



**VI-JON**<sup>®</sup>

## Safety Data Sheet



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### 1. IDENTIFICATION

**Product identifier**

**Product Name** 2A1AG Dishwashing Liquid Original Scent (DfE)

**Other means of identification**

**Product Code(s)** N/A

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Liquid Dishwashing Soap

**Restrictions on use** Use only as directed.

**Details of the supplier of the safety data sheet**

**Supplier Name** Vi-Jon Inc.

**Supplier Address**  
Vi-Jon Inc.  
8800 Page Avenue  
Saint Louis  
MO  
63114  
US

**Supplier Phone Number** Phone: 314-427-1000 (M-F 8am-4pm CST)  
Fax:3144271010

**Supplier Email** info@vijon.com

**Emergency telephone number** Chemtrec: 1-800-424-9300 (24-Hour)



**Product Number:** 2A1AG  
**Issuing Date:** August 11, 2020

**Product Name:** Dishwashing Liquid Original Scent (DfE)  
**Revision Date:** None  
**Revision Number:** 0

## 2. HAZARDS IDENTIFICATION

### Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Skin sensitization	Category 1A

**Appearance:** Clear, Blue, Slightly Viscous Liquid

**Physical state:** Slightly Viscous Liquid

**Odor:** Citrus, Soapy

### GHS Label elements, including precautionary statements

#### **Danger**

#### **Hazard statements**

Causes skin irritation

Causes serious eye damage

May cause an allergic skin reaction



#### **Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling

Avoid breathing dust/fume/gas/mist/vapors/spray

Contaminated work clothing must not be allowed out of the workplace

Wear protective gloves/eye protection/face protection

#### **Precautionary Statements - Response**

Specific treatment (see supplemental first aid instructions on this label)

#### **Eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Immediately call a POISON CENTER or doctor

#### **Skin**

IF ON SKIN: Wash with plenty of water and soap

Take off contaminated clothing and wash it before reuse

If skin irritation or rash occurs: Get medical advice/attention

#### **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

### Other information

May be harmful if swallowed. Toxic to aquatic life.

#### **Unknown acute toxicity**

29.9435 % of the mixture consists of ingredient(s) of unknown toxicity

3.08 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

28.1935 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

29.9435 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

29.9435 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

29.9435 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance**

Not applicable.

**Mixture**

Chemical name	CAS No.	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Water	7732-18-5	50 - 100	-	-
Sodium C14-16 Olefin Sulfonate	68439-57-6	10 - 50	-	-
Amine Oxide	61792-31-2, 67806-10-4 and/or 1643-20-5	0 - 10	-	-
Sodium Laureth Sulfate	68585-34-2	0 - 10	-	-
Sodium Lauryl Sulfate	68585-47-7	0 - 10	-	-
Sodium Chloride	7647-14-5	0 - 10	-	-
Sodium Xylenesulfonate	1300-72-7	0 - 10	-	-
Fragrance	Proprietary	0 - 10	-	-
Limonene	5989-27-5	0 - 10	-	-
Hexyl Cinnamal	101-86-0	0 - 10	-	-
Methylisothiazolinone	2682-20-4	0 - 10	-	-
Methylchlorisothiazolinone	26172-55-4	0 - 10	-	-
Citric Acid	77-92-9	0 - 10	-	-
Blue 1	3844-45-9	0 - 10	-	-

### 4. FIRST AID MEASURES

**Description of first aid measures**

**General advice**

Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

**Inhalation**

Remove to fresh air. Get medical attention immediately if symptoms occur.

**Eye contact**

Get immediate medical advice/attention. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area.

**Skin contact**

Wash off immediately with soap and plenty of water for at least 15 minutes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.

**Ingestion**

Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.

**Self-protection of the first aider**

Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

**Most important symptoms and effects, both acute and delayed**

**Symptoms**

Burning sensation. Itching. Rashes. Hives.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians**

May cause sensitization in susceptible persons. Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Large Fire</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Unsuitable extinguishing media</b>	Do not scatter spilled material with high pressure water streams.
<b>Specific hazards arising from the chemical</b>	Product is or contains a sensitizer. May cause sensitization by skin contact.
<b>Hazardous Combustion Products</b>	Carbon oxides.
<b>Explosion Data</b>	
<b>Sensitivity to Mechanical Impact</b>	None.
<b>Sensitivity to Static Discharge</b>	None.
<b>Special protective equipment for fire-fighters</b>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Ensure adequate ventilation. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
<b>Other Information</b>	Refer to protective measures listed in Sections 7 and 8.

### Methods and material for containment and cleaning up

<b>Methods for containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up</b>	Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

<b>Advice on safe handling</b>	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Take off contaminated clothing and wash before reuse.
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### Conditions for safe storage, including any incompatibilities

<b>Storage Conditions</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.
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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

**Exposure Limits** There is no exposure data pertaining to the Product. This section reflects exposure data pertaining to individual ingredients.

### Appropriate engineering controls

**Engineering controls** Showers  
 Eyewash stations  
 Ventilation systems.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Tight sealing safety goggles.  
**Hand protection** Wear suitable gloves. Impervious gloves.  
**Skin and body protection** Wear suitable protective clothing. Long sleeved clothing.  
**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.  
**General hygiene considerations** Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

**Physical state** Slightly Viscous Liquid  
**Appearance** Clear, Blue, Slightly Viscous Liquid  
**Odor** Citrus, Soapy  
**Color** Blue  
**Odor Threshold** No data available

<u>Property</u>	<u>Values</u>	<u>Remarks</u>	<u>Method</u>
pH	8.3		
Melting / freezing point	No data available	None known	
Boiling point / boiling range	No data available	None known	
Flash Point	No data available	None known	
Evaporation Rate	No data available	None known	
Flammability (solid, gas)	No data available	None known	
Flammability Limit in Air		None known	
Upper flammability limit	No data available		
Lower flammability limit	No data available		
Vapor pressure	No data available	None known	
Vapor density	No data available	None known	
Relative density	1.04		
Water Solubility	Miscible in water		
Solubility(ies)	No data available	None known	
Partition coefficient: n-octanol/water	0		
Autoignition temperature	No data available	None known	
Decomposition temperature	No data available	None known	
Kinematic viscosity	No data available	None known	
Dynamic viscosity	No data available	None known	

### Other Information

**Explosive properties** No information available  
**Oxidizing properties** No information available  
**Softening Point** No information available  
**Molecular Weight** No information available  
**VOC Content (%)** No information available  
**Liquid Density** No information available  
**Bulk Density** No information available  
**Particle Size** No information available  
**Particle Size Distribution** No information available



## 10. STABILITY AND REACTIVITY

### Reactivity

No data available.

### 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

None known.

### Incompatible materials

Strong acids. Strong bases. Strong oxidizing agents.

### Hazardous Decomposition Products

Carbon oxides.

When used in accordance with the directions.

## 11. TOXICOLOGICAL INFORMATION

There is no data for this product. The information included in this section describes the potential hazards of the individual ingredients.

### Information on likely routes of exposure

#### Product Information

<b>Inhalation</b>	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.
<b>Eye contact</b>	Specific test data for the substance or mixture is not available. Causes serious eye damage. (based on components). Severely irritating to eyes. May cause burns. May cause irreversible damage to eyes.
<b>Skin contact</b>	Specific test data for the substance or mixture is not available. May cause sensitization by skin contact. Causes skin irritation. (based on components). Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May be harmful if swallowed.

### Symptoms related to the physical, chemical and toxicological characteristics

<b>Symptoms</b>	Redness. Burning. May cause blindness. Itching. Rashes. Hives. May cause redness and tearing of the eyes.
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### Numerical measures of toxicity

#### Acute Toxicity

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral) 3,754.10 mg/kg

**Unknown acute toxicity** 29.9435 % of the mixture consists of ingredient(s) of unknown toxicity  
3.08 % of the mixture consists of ingredient(s) of unknown acute oral toxicity  
28.1935 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity  
29.9435 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)  
29.9435 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)  
29.9435 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Water	> 90 mL/kg ( Rat )	-	-
Sodium C14-16 Olefin Sulfonate	= 2220 mg/kg ( Rat )	> 740 mg/kg ( Rabbit )	-
Sodium Lauryl Sulfate	> 2000 mg/kg ( Rat )	-	-
Sodium Chloride	= 3 g/kg ( Rat )	-	> 42 g/m <sup>3</sup> ( Rat ) 1 h
Sodium Xylenesulfonate	= 1000 mg/kg ( Rat )	-	-
Fragrance and/or Components	> 90 mL/kg ( Rat )	-	-
Methylisothiazolinone	232 - 249 mg/kg ( Rat ) = 120 mg/kg ( Rat )	= 200 mg/kg ( Rabbit )	= 0.11 mg/L ( Rat ) 4 h
Methylchloroisothiazolinone	= 481 mg/kg ( Rat )	-	= 1.23 mg/L ( Rat ) 4 h
Citric Acid	= 3 g/kg ( Rat )	> 2000 mg/kg ( Rat )	-
Blue 1	> 2 g/kg ( Rat )	-	-

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Skin corrosion/irritation</b>	Classification based on data available for ingredients. Irritating to skin.
<b>Serious eye damage/eye irritation</b>	Classification based on data available for ingredients. Causes burns. Risk of serious damage to eyes.
<b>Respiratory or skin sensitization</b>	May cause sensitization by skin contact.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Blue 1 3844-45-9	-	Group 3 - Not Classifiable as to Carcinogenicity in Humans	-	-

<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	No information available.

**12. ECOLOGICAL INFORMATION**

There is no ecological data on the Product. The Product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

<b>Ecotoxicity</b>	Toxic to aquatic life.
<b>Persistence and Degradability</b>	No information available.
<b>Bioaccumulation</b>	No information available.
<b>Mobility</b>	No information available.
<b>Other adverse effects</b>	No information available.

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

<b>Waste from residues/unused products</b>	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
<b>Contaminated packaging</b>	Do not reuse empty containers.
<b>California Waste Codes</b>	561

This product contains one or more substances that are listed with the State of California as a hazardous waste.



**Product Number:** 2A1AG  
**Issuing Date:** August 11, 2020

**Product Name:** Dishwashing Liquid Original Scent (DfE)  
**Revision Date:** None  
**Revision Number:** 0

## 14. TRANSPORT INFORMATION

<b><u>DOT</u></b>	NOT REGULATED
<b>Proper Shipping Name</b>	NON-REGULATED
<b>Hazard Class</b>	N/A
<b><u>TDG</u></b>	Not regulated
<b><u>MEX</u></b>	Not regulated
<b><u>ICAO</u></b>	Not regulated
<b><u>IATA</u></b>	Not regulated
<b>Proper Shipping Name</b>	NON REGULATED
<b>Hazard Class</b>	N/A
<b><u>IMDG/IMO</u></b>	Not regulated
<b>Hazard Class</b>	N/A
<b><u>RID</u></b>	Not regulated
<b><u>ADR</u></b>	Not regulated
<b><u>ADN</u></b>	Not regulated



## 15. REGULATORY INFORMATION

### Safety, health and environmental regulations/legislation specific for the substance or mixture

#### International Regulations

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

#### International Inventories

<b>TSCA</b>	Contact supplier for inventory compliance status.
<b>DSL/NDSL</b>	Contact supplier for inventory compliance status.
<b>EINECS/ELINCS</b>	Contact supplier for inventory compliance status.
<b>ENCS</b>	Contact supplier for inventory compliance status.
<b>KECL</b>	Contact supplier for inventory compliance status.
<b>PICCS</b>	Contact supplier for inventory compliance status.
<b>AICS</b>	Contact supplier for inventory compliance status.

#### Legend

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

### US Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

#### CWA (Clean Water Act)

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

#### CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Citric Acid 77-92-9			RQ Section number 180.950

### US State Regulations

#### California Proposition 65 - NONE

This product does not contain any Proposition 65 chemicals.

#### U.S. State Right-to-Know Regulations

This product may contain substances regulated by state right-to-know regulations.

Chemical name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Fragrance and/or Components Proprietary			X		
Blue 1 3844-45-9		X			



Product Number: 2A1AG  
Issuing Date: August 11, 2020

Product Name: Dishwashing Liquid Original Scent (DfE)  
Revision Date: None  
Revision Number: 0

## 16. OTHER INFORMATION

<u>NFPA</u>	Health hazards	3	Flammability	0	Instability	0	Physical and Chemical Properties	- N/A
<u>HMIS</u>	Health hazards	3	Flammability	0	Physical hazards	0	Personal Protection	X

Prepared By  
Product Stewardship  
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1-800-572-6501

Issuing Date  
August 11, 2020

Revision Date  
None

Revision Note  
None

### General Disclaimer

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Approved and Updated by Vi-Jon, Inc.

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**End of Safety Data Sheet**

