



# SAFETY DATA SHEET

## 1. Identification

**Product identifier** **AL 500**  
METALWORKING OIL

**Other means of identification**  
**SDS number** Not applicable

**Recommended use** METALWORKING OIL

**Recommended restrictions** None known.

**Manufacturer/Importer/Supplier/Distributor information**  
**Manufacturer**

**Company name** DOALL SAWING PRODUCTS  
A DOALL COMPANY  
2375 Touhy Avenue  
Elk Grove Village, IL 60007

**Telephone (General Information)** 888-362-5572, Ext 65047

**Emergency telephone number** 1-800-424-9300 (CHEMTREC)

**Emergency telephone number (outside USA)** 1-703-527-3887 (CHEMTREC)

## 2. Hazard(s) identification

**Physical hazards** Not classified.

**Health hazards** Not classified.

**Environmental hazards** Not classified.

**OSHA defined hazards** Not classified.

**Label elements**

**Signal word** Not Applicable

**Hazard statement** Not Applicable

**Precautionary statement**

**Prevention** Not Applicable

**Response** Not Applicable

**Storage** Not Applicable

**Disposal** Not Applicable

**Hazard(s) not otherwise classified (HNOC)** None known.

**Supplemental information** None.

## 3. Composition/information on ingredients

Chemical name	Common name and synonyms	CAS number	%
Soybean Oil		8001-22-7	100

## 4. First-aid measures

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<b>Inhalation</b>	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
<b>Skin contact</b>	Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
<b>Eye contact</b>	Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Continue rinsing. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. Do not give liquids. Never give anything by mouth to a victim who is unconscious or is having convulsions. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical advice/attention if you feel unwell.
<b>Most important symptoms/effects, acute and delayed</b>	Aspiration may cause pulmonary edema and pneumonia.
<b>Indication of immediate medical attention and special treatment needed</b>	Preexisting skin conditions and/or respiratory disorders may be aggravated by exposure to this product. May cause an allergic reaction if ingested.
<b>General information</b>	Soybean oil allergy may occur with cross sensitivity to bean-related vegetable oils including peanut oil. Treat symptomatically.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Foam. Dry chemicals. Carbon dioxide (CO <sub>2</sub> ). Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Wear suitable protective equipment.
<b>Fire fighting equipment/instructions</b>	Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Cool containers exposed to heat with water spray and remove container, if no risk is involved.
<b>Specific methods</b>	In the event of fire and/or explosion do not breathe fumes.
<b>General fire hazards</b>	No unusual fire or explosion hazards noted.

**NFPA:** Health 1 Flammability 1 Instability 0 Special Hazards -

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	Local authorities should be advised if significant spillages cannot be contained. The product is immiscible with water and will spread on the water surface.  Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Clean up in accordance with all applicable regulations. Following product recovery, flush area with water.  Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.  Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
<b>Environmental precautions</b>	Contact local authorities in case of spillage to drain/aquatic environment. Use appropriate containment to avoid environmental contamination.

## 7. Handling and storage

### Precautions for safe handling

Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Avoid prolonged or repeated contact with skin. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

### Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat and sources of ignition. To maintain product quality, do not store in heat or direct sunlight. Store in original tightly closed container. Room temperature - normal conditions. Store away from incompatible materials (see Section 10 of the SDS). Keep this material away from food, drink and animal feed. Do not allow material to freeze. If frozen, product may separate. Thaw completely at room temperature and stir thoroughly prior to use.

## 8. Exposure controls/personal protection

### Occupational exposure limits

U.S. - OSHA

Name	ACGIH TLV	OSHA PELs:	OSHA - Vacated PELs	NIOSH IDLH
Soybean Oil 8001-22-7	-	TWA: 5 mg/m <sup>3</sup> Vegetable oil mist, respirable fraction TWA: 15 mg/m <sup>3</sup> Vegetable oil mist, total	TWA: 5 mg/m <sup>3</sup> mist, respirable fraction TWA: 15 mg/m <sup>3</sup> mist, total	-

### Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash fountain and emergency showers are recommended.

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

#### Eye/face protection

Wear safety glasses with side shields (or goggles). Avoid contact with eyes. Eye wash fountain is recommended.

#### Skin protection

##### Hand protection

Use protective gloves made of: Nitrile.

##### Other

Wear suitable protective clothing and gloves.

#### Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

#### Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

### General hygiene considerations

When using, do not eat, drink or smoke. Do not get in eyes, on skin, on clothing.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Physical State	Liquid
Appearance	Clear yellow to amber liquid
Color	Yellow to Amber
Odor	Slight vegetable oil.
Odor Threshold	No available data.

<u>Property</u>	<u>Values (Method)</u>
Melting Point / Freezing Point	~ -20 °C / -4 °F
Initial Boiling Point / Boiling Range	No available data. <b>Flash Point</b>
Point	~ 321 °C / 610 °F
Evaporation Rate	No available data.
Flammability (solid, gas)	Not applicable.
Flammability Limit in Air (%)	
Upper Flammability Limit:	No available data.
Lower Flammability Limit:	No available data.
Vapor Pressure	<1 mm Hg @72°C
Vapor Density	No available data.
Specific Gravity / Relative Density	~0.9
Water Solubility	Insoluble in water
Solubility in other solvents	No available data.
Partition Coefficient	No available data.
Decomposition temperature:	No available data.

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pH:	Not applicable
Autoignition Temperature	No available data.
Kinematic Viscosity	No available data.
Dynamic Viscosity	No available data.
Explosive Properties	No available data.
Softening Point	No available data.
VOC Content (%)	No available data.
Density	No available data.
Bulk Density	Not applicable.

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use. Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	Heat, flames and sparks. Temperatures exceeding the flash point. Contact with incompatible materials.
<b>Incompatible materials</b>	Avoid contact with oxidizers or reducing agents.
<b>Hazardous decomposition products</b>	Smoke, fumes, and oxides of carbon

## 11. Toxicological information

### Potential short-term adverse effects from overexposures

<b>Inhalation</b>	Excessive inhalation of mist may result in respiratory irritation. Overheating may produce vapors which may cause respiratory irritation, dizziness and nausea.
<b>Eye contact</b>	Produces little or no irritation on direct contact with the eye.
<b>Skin contact</b>	Prolonged and repeated contact may cause defatting and drying of the skin and may lead to irritation and/or dermatitis.
<b>Ingestion</b>	Ingestion of large amounts may cause gastrointestinal disturbances. May cause an allergic reaction in some individuals.

### Acute Toxicological data

Name	Oral LD50	Dermal LD50	Inhalation LC50
Soybean Oil 8001-22-7	-	-	-

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

Although specific long-term toxicity studies have not been conducted, soybean oil is expected to have a low order of oral, dermal and inhalation toxicity. Soybean oil allergy may occur with cross sensitivity to bean-related vegetable oils including peanut oil.

### Adverse effects related to the physical, chemical and toxicological characteristics

<b>Signs &amp; Symptoms</b>	Repeated or prolonged skin contact may cause drying, reddening, itching and cracking. May cause an allergic reaction if ingested.
<b>Sensitization</b>	Not expected to be a skin or respiratory sensitizer.
<b>Mutagenic effects</b>	None known.

**Carcinogenicity** Cancer designations are listed in the table below.

Name	ACGIH (Class)	IARC (Class)	NTP	OSHA
Soybean Oil 8001-22-7	Not Listed	Not Listed	Not Listed	Not Listed

<b>Reproductive toxicity</b>	None known.
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Specific Target Organ Toxicity (STOT) - single exposure Not classified.

Specific Target Organ Toxicity (STOT) - repeated exposure Not classified.

**Aspiration hazard** No available data.

## 12. Ecological information

**Ecotoxicity** This product is not expected to be harmful to aquatic organisms.

Name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
Soybean Oil 8001-22-7	-	-	-	-

**Persistence and degradability** Expected to be inherently biodegradable.

**Bioaccumulation** No information available.

**Mobility in soil** Insoluble and floats on water.

**Other adverse effects** No information available.

## 13. Disposal considerations

**Disposal instructions** Consult authorities before disposal. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.

## 14. Transport information

### DOT

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not established.

## 15. Regulatory information

**US Federal Regulatory Information:**

US TSCA Chemical Inventory Section 8(b):

This product and/or its components are listed on the TSCA Chemical Inventory.

**EPA Superfund Amendment & Reauthorization Act (SARA):**

**SARA Section 302:** This product does not contain any component(s) included on EPA's Extremely Hazardous Substance (EHS) List.

Name	CERCLA/SARA - Section 302 Extremely Hazardous Substances and TPQs
Soybean Oil	NA

**SARA Section 304:** This product does not contain any component(s) identified as an EHS or a CERCLA Hazardous substance, which in case of a spill or release may be subject to SARA reporting requirements.

Name	CERCLA/SARA - Hazardous Substances and their Reportable Quantities
Soybean Oil	NA

**SARA:** The following EPA hazard categories apply to this product:

None

**SARA Section 313:** This product does not contain components, which if in exceedance of the de minimus threshold, may be subject to the reporting requirements of SARA Title III Section 313 Toxic Release Reporting (Form R):

Name	CERCLA/SARA 313 Emission reporting:
Soybean Oil	None

**State and Community Right-To-Know Regulations:**

The following component(s) of this material are identified on the regulatory lists below:

Soybean Oil

- Louisiana Right-To-Know: Not Listed.
- California Proposition 65: Not Listed.
- New Jersey Right-To-Know: Not Listed.
- Pennsylvania Right-To-Know: Present
- Massachusetts Right-To Know: Not Listed.
- Florida Substance List: Not Listed.
- Rhode Island Right-To-Know: Not Listed.
- Michigan Critical Materials Register List: Not Listed.
- Massachusetts Extraordinarily Hazardous Substances: Not Listed.
- California - Regulated Carcinogens: Not Listed.
- Pennsylvania RTK - Special Hazardous Substances: Not Listed.
- New Jersey - Special Hazardous Substances: Not Listed.
- New Jersey - Environmental Hazardous Substances List: Not Listed.
- Illinois - Toxic Air Contaminants: Not Listed.
- New York - Reporting of Releases Part 597 - List of Hazardous Substances: Not Listed.

**Canada DSL/NDSL Inventory:** This product and/or its components are listed either on the Domestic Substances List (DSL) or are exempt.

**Canadian Regulatory Information:** "This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the (M)SDS contains all the information required by the Controlled Products Regulations."

## 16 Other information, including date of preparation or last revision

**Issue date** 09-23-2015

**Version #** 01

**Further information** Not available.

**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.