire, it may emit vapors containing the surface active components and their decomposition products. These materials should be considered irritants. Also the decomposition products may include carbon oxides, sulfur oxide, nitrogen oxides and amines. For these reasons, fire fighters should wear self-contained breathing apparatus and full protective clothing. Heated closed containers may burst due to steam pressure. Cool containers with water.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

Floors may be slippery; use care to avoid falling. Contain spills immediately with inert material to prevent waterway entry. Transfer liquids and solid diking materials to suitable containers for recovery or appropriate disposal.  
Other: Call Chemtrec 800-424-9300

## SECTION 7: HANDLING AND STORAGE

Precautions for safe handling Avoid skin contact. Do not get in eyes. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing mist/spray. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area.  
Conditions for safe storage, including any incompatibilities  
-Storage temperature Keep in a well ventilated place. Keep container tightly closed. Store at temperatures not exceeding 50°C / 122 °F. Protect from sunlight. Store locked up.  
-Incompatible materials Strong oxidizing agents.  
Specific end use(s) Cleaning Product

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

No special personal protection is required under normal use. Skin exposure is not likely to result in the material being absorbed through the skin in harmful amounts. Since this material is known to be a mild irritant and allergic sensitizer, avoid prolonged skin contact. Normal ventilation is adequate. Avoid breathing mist or vapors. Desirable protective equipment may include safety glasses and rubber gloves. Where splashing may occur, increased eye and skin protection is beneficial. This may include goggles, face shield, water resistant clothing and rubber boots. Wash contaminated clothing before reuse. Do not take internally. Ventilation: Good general ventilation (typically 10 air changes per hour) should be used. Respiratory Protection: If respiratory irritation is experienced, use a mist, organic vapor type respirator.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Slightly amber, clear liquid.	ODOR:	Mild Lemon Scent
pH: (Typical)	9.5 +/- .5	SPECIFIC GRAVITY (H2O = 1):	1.01
BOILING POINT, 760 mm Hg:	205 F, 96 C	PERCENT VOLATILE BY WEIGHT:	< 25 %
VAPOR PRESSURE, at 20 deg. C:	Not Available	PERCENT VOLATILE BY VOLUME:	< 25 %
LIQUID DENSITY :	Not Available	SOLUBILITY IN WATER, by wt.:	100 %
VISCOSITY:	Similar to Water	PHYSICAL STATE:	Liquid
EVAPORATION RATE (Butyl Acetate =1):	Similar to water		

### SECTION 10: STABILITY AND REACTIVITY

Product is stable and non-reactive under normal use over a wide range of pH. The organic content of the aqueous mixture will react with oxidizers producing heat and oxidation by-products. Heat release is minimized by vaporization of water. Atomization, vaporization or combustion forms aerosols which can carry the surface active agents, and combustion products such as carbon oxide, sulfur oxides, nitrogen oxides and ammonia into the atmosphere. Hazardous polymerization will not occur.

### SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Skin Contact, Eye Contact, Inhalation

Information on toxicological effects

Proprietary polymer(s) (CAS# Trade Secret) - By analogy with similar materials:

Acute toxicity Oral: ALD > 11000 mg/kg (rat) Inhalation: ALC > 1417 mg/L (rat) (4hr)

Irritation / Corrosivity Repeated or prolonged contact may cause defatting of the skin resulting in dryness, cracking and dermatitis.

Sensitization It is not a skin sensitizer. Repeated dose toxicity Not available.

Mutagenicity There is no evidence of mutagenic potential.

Carcinogenicity It is unlikely to present a carcinogenic hazard to man.

NTP	IARC	ACGIH	OSHA
No.	No.	No.	No.

Developmental Toxicity Not available. Toxicity for reproduction Not available. Other information None known.

Proprietary hydrotrope / surfactant (CAS No. Trade Secret) - By analogy with similar materials: Acute toxicity Oral: LD50 = 1200 mg/kg bw  
Dermal: LD50 > 2000 mg/kg

Irritation / Corrosivity Causes serious eye damage. Causes skin irritation. Sensitization It is not a skin sensitizer.

Repeated dose toxicity NOAEL: 488 mg/kg/day (13 weeks, feed, Systemic effects)

LOAEL: 1016 mg/kg/day (13 weeks, feed, Systemic effects) Mutagenicity There is no evidence of mutagenic potential.

Carcinogenicity It is unlikely to present a carcinogenic hazard to man.

NTP	IARC	ACGIH	OSHA
No.	No.	No.	No.

Developmental Toxicity Not available.

Toxicity for reproduction Not to be expected. NOAEL: >300 mg/kg/day (parental) NOEL:

>300 mg/kg/day (developmental)

### SECTION 12: ECOLOGICAL INFORMATION

Proprietary polymer(s) (CAS# Trade Secret) - By analogy with similar materials:

Acute toxicity EC50 (48 hour) >100 mg/l (*Daphnia magna*)

Long Term Toxicity Not available.

Persistence and degradability Not readily biodegradable.

Bioaccumulative potential Not available.

Mobility in soil Not available.

Results of PBT and vPvB assessment Not available.

Other adverse effects None known.

Proprietary hydrotrope / surfactant (CAS No. Trade Secret) - By analogy with similar materials:

Acute toxicity LC50 (96 hour): 29 mg/L (*Pimephales promelas*)

LC50 (48 hour): 5.55 mg/l (*Ceriodaphnia dubia*, mortality)

EC50 (72 hour): >120 mg/l (*Desmodesmus subspicatus*)

Long Term Toxicity	NOEC (42 days): >1.357 mg/l ( <i>Pimephales promelas</i> , Weight) NOEC (7 days): 0.88 mg/L ( <i>Ceriodaphnia dubia</i> , reproduction)
Persistence and degradability	Biodegradable.
Bioaccumulative potential	Not available.
Mobility in soil	The substance has low mobility in soil.
Results of PBT and vPvB assessment	Not classified as PBT or vPvB.
Other adverse effects	None known.

### SECTION 13: DISPOSAL CONSIDERATIONS

The material is biodegradable.. Small quantities may be flushed to a sanitary or industrial sewer. Disposal of large quantities should comply with applicable disposal permits.

### SECTION 14: TRANSPORTATION INFORMATION

DOT SHIPPING NAME (49CFR 172.101): Non Flammable Liquid, NOS, Water Based Mixture of Surface Active Agents  
(Organic sulfur/oxygen/nitrogen compounds)  
DOT ID# (49CFR 172.101): Non-Regulated HAZARD (29 CFR 1910.1200): Non-Flammable  
LABEL: None Required MARKING: None Required PLACARD: None Required  
DOT HAZARD CLASS: Non Flammable Liquid, NOS International Harmonic System Code: 3402

### SECTION 15: REGULATORY INFORMATION

FEDERAL: This product is non-hazardous under the OSHA Hazard Communication Standard (29 CFR 1910-1200). All components are on the Confidential or Non-Confidential TSCA Inventory List. The ingredients of this product are listed on the Toxic Substances Control Act (TSCA) inventory and do not have special toxic substances warning requirements. None of the components in this product require notification of the National Response Center under the Comprehensive Environmental Response Compensation, and Liability Act of 1980 (CERCLA) per 40 CFR 302.4. None of the components in this product require reporting under Superfund Amendment and Reauthorization Act of 1986 (SARA) Title III as emergency planning or release reporting per 40 CFR 355 (used for SARA 302, 304, 311 and 312). The components also do not require annual reporting as a toxic chemical under SARA Title III per 40 CFR 372 (for SARA 313). This product contains no chemicals subject to SARA Title III, Section -13, Part 372 reporting requirements.

#### STATE RIGHT-TO-KNOW:

Under California Proposition 65, this product contains no listed substances at levels which would require a warning as a product known to cause cancer, birth defects or other reproductive harm. Under the Massachusetts Right-To-Know Law, this product contains no listed substances at levels that require reporting per the Substance List. Under the Pennsylvania Right-To-Know Law, this product contains no listed substances at levels that require reporting per the Hazardous Substance List.

### SECTION 16: OTHER INFORMATION

All terms and abbreviations have been defined in various government publications, or are standard chemical terms used by IUPAC. The data and recommendations herein are based upon our research and the research of others, and are believed to be accurate. However, no warranty or guarantee of their accuracy is made; and the products are distributed without warranty, expressed or implied, included the limited warranties of merchantability of fitness for particular purpose.

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**This document effective 2/12/15 supersedes all previous versions.**