

Safety Data Sheet

Issue Date: 03-Jun-2015 Revision Date: 03-Oct-2023 Version 1

IDENTIFICATION Item: 976HV

Product Identifier
Product Name Super Citrus

Other means of identification
SDS # 1ST-AVD-006

Product Code 976HV

Recommended use of the chemical and restrictions on use
Recommended Use Degreaser.

Details of the supplier of the safety data sheet
Distributor
1st Ayl Corporation
1325 Gateway Drive
Elgin, IL 60123

Emergency telephone number
Company Phone Number (847) 622-0001
Emergency Telephone 1-844-846-3129 or 1-352-326-7641

HAZARDS/IDENTIFICATION

Appearance Clear liquid Physical state Liquid Odor Citrus

Classification

Acute toxicity - Inhalation (Dust/Mists)	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Skin sensitization	Category 1
Aspiration toxicity	Category 1
Flammable liquids	Category 3

Signal Word

Danger

Hazard statements

- Harmful if inhaled
- Causes skin irritation
- Causes serious eye damage
- May cause an allergic skin reaction
- May be fatal if swallowed and enters airways
- Flammable liquid and vapor

**Precautionary Statements - Prevention**

Avoid breathing dust/fume/gas/mist/spray
 Use only outdoors or in a well-ventilated area
 Wash face, hands and any exposed skin thoroughly after handling
 Wear protective gloves/protective clothing/eye protection/face protection
 Contaminated work clothing must not be allowed out of the workplace
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking
 Keep container tightly closed
 Ground/bond container and receiving equipment
 Use only non-sparking tools
 Take precautionary measures against static discharge
 Use explosion-proof equipment

Precautionary Statements - Response

IF IN EYES: Flush cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 Immediately call a poison center or doctor/physician
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
 Wash contaminated clothing before reuse
 If skin irritation or rash occurs: Get medical advice/attention
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 Call a poison center or doctor/physician if you feel unwell
 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
 Do NOT induce vomiting
 IN CASE OF FIRE: Use CO₂, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store locked up
 Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other hazards

Very toxic to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight %
D-Limonene	5989-27-5	85-90
Nerolidol Ethoxide	127087-87-0	10-15

"If Chemical Name/CAS No is "proprietary" and/or Weight % is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret."

4. FIRST AID MEASURES**Description of first aid measures****General Advice**

Provide this SDS to medical personnel for treatment.

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Eye Contact

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin Contact

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Inhalation

Remove affected person to fresh air, provide oxygen if breathing is difficult. If affected person is not breathing, administer CPR and seek emergency medical attention.

Ingestion

Give victim one glass of milk to 1 to 2 ounces (30-60 grams) of active charcoal in water as tolerated. Do NOT feed an unconscious or drowsy person by mouth. If vomiting occurs spontaneously, keep head below hips to prevent aspiration and repeat treatment. Get medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms

May be harmful if swallowed. Causes skin irritation. May cause an allergic skin reaction. May be harmful in contact with skin. May be fatal if swallowed and enters airways. Causes serious eye damage.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray (fog). Carbon dioxide (CO₂). Dry chemical. Foam.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Flammable liquid and vapor. Closed containers may explode if exposed to extreme heat.

Hazardous combustion products Carbon dioxide (CO₂). Carbon monoxide.

Explosion Data

Sensitivity to Static Discharge

Take precautionary measures against static discharge.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, protective equipment and emergency procedures

Personal Precautions

Use personal protective equipment as required.

Environmental precautions

Environmental precautions

See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment

Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up

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Absorb with inert material and then place in suitable container for chemical waste. Dispose of contents/container to an approved waste disposal plant.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Handle in accordance with good industrial hygiene and safety practice. Wear protective gloves. Avoid breathing dust/fume/gas/mist/vapour/spray. Wash face, hands and any exposed skin thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Keep away from heat/sparks/open flames/hot surfaces. --- No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion proof equipment. Use only non-sparking tools. Take precautionary measures against static discharges.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Avoid temperature extremes. Keep locked up and out of reach of children.

Incompatible Materials

Strong oxidizers. Ketones. Nitric acid. Sulfuric acid. Halogens. Halogen compounds.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Guidelines

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

Appropriate engineering controls

Engineering Controls

Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Safety glasses.

Skin and Body Protection

Rubber gloves.

Respiratory Protection

Refer to 29 CFR 1910.134 for respiratory protection requirements.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid		
Appearance	Clear liquid	Odor	Citrus
Color	Clear	Odor Threshold	Not determined
Property	Values	Remarks - Method	
pH	6-7		
Melting point / freezing point	No data available		
Initial boiling point and boiling range	> 146.8 °C / 300 °F		
Flash point	51.8 °C / 125 °F		
Evaporation Rate	<1		
Flammability (Solid, Gas)	Liquid - Not Applicable		N-butyl acetate

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Property	Values	Remarks • Method
Flammability Limit in Air	No data available	
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor Pressure	1.0 mmHg	
Vapor Density	4.73	(air = 1)
Relative Density	0.864	
Water Solubility	Miscible in water	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition temperature	No data available	
Hyphen	Not determined	
Kinematic viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

10. STABILITY AND REACTIVITY**Reactivity**

Not reactive under normal conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

Keep out of reach of children.

Incompatible materials

Strong oxidizers, Ketones, Nitric acid, Sulfuric acid, Halogens, Halogen compounds.

Hazardous decomposition productsCarbon monoxide, Carbon dioxide (CO₂).**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product information****Eye Contact**

Avoid contact with eyes.

Skin Contact

Causes skin irritation. May cause an allergic skin reaction. May be harmful in contact with skin.

Inhalation

Do not inhale.

Ingestion

May be harmful if swallowed

Mobility

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Chemical name	Partition coefficient
D-Limonene	4.38
5989-27-5	
Nonyphenol Ethoxylate	5.669
127087-87-0	

Other adverse effects
Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Status

Chemical name	California Hazardous Waste Status
D-Limonene	Toxic
5989-27-5	

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

Not regulated when transported below 240°C (464 °F)

IATA

UN number or ID number UN1993
Proper Shipping Name Flammable liquid, n.o.s. (D-limonene)
Transport hazard class(es) 3
Packing group III

IMDG

UN number or ID number UN1993
Proper Shipping Name Flammable liquid, n.o.s. (D-limonene)
Transport hazard class(es) 3
Packing Group III
Marine Pollutant This material may meet the definition of a marine pollutant

15. REGULATORY INFORMATION

International Inventories

Chemical name	TSCA	TSCA Inventory	DSL/DSL	ELINECS/ELI	NCS	ENCS	IECSC	KECL	PICCS	AIC
D-Limonene	X	ACTIVE	X	X	X	X	X	X	X	X
Nonyphenol Ethoxylate	X	ACTIVE	X	X	X	X	X	X	X	X

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
 DSL/DSLCL - Canadian Domestic Substances List/Non-Domestic Substances List
 EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Modified Chemical Substances
 ENCS - Japan Existing and New Chemical Substances
 IECSC - China Inventory of Existing Chemical Substances
 KECL - Korean Existing and Evaluated Chemical Substances
 PICCS - Philippines Inventory of Chemicals and Chemical Substances
 ACS - Australian Inventory of Chemical Substances

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US Federal Regulations

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313

Chemical name	CAS No	Weight %	SARA 313 - Threshold Values %
Nonylphenol Ethoxyate - 127087-87-0	127087-87-0	10-15	1.0

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated under applicable state right-to-know regulations

OTHER INFORMATION

NEPA	Health hazards	Flammability	Instability	Special hazards
HMIS	Health hazards	Flammability	Physical hazards	Personal Protection
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 Revision Note: Regulatory update

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet