



Woeber **MUSTARD** Manufacturing Company

P.O. Box 388 • 1966 Commerce Circle • Springfield, Ohio 45501

Phone 937/323-6281 • 1-800/548-2929 • FAX 937/323-1679

Section 1: Identification

Product Identifier:	Apple Cider Vinegar (5% acidity, 50 Grain)
Chemical Name:	Acetic Acid
CAS #:	64-19-7
Recommended Use:	Food
Manufacturer Name:	Woeber Mustard Mfg. Company
Address:	1966 Commerce Circle Springfield, OH 45501
Telephone:	1-800-548-2929
Emergency Number:	CHEMTREC: 1-800-424-9300

Section 2: Hazard(s) Identification

GHS Classification: Skin Corrosive 2, Eye Irritant 2A, Hazardous to aquatic environment



WARNING

Hazard Statements

H320: Causes eye irritation
H315: Causes skin irritation
H332: Harmful if inhaled
H402: Harmful to aquatic life

Precautionary Statements

P261: Avoid breathing fumes/mist/vapors/spray
P264: Wash exposed skin thoroughly after handling.
P280: Wear protective gloves to avoid prolonged exposure.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P273: Avoid release into the environment

Concentrated vapors irritating to eyes and respiratory tract, avoid inhalation. May cause minor skin irritation.

Section 3: Composition/Information on Ingredients

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
Acetic Acid	5%	64-19-7
Water	95%	7732-18-5

Section 4: First Aid Measures

Inhalation:	If exposed to excessive levels of fumes, remove to fresh air.
Eye Contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER.
Skin Contact:	If on skin; wash with plenty of soap and water. If skin irritation occurs, seek medical advice/attention. If on clothes; remove/take off all contaminated clothing. Rinse skin with soap and water.
Ingestion:	Intended for ingestion, however if swallowed in large quantities, water may be consumed to dilute. Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

Section 5: Fire Fighting Measures

Flash Point:	40° C (104° F) closed cup (Acetic Acid)
Auto Ignition Temp.:	427° C (800° F) (Acetic Acid)
Flammable Limits in Air:	4.0% - 16% (Acetic Acid)
Extinguishing Media:	Water spray, foam CO2 or dry chemical. Water may be used to dilute spills and reduce flammability.
Hazards from Fire:	Toxic gasses and vapors may be released in a fire involving concentrated vinegars.

Section 6: Accidental Release Measures

Small Spill Procedure:	Treat or dispose of waste material as a weak acid in accordance with all local, state/provincial, and national requirements. Water may be used to dilute.
Large Spill Procedure:	Contain spilled material. Large spills may be neutralized with dilute alkaline solutions of soda ash, or lime. Avoid runoff into storm sewers and ditches that lead to waterways. Treat or dispose of waste material as a weak acid in accordance with all local, state/provincial, and national requirements.
Personal Protection:	Protect skin and eyes from exposure. Avoid breathing vapor.
Environmental Precautions:	Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Section 7: Handling and Storage

Precautions for Handling:

Avoid breathing vapor. Avoid contact with eyes, skin, and clothing. Wash contaminated clothing before reusing.

Conditions for safe Storage:

Store in a cool, well ventilated place.

Section 8: Exposure Controls/Personal Protection

Permissible Exposure Limit (PEL): 10 ppm acetic acid

Threshold Limit Value (TLV): 10 ppm acetic acid

Short Term Exposure Limit (STEL): 15 ppm acetic acid

Recommended Exposure Limit (REL): 10 ppm acetic acid

Engineering Controls:

Local exhaust ventilation may be necessary to control any air contaminants to within their TLV during the use of the product. Emergency shower and eye wash stations should be readily available.

Eye/Face Protection;

Wear safety glasses and/or face shield.

Skin Protection:

Rubber/neoprene gloves recommended. Rubber apron or other protective equipment as needed to reduce direct contact. (Concentrated vinegars only)

Respiratory Protection:

As required to prevent exposure to concentrations which exceed the PEL.

Thermal Hazards: None known

General Hygiene considerations:

Section 9: Physical and Chemical Properties

Physical State and Appearance:	Liquid
Odor:	Pungent, Vinegar-like
Color:	Clear to yellowish brown tint
Boiling Point:	100°C (212°F)
Freezing Point:	-2.22°C (28 °F)
PH:	2.6
Specific Gravity:	1.049 (Water = 1)
Vapor Pressure:	1.5 kPa @ 20°C
Solubility in Water:	Complete

Section 10: Stability and Reactivity

Reactivity/Stability:	The product is stable and non-reactive under normal conditions of use, storage and transport.
Incompatibilities:	Avoid strong oxidizing agents / bases
Polymerization:	Will not occur

Section 11: Toxicological Information

Routes of entry	Inhalation, ingestion and skin contact
Symptoms (acute)	Respiratory irritation
Delayed effects	No data available
Carcinogenicity	No evidence of a carcinogenic effect
Mutagenicity	No evidence of a mutagenicity effect
Teratogenicity	No evidence of a teratogenicity effect
Sensitization	No evidence of a sensitization effect
Reproductive	No evidence of a Reproductive effect

Section 12: Ecological Information

Ecotoxicity:	Will biodegrade readily under aerobic and anaerobic conditions.
---------------------	---

Section 13: Disposal Considerations

Treat or dispose of waste material as a weak acid in accordance with all local, state/provincial, and national requirements.

Section 14: Transportation Information

Product Label:	Vinegar.
DOT Shipping Name:	Not applicable
Technical Shipping Name:	Not applicable
DOT Hazard Class:	Not applicable
UN Number:	Not applicable for vinegar containing less than 25% acetic acid, provided packaging complies with ADR Special Provision 647; UN2790 for vinegar containing more than 25% acetic acid
Product RQ (lbs):	Quantity containing the equivalent of 5000 lb of 100% acetic acid, (16,667 lb of vinegar containing 30% acetic acid)
DOT Label:	Not applicable

Section 15: Regulatory Information

Canadian Disclosure List:

Acetic Acid (64-19-7)

Comprehensive Environmental Response, Compensation, & Liability Act (CERCLA):

Acetic Acid (64-19-7)

Food & Drug Administration (FDA)

Product is a GRAS (Generally Recognized as Safe) food ingredient.

Section 16: Other Information

Not Available

Woeber Mustard Co.	Revision Date 06/01/2022	Revision Number – 3
---------------------------	-----------------------------	------------------------

Section 1 Identification

Page E1 of E2



**Aldon
Corporation**

221 Rochester Street
Avon, NY 14414
(585) 226-6177

**CHEMTREC 24 Hour Emergency
Phone Number (800) 424-9300**
For laboratory and industrial use only.
Not for drug, food or household use.

Product INK, BLACK, 10%

Synonyms 10% Black Ink

Section 2 Hazards identification

This substance or mixture has not been classified as hazardous according to the Globally Harmonized System (GHS) of Classification and Labeling of Chemicals.

Signal word: None required

Pictograms: No symbol required

Target organs: None known

GHS Classification: None required

GHS Label information: Hazard statement: None required

Precautionary statement: None required

Supplemental information:

Do not breathe mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands thoroughly after handling. Get medical attention if you feel unwell.

Hazards not otherwise classified:

Health hazards not otherwise classified (HHNOC) - Not Known

Physical hazards not otherwise classified (PHNOC) - Not Known

Section 3 Composition / information on ingredients

Chemical Name	CAS #	%	EINECS
Deionized water	7732-18-5	97.82%	231-791-2
Black ink base	Mixture	2.00%	Mixture
Acid red #33	3567-66-6	0.05%	222-656-9
Acid yellow 23	1934-21-0	0.04%	217-699-5
FD&C Blue #1 (C.I. No. 42090)	3844-45-9	0.04%	223-339-8
Eosin Y, biological stain	17372-87-1	0.02%	241-409-6
Fluorescein	518-47-8	0.02%	208-253-0
Methylene blue chloride	61-73-4	0.01%	200-515-2

Section 4 First aid measures

INGESTION: MAY BE HARMFUL IF SWALLOWED. Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person.

INHALATION: MAY CAUSE RESPIRATORY TRACT IRRITATION. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

EYE CONTACT: MAY CAUSE EYE IRRITATION. Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention.

SKIN ABSORPTION: MAY CAUSE SKIN IRRITATION. Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention.

Section 5 Fire fighting measures

Suitable Extinguishing Media: Use extinguishing agent suitable for type of surrounding fire.

Protective Actions for Fire-fighters: In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective gear. Use water spray to keep fire-exposed containers cool.

Specific Hazards: In fire conditions, water may evaporate from this solution which may cause hazardous decomposition products to be formed as dust or fume.

Section 6 Accidental release measures

Personal Precautions: Evacuate personnel to safe area. Use proper personal protective equipment as indicated in Section 8. Provide adequate ventilation.

Environmental Precautions: Avoid runoff into storm sewers and ditches which lead to waterways.

Containment and Cleanup: Absorb with inert dry material, sweep or vacuum up and place in a suitable container for proper disposal. Wash spill area with soap and water.

Precautions for Safe Handling: Read label on container before using. Do not wear contact lenses when working with chemicals. Keep out of reach of children. Avoid contact with eyes, skin and clothing. Do not inhale vapors, spray or mist. Use with adequate ventilation. Avoid ingestion. Wash thoroughly after handling. Remove and wash clothing before reuse.

Conditions for Safe Storage: Store in a cool, well-ventilated area away from incompatible substances. Protect from light.

Section 8 Exposure controls / personal protection

Exposure Limits:	Chemical Name	ACGIH (TLV)	OSHA (PEL)	NIOSH (REL)
	Ink base	None established	None established	None established

Engineering controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower and fire extinguishing material. Personnel should wear safety glasses, goggles, or faceshield, lab coat or apron, appropriate protective gloves. Use adequate ventilation to keep airborne concentrations low.

Respiratory protection: None should be needed in normal laboratory handling at room temperatures. If misty conditions prevail, work in fume hood or wear a NIOSH/MSHA-approved respirator.

Section 9 Physical and chemical properties

Appearance: Liquid. Black. Odor: Slight odor. Odor threshold: Data not available. pH: Data not available. Melting / Freezing point: Approximately 0°C (32°F) (water) Boiling point: Approximately 100°C (212°F) (water) Flash point: Data not available	Evaporation rate (Water = 1): <1 Flammability (solid/gas): Data not available. Explosion limits: Lower / Upper: Data not available Vapor pressure (mm Hg): 14 (water) Vapor density (Air = 1): 0.7 (water) Relative density (Specific gravity): Approximately 1.0 (water) Solubility(ies): Complete in water.	Partition coefficient: Data not available Auto-ignition temperature: Data not available Decomposition temperature: Data not available. Viscosity: Data not available. Molecular formula: Mixture Molecular weight: Mixture
--	---	---

Section 10 Stability and reactivity

Chemical stability: Stable
Conditions to avoid: Excessive temperatures.
Incompatible materials: Strong oxidizers.
Hazardous decomposition products: Carbon oxides.

Hazardous polymerization: Will not occur.

Section 11 Toxicological information

Acute toxicity: Data not available
Skin corrosion/irritation: Data not available
Serious eye damage/irritation: Data not available
Respiratory or skin sensitization: Data not available
Germ cell mutagenicity: Data not available
Carcinogenicity: Data not available
 NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
 IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
 OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
 Ca Prop 65: This product does not contain any chemicals known to the State of California to cause cancer or reproductive toxicity.
Reproductive toxicity: Data not available
STOT-single exposure: Data not available
STOT-repeated exposure: Data not available
Aspiration hazard: Data not available
Potential health effects:
 Inhalation: May be harmful by inhalation.
 Ingestion: May be harmful by ingestion.
 Skin: Contact with skin may cause irritation.
 Eyes: Contact with eyes may cause irritation.
Signs and symptoms of exposure: To the best of our knowledge the chemical, physical and toxicological properties have not been thoroughly investigated. Specific data is not available. Exercise appropriate procedures to minimize potential hazards.
Additional information: RTECS #: Data not available

Section 12 Ecological information

Toxicity to fish: No data available
Toxicity to daphnia and other aquatic invertebrates: No data available
Toxicity to algae: No data available
Persistence and degradability: No data available
Mobility in soil: No data available
Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Bioaccumulative potential: No data available
PBT and vPvB assessment: No data available

Section 13 Disposal considerations

These disposal guidelines are intended for the disposal of catalog-size quantities only. Federal regulations may apply to empty container. State and/or local regulations may be different. Dispose of in accordance with all local, state and federal regulations or contract with a licensed chemical disposal agency.

Section 14 Transport information

UN/NA number: Not applicable
Hazard class: Not applicable
Exceptions: Not applicable

Shipping name: Not Regulated
Packing group: Not applicable
2020 ERG Guide #: Not applicable

Reportable Quantity: No
Marine pollutant: No

Section 15 Regulatory information

A chemical is considered to be listed if the CAS number for the anhydrous form is on the Inventory list.

Component	TSCA	CERLCA (RQ)	RCRA code	DSL	NDSL	CA Prop 65
All components listed with the following agencies	Listed	Not listed	Not listed	Not listed	Not listed	This product does not contain any chemicals known to the State of California to cause cancer or reproductive toxicity.

Section 16 Other information

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. NTP: National Toxicology Program, IARC: International Agency for Research on Cancer, OSHA: Occupational Safety and Health Administration, STOT: Specific Target Organ Toxicity, SE: Single Exposure, RE: Repeated Exposure, ERG: Emergency Response Guidebook.



Safety Data Sheet (SDS)

This SDS is intended to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200 (revised in 2012), specifically 29 CFR §1910.1200 Appendix D – Minimum Information for Safety Data Sheets (Mandatory). This revised OSHA standard incorporates guidance from the United Nations – Globally Harmonized System (GHS) of classification and labeling of chemicals. The user is directed to rely on this OSHA standard, related regulations and briefs which must be consulted for specific requirements regarding the sound management of chemicals. This SDS attempts to provide information on chemical hazards and communicate them to workers, consumers, emergency responders and the public. It is important to know what compounds are present or have been used in this product, the hazard (if any) each might represent to human health, the environment; plus, have and understand the means to control them.

Section 1: Identification

This section identifies the chemical on the SDS as well as the recommended uses. It also provides the essential contact information of the supplier.

Product Identifier (used on the label): BABY-UNSCENTED PURE CASTILE LIQUID SOAP	Other Means of Identification (if any): N/A
Chemical Manufacturer, Importer, or Other Responsible Party: DR. BRONNER'S MAGIC "ALL-ONE!"	Recommended use of the Product: Detergent
Address: 1335 Park Center Dr., Vista, CA 92081	Restrictions on use of the Product: N/A
Telephone Number (for Information): (760) 743-2211	Emergency Phone Number: Tel*Chem. (800) 255 3924 - Outside USA (813) 248 0573

Section 2: Hazard(s) Identification

This section identifies the hazards of the chemical presented on the SDS and the appropriate warning information associated with those hazards.

GHS Classification: Non-Classified	Hazard Statement(s): Non-Classified
Symbol(s): N/A	
Signal Word: No signal word.	Precautionary Statement(s): N/A
Describe any hazards not otherwise classified which have been identified during the classification process: N/A	
Ingredients of unknown toxicity were <u>not</u> used in this product. If any were and testing of the mixture as a whole has not been performed - the following % of ingredients are of unknown acute toxicity: No data available.	

Section 3: Composition / Information on Ingredients

This section identifies the ingredient(s) contained in the product indicated on the SDS, including impurities and stabilizing additives. This section includes information on substances, mixtures, and all chemicals where a trade secret is claimed.

Chemical Name: None	Common Name and Synonyms: Liquid Soap	
CAS number and other unique identifiers: None	Other Means of Identification / Unique Identifiers (if any – i.e. part number, etc.): None	
Impurities and stabilizing additives which are themselves classified and which contribute to the classification of this product: N/A		
Ingredients:	CAS Number:	Percentage:
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A		
Are any of the ingredients listed here above their cut-off / concentration limits: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Do any of these ingredients present a health risk below their cut-off / concentration limits: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Has a "Trade Secret" claim been made? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>



Section 4: First-aid Measures
This section describes the initial care which should be given by untrained responders to an individual who has been exposed to the chemical.

Necessary first-aid instructions by route of exposure:		
	DESCRIPTION OF THE MOST IMPORTANT SYMPTOMS OR EFFECTS, AND ANY SYMPTOMS WHICH ARE ACUTE (IMMEDIATE) OR DELAYED:	RECOMMENDATIONS FOR IMMEDIATE MEDICAL CARE AND SPECIAL TREATMENT NEEDED, WHEN NECESSARY:
Inhalation	None expected, however, certain individuals may be sensitized and experience minor nausea or headaches.	Remove affected person to fresh air; if symptoms persist seek medical attention.
Skin Contact	None expected, however, prolonged contact may cause irritation	Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention.
Eye Contact	May cause irritation	Flush with water for 15 minutes. If irritation occurs seek medical attention.
Ingestion	May cause gastric distress, vomiting and diarrhea.	Give two glasses of water for dilution; do not induce vomiting; seek medical attention.

Section 5: Fire-Fighting Measures
This section provides recommendations for fighting a fire caused by the chemical.

Suitable Extinguishing Media: Water fog, dry chemical, chemical foam, CO2	Unsuitable Extinguishing Media: N/A
Specific Hazards Arising from the Chemical: None Known	
Special Protective Equipment and Precautions for Fire-Fighters: Wear self-contained breathing apparatus.	

Section 6: Accidental Release Measures
This section provides recommendations on the appropriate response to spills, leaks, or releases, including containment and cleanup practices to prevent or minimize exposure to people, properties, or the environment. It may also include recommendations distinguishing between responses for large and small spills where the spill volume has a significant impact on the hazard.

Personal Precautions, Protective Equipment, and Emergency Procedures: Refer to "Section 8 – Exposure Controls / Personal Protection"
Methods and Materials for Containment and Cleaning Up: Wipe up with absorbent material (e.g. cloth, fleece). Scoop up into containers. Wash spill area with water.

Section 7: Handling and Storage
This section provides guidance on the safe handling practices and conditions for safe storage of chemicals.

Precautions for Safe Handling: Keep containers closed when not in use; Protect containers from abuse; Protect from extreme exposures.
Recommendations for General Hygiene Practices: Always practice good hygiene, wash hands after contact.
Conditions for Safe Storage, Including Any Incompatibilities: Keep containers closed when not in use; Protect containers from abuse; Protect from extreme exposures.

Section 8: Exposure Controls / Personal Protection
This section indicates the exposure limits, engineering controls, and personal protective measures which can be used to minimize worker exposure.

OSHA Permissible Exposure Limit (PEL): N/A	ACGIH Threshold Limit Value (TLV): N/A	Other exposure limit used or recommended by the manufacturer: N/A
Appropriate Engineering Controls: Not generally required		
Ventilation	Local Exhaust: Ensure adequate ventilation.	Special: N/A
	Mechanical (General): Ensure adequate ventilation.	Other: N/A
Individual Protection Measures, Such as Recommended Personal Protective Equipment (PPE): Not generally required.		
Respiratory Protection (Specify Type): None required		



Protective Gloves: [Recommended](#) | Eye Protection: [Safety Glasses](#)

Other Protective Clothing or Equipment: [Keep eye bath nearby.](#)

Work / Hygienic Practices: [Always practice good hygiene, wash hands after contact.](#)

Section 9: Physical and Chemical Properties

This section identifies physical and chemical properties associated with the substance or mixture.

Appearance (physical state, color, etc.): Clear / slightly hazy brown liquid	Vapor Pressure (mm Hg): 17 mm Hg @ 20°C
Odor: Unscented	Vapor Density (AIR = 1): >1
Odor Threshold: No data available	Relative Density (or Specific Gravity) (H ₂ O = 1): No data available
pH: 9-10	Solubility(ies): Miscible in water
Melting Point / Freezing Point: No data available	Partition Coefficient (n-octanol / water): No data available
Initial boiling point and boiling range: No data available	Auto-Ignition Temperature: No data available
Flash Point: Non-Flammable	Decomposition Temperature: No data available
Evaporation Rate (Butyl Acetate = 1): <1	Viscosity: 55-110 cps
Flammability (solid, gas): No data available	VOC Content (lbs/gal or g/l): No data available
Upper / Lower flammability or explosive limits: No data available	

Section 10: Stability and Reactivity

This section describes the reactivity hazards of the chemical and the chemical stability information. This section is broken into three parts: reactivity, chemical stability, and other.

Reactivity:
 [Reactive](#) [Non-reactive under normal conditions of storage and use.](#)

Chemical Stability:
 [Stable](#) [Unstable under normal \(ambient\) temperatures and conditions expected during storage / handling.](#)

Possibility of Hazardous Reactions:
 [No reasonable possibility of hazardous reactions;](#) [There is a possibility of hazardous reactions, such as polymerization, a release of excess pressure / heat or creation of other hazardous conditions. Hazardous reactions may occur during conditions of very high temperature \(fire\).](#)

Conditions to Avoid (e.g., static discharge, shock, vibration, or environmental conditions):
[Avoid extreme temperatures, such as conditions which would support fire / freezing.](#)

Incompatible Materials (e.g., classes of chemicals or specific substances):
[No Incompatible Materials](#)

Hazardous Decomposition or Byproducts:
[Hazardous Polymerization](#) [may occur under if exposed to extreme heat;](#) [will not occur under normal use, handling and storage conditions.](#)

Section 11: Toxicological Information

This section identifies toxicological and health effects information or indicates such data are not available.

Likely Routes of Exposure:
 [Inhalation](#) [Ingestion](#) [Skin Contact](#) [Eye Contact](#) [Other: N/A](#)

Symptoms:
[None](#)

Health Effects may be:
 [Delayed](#) [Immediate \(acute\)](#) [Chronic \(due to short or long term exposure\)](#) [Considered NOT reasonably anticipated.](#)

Toxicity:
[Not Toxic](#)

Carcinogenicity:
[This product has not been found to be carcinogenic by the National Toxicology Program \(NTP\), International Agency for Research on Cancer \(IARC\), or OSHA.](#)

Section 12: Ecological Information (Non-Mandatory)

This section provides information to evaluate the environmental impact of the chemical(s) if it were released to the environment.

Ecotoxicity (aquatic and terrestrial, where available): This product has no ecotoxicological effects.	Persistence and Degradability: <input type="checkbox"/> Expected to be persistent in the environment; <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Expected to degrade rapidly in the environment (in water, or when exposed to sunlight)
Bioaccumulative Potential: Unknown on product.	Mobility in Soil: Unknown.



Section 13: Disposal Considerations (Non-Mandatory)

This section provides guidance on proper disposal practices, recycling or reclamation of the chemical(s) or its container, and safe handling practices. To minimize exposure, the reader should refer to Section 8 of this SDS.

Waste Disposal Method:

Dispose of waste including this product must be in accordance with local, state and Federal regulations. Products classified as non-hazardous may become hazardous waste upon contact / mixing with other products. Refer to "40 CFR § 260-299" for complete waste disposal regulations.

Section 14: Transport Information (Non-Mandatory)

This section provides guidance on classification information for shipping and transporting of hazardous chemical(S) by road, air, rail or sea.

UN Number:		- N/A
UN Proper Shipping Name:		- Not regulated
Transport Hazard Class(es):		- Not regulated
Packing Group (if applicable):		- Not regulated
Environmental Hazards:	Environmental Hazards = Marine Pollutant according to the International Maritime Dangerous Goods Code (IMDG Code).	
Transport in Bulk:	Transport in Bulk = According to Annex II of MARPOL 73/78 and the IBC Code.	
Special Precautions:		- N/A

Section 15: Regulatory Information (Non-Mandatory)

This section identifies the safety, health, and environmental regulations specific to this product which are not indicated anywhere else on this SDS

SARA TITLE III Information:

N/A

Immediate Hazard: N/A	Delayed Hazard: N/A	Fire Hazard: N/A	Pressure Hazard: N/A	Reactivity Hazard: N/A
--------------------------	------------------------	---------------------	-------------------------	---------------------------

Section 16: Other Information, Including Date of Preparation or Last Revision

This section identifies toxicological and health effects information or indicates such data are not available.

Prepared by: Mukat Gupta	Revision:	Issue Date: 5/24/17	Revision Date:
--------------------------	-----------	---------------------	----------------

The information contained herein is believed to be accurate, but is not warranted to be so. Users are advised to confirm in advance if the information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee (purchaser / customer) or third persons, if the reasonable safety procedures alluded to herein are not adhered to as stipulated in this safety data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.



Safety Data Sheet Lavender 40/42

SECTION 1: Identification

1.1 Product identifier

Product name	Lavender 40/42
Product number	essoil-1
Brand	Bulk Apothecary

1.4 Supplier's details

Name	Bulk Apothecary
Address	115 Lena Dr Aurora OH 44202 United States
Telephone	1-888-728-7612
email	sales@bulkapothecary.com

1.5 Emergency phone number(s)

Domestic: 1-800-633-8253 International: 801-629-0667

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

2.2 GHS label elements, including precautionary statements

Signal word

Warning

Hazard statement(s)

H304
H319
H402
H227
H315
H317

May be fatal if swallowed and enters airways
Causes serious eye irritation
Harmful to aquatic life
Combustible liquid
Causes skin irritation
May cause an allergic skin reaction

Precautionary statement(s)

P102

Keep out of reach of children.

Safety Data Sheet

Lavender 40/42

P210
P223

Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Do not allow contact with water.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. α -Terpineol

Concentration 1 % (weight)
EC no. 233-986-8
CAS no. 98-55-5

- Eye damage/irritation, Cat. 2A
- Flammable liquids, Cat. 4
- Skin corrosion/irritation, Cat. 2
- Specific target organ toxicity, single exposure, Cat. 3

H227 Combustible liquid
H315 Causes skin irritation
H319 Causes serious eye irritation
H335 May cause respiratory irritation
H336 May cause drowsiness or dizziness

2. BETA-CARYOPHYLLENE

Concentration 1 - 5 % (weight)
CAS no. 87-44-5

3. Bicyclo[311]heptane, 6,6-dimethyl-2-methylene-

Concentration 1 % (weight)
CAS no. 127-91-3

4. Camphene

Concentration 1 % (weight)
EC no. 201-234-8
CAS no. 79-92-5

- Eye damage/irritation, Cat. 2A
- Flammable solids, Cat. 2
- Hazardous to the aquatic environment - acute hazard, Cat. 1
- Hazardous to the aquatic environment - long-term hazard, Cat. 1

H228 Flammable solid
H319 Causes serious eye irritation
H400 Very toxic to aquatic life
H410 Very toxic to aquatic life with long lasting effects

5. 1,3,6-Octatriene, 3,7-dimethyl-

Safety Data Sheet

Lavender 40/42

Concentration 1 % (weight)
CAS no. 3338-55-4

6. Geraniol

Concentration 1 % (weight)
EC no. 203-377-1
CAS no. 106-24-1

- Skin corrosion/irritation, Cat. 2
- Eye damage/irritation, Cat. 1
- Sensitization, skin, Cat. 1
- Hazardous to the aquatic environment, short-term (acute), Cat. 3

7. (S)-(-)-Limonene

Concentration 1 % (weight)
EC no. 227-815-6
CAS no. 5989-54-8

8. Linalool

Concentration 40 - 45 % (weight)
EC no. 201-134-4
CAS no. 78-70-6

- Eye damage/irritation, Cat. 2A
- Flammable liquids, Cat. 4
- Skin corrosion/irritation, Cat. 2
- Hazardous to the aquatic environment - acute hazard, Cat. 3

H227 Combustible liquid
H315 Causes skin irritation
H319 Causes serious eye irritation
H402 Harmful to aquatic life

9. Linalyl acetate

Concentration 40 - 45 % (weight)
EC no. 204-116-4
CAS no. 115-95-7

- Eye damage/irritation, Cat. 2A
- Skin corrosion/irritation, Cat. 2

10. TRANS BETA-OCIMENE

Concentration 1 % (weight)
CAS no. 3779-61-1

11. 4-Carvomenthenol

Concentration 1 % (weight)
CAS no. 562-74-3

Safety Data Sheet

Lavender 40/42

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled	REMOVE FROM EXPOSURE AND MOVE TO FRESH AIR IMMEDIATELY. GET MEDICAL ASSISTANCE IF COUGH OR OTHER SYMPTOMS APPEAR.
In case of skin contact	IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES.
In case of eye contact	IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES, OCCASIONALLY LIFTING THE UPPER AND LOWER EYELIDS.
If swallowed	DO NOT INDUCE VOMITING. GET MEDICAL AID IF IRRITATION OF SYMPTOMS OCCURS.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

CO₂, DRY POWDER OR FOAM TYPE EXTINGUISHERS

5.3 Special protective actions for fire-fighters

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

REMOVE ANY SOURCE OF FLAME OR SPARKS. IF IN A CONFINED AREA NIOSH APPROVED RESPIRATORY PROTECTION MAY BE REQUIRED. REMOVE INDIVIDUALS FROM THE AREA IF THEY DO NOT HAVE RESPIRATORY/DUST PROTECTION.

6.3 Methods and materials for containment and cleaning up

SPRAY MATERIAL WITH WATER TO PREVENT DUSTING AND REMOVE TO AN APPROVED DISPOSAL CONTAINER. FOLLOW FEDERAL, STATE AND LOCAL PROCEDURES FOR CLEANING UP OF POWDER. DISPOSE OF IN ACCORDANCE WITH CURRENT LAWS AND REGULATIONS.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

HANDLE ACCORDING TO GOOD SAFETY PROCEDURES, AVOIDING UNNECESSARY EXPOSURE BY WEARING APPROPRIATE PROTECTIVE GEAR FOR THE SITUATION. STORE IN FULL CLOSED CONTAINERS IN A COOL DRY AREA AWAY FROM HEAT, LIGHT AND SOURCES OF IGNITION.

Safety Data Sheet

Lavender 40/42

SECTION 8: Exposure controls/personal protection

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

MAY BE IRRITATING

Skin protection

MAY BE IRRITATING

Respiratory protection

RESPIRATORY PROTECTION IS NORMALLY NOT REQUIRED IN WELL VENTILATED AREAS. HOWEVER, APPROVED RESPIRATORY PROTECTION MAY BE REQUIRED WHEN THE MATERIAL IS RATED TOXIC BY INHALATION OR IF THE MATERIAL IS TO BE USED IN A CONFINED AREA.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	COLORLESS TO YELLOW LIQUID
Odor	SWEET, HERBACEOUS-FLORAL
Odor threshold	
pH	
Melting point/freezing point	
Initial boiling point and boiling range	
Flash point	68.9 C
Evaporation rate	
Flammability (solid, gas)	
Upper/lower flammability limits	
Vapor pressure	
Vapor density	
Relative density	
Solubility(ies)	INSOLUBLE
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	
Explosive properties	
Oxidizing properties	

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under normal conditions

10.2 Chemical stability

Stable under normal conditions

10.5 Incompatible materials

α -Terpineol: Strong oxidizing agents, Acid chlorides, Acid anhydrides

Safety Data Sheet

Lavender 40/42

10.6 Hazardous decomposition products

Linalool : Hazardous decomposition products formed under fire conditions. - Carbon oxides
Other decomposition products - No data available
In the event of fire: see section 5

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

N/A

SECTION 12: Ecological information

Toxicity

N/A

SECTION 13: Disposal considerations

Disposal of the product

TREATMENT, STORAGE, TRANSPORTATION AND DISPOSAL MUST BE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION 14: Transport information

DOT (US)

NOT REGULATED

IMDG

NOT REGULATED

IATA

NOT REGULATED

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

New Jersey Right To Know Components

α -Terpineol
CAS-No. 98-55-5

Pennsylvania Right To Know Components

α -Terpineol
CAS-No. 98-55-5

New Jersey Right To Know Components

Camphene

Safety Data Sheet

Lavender 40/42

CAS-No. 79-92-5

Pennsylvania Right To Know Components

Camphene

CAS-No. 79-92-5

New Jersey Right To Know Components

Geraniol

CAS-No. 106-24-1

Pennsylvania Right To Know Components

Geraniol

CAS-No. 106-24-1

SARA 311/312 Hazards

Fire Hazard, Acute Health Hazard

Pennsylvania Right To Know Components

Linalool

CAS-No. 78-70-6

New Jersey Right To Know Components

Linalool

CAS-No. 78-70-6

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

New Jersey Right To Know Components

Safety Data Sheet

Lavender 40/42

Linalyl acetate
CAS-No. 115-95-7

Pennsylvania Right To Know Components

Linalyl acetate
CAS-No. 115-95-7

SARA 311/312 Hazards

Acute Health Hazard

SECTION 16: Other information

16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Bulk Apothecary be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Bulk Apothecary has been advised of the possibility of such damages.



Safety Data Sheet Jojoba Oil, Golden

SECTION 1: Identification

1.1 Product identifier

Product name	Jojoba Oil, Golden
Product number	bna-5
Brand	Nature's Oil
Substance name	Waxes and Waxy substances, jojoba
CAS no.	61789-91-1

1.3 Recommended use of the chemical and restrictions on use

Aromatic and cosmetic applications.

1.4 Supplier's details

Name	Bulk Apothecary
Address	115 Lena Dr Aurora OH 44202 United States
email	sales@bulkapothecary.com

1.5 Emergency phone number(s)

Domestic: 1-800-633-8253 International: 801-629-0667

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

Not a hazardous substance or mixture.

2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Other hazards which do not result in classification

Not a hazardous substance or mixture.

Safety Data Sheet

Jojoba Oil, Golden

SECTION 3: Composition/information on ingredients

3.1 Substances

Substance name	Waxes and Waxy substances, jojoba
CAS no.	61789-91-1
Other names / synonyms	Waxes and Waxy substances, jojoba; Simmondsia chinensis seed oil; Waxes and Waxy substances, jojoba; Jojoba Golden; Jojoba Oil; Lipovol J; DW Jojoba Golden

Hazardous components

1. Waxes and Waxy substances, jojoba/Jojoba Oil

Concentration	100 % (weight)
CAS no.	61789-91-1

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Never give anything by mouth to an unconscious person. If you feel Unwell, seek medical advise. Show the label or this safety data sheet when possible.
If inhaled	Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.
In case of skin contact	Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Get medical attention if symptoms occur.
In case of eye contact	Hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre or a doctor, or for at least 15 minutes.
If swallowed	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Carbon dioxide, dry chemical, or foam.

5.2 Specific hazards arising from the chemical

Upon combustion may produce oxides of carbon, smoke, and fumes. Fumes may be toxic.

5.3 Special protective actions for fire-fighters

Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion. Keep containers cool with water spray

Safety Data Sheet

Jojoba Oil, Golden

Further information

Determine the need to evacuate or isolate the area according to your local emergency plan.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Slippery when spilled. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Eliminate all ignition sources. Work upwind or increase ventilation.

6.2 Environmental precautions

Prevent entry to sewers and public waterways. Notify authorities should liquid enter sewers or public water sources.

6.3 Methods and materials for containment and cleaning up

Contain and collect with inert absorbent materials. Place in approved, suitable container for disposal. Comply with all federal, state, and local regulations. Wipe small spills with a cloth. Clean area with water and detergent.

Reference to other sections

For exposure controls and personal protection see section 8. For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid skin and eye contact and breathing in vapour, mists and aerosols. Avoid repeated or prolonged skin contact. Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well ventilated place and out of direct sunlight. Store below 30°C. Store away from sources of heat or ignition. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

SECTION 8: Exposure controls/personal protection

8.2 Appropriate engineering controls

Use in well ventilated areas. If inhalation risk exists: Use with local exhaust ventilation or while wearing self contained breathing apparatus if needed. Keep containers closed when not in use. An eyewash fountain and/or safety shower should be available in the work area

8.3 Individual protection measures, such as personal protective equipment (PPE)

Pictograms



Eye/face protection

Not normally needed. Wear chemical goggles or safety glasses if splash hazard exists.

Skin protection

Not usually needed. Wear protective gloves.

Safety Data Sheet

Jojoba Oil, Golden

Body protection

The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection is not required in normal conditions. Wear Self Contained Breathing Apparatus if needed.

Thermal hazards

Use at elevated temperatures may require additional precautions.

Environmental exposure controls

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Liquid; golden to brownish yellow liquid wax
Odor	Characteristic neutral odor; Nearly odorless
Odor threshold	No data available
pH	No data available
Melting point/freezing point	10°C - 15°C
Initial boiling point and boiling range	398 °C
Flash point	>296 °C
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability limits	No data available
Upper/lower explosive limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	No data available
Solubility(ies)	Insoluble in water
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

None under normal use conditions.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

None under normal use conditions

10.4 Conditions to avoid

Avoid exposure to heat, sources of ignition, and open flame.

Safety Data Sheet

Jojoba Oil, Golden

10.5 Incompatible materials

None known

10.6 Hazardous decomposition products

On combustion may produce smoke, carbon monoxide, and carbon dioxide.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects may arise if the product is mishandled.

Dermal LD50: 103,799 mL/kg (1)

Skin corrosion/irritation

Repeated or prolonged skin contact may lead to irritation. May cause allergic skin reaction in susceptible individuals.

Serious eye damage/irritation

May cause slight eye irritation

Respiratory or skin sensitization

Breathing in vapour, mists or aerosols may produce respiratory irritation. May cause respiratory sensitisation in sensitive individuals.

Germ cell mutagenicity

No mutagenic effects.

Carcinogenicity

No component of this product at levels greater than 0.1% is identified as carcinogenic by IARC, NTP, ACGIH, or OSHA.

Reproductive toxicity

No toxicity to reproduction.

STOT-single exposure

No data available

STOT-repeated exposure

No data available

Aspiration hazard

May cause respiratory sensitisation in sensitive individuals.

SECTION 12: Ecological information

Toxicity

No data available on product. Avoid any pollution of ground, surface, or underground water.

Persistence and degradability

No data available on product

Bioaccumulative potential

Safety Data Sheet

Jojoba Oil, Golden

No data available on product

Mobility in soil

No data available

Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

Other adverse effects

Avoid release to the environment.

SECTION 13: Disposal considerations

Disposal of the product

Disposal must be in accordance all applicable federal, state, and local regulations.

Disposal of contaminated packaging

Dispose of as unused product.

Waste treatment

Waste packaging should be recycled or reused whenever possible. If recycling is not feasible, contaminated packaging should be disposed of in accordance with all local, state, and federal regulations. Regulations vary by region.

Sewage disposal

Avoid release into sewers or other public water ways.

Other disposal recommendations

Waste is suitable for incineration by an approved agent.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

No SARA hazards.

SARA 311/312 Hazards

No SARA hazards.

Safety Data Sheet

Jojoba Oil, Golden

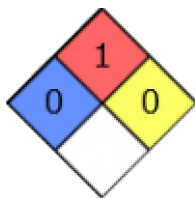
California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

HMIS Rating

Waxes and Waxy substances, jojoba	
HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	G

NFPA Rating



SECTION 16: Other information

SDS Version: 1.0
Revision Date: 10/25/2018

16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Bulk Apothecary be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Bulk Apothecary has been advised of the possibility of such damages.