

This brief provides a general overview of the **Safety Data Sheet** requirements in the Hazard Communication Standard OSHA's 29 CFR 1910.1200(g) and Appendix D of 29 CFR 1910.1200).

Section 1 ~ Identification

Identity (As Used On Label and List) B4128 Soy Away	Date Prepared: 04-09-2018
Company Information: OMEGA INDUSTRIAL SUPPLY, INC	Emergency Telephone Number: 1-800-424-9300
Address (Number, Street, Suite/Apt#) 1133 W 27 ST	Telephone Number for Information: 1-800-571-7347
(City, State, and Zip Code) CHEYENNE, WY 82001	Signature of Prepare (Optional) REGULATORY DEPT.

Section 2 ~ Hazard(s) Identification

<i>Classification</i>	Flam. Liq. 4 Skin Irrit. 2 Skin Sens. 1	H227 H315 H317	Full text of H-phrases: See section 16
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Symbols



Signal Word: Warning

Hazards Statements (GHS-US)

Combustible liquid. Causes skin irritation. May cause an allergic skin reaction.

Precautionary Statements (GHS-US)

Keep away from heat, open flames, sparks. - No smoking. Avoid breathing vapors, spray, mist. Wash hands thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear eye protection, protective gloves. If on skin: Wash with plenty of water. Specific treatment (see first aid section on this label, on this label). If skin irritation occurs: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. Take off contaminated clothing and wash it before reuse. In case of fire: Use ABC-powder to extinguish. Store in a well-ventilated place. Keep cool. Dispose of contents/container to an approved waste disposal plant

Unknown acute toxicity (GHS-US)

Not applicable.

Section 3 ~ Composition/Information on Ingredients

Substances: Not applicable.

Mixture:

Components (Specific Chemical Identity, Common Name(s))	CAS No.	OSHA PEL	ACGIH TLV	GHS-US Classification	%(Wt.)
D-limonene	5989-27-5			Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	5 – 10%
1-methyl-2-pyrrolidone	872-50-4			Flam. Liq. 4, H227 Skin Irrit. 2, H315 STOT SE 3, H335	2 – 4%

Full Text of H-Phrase: See section 16

Section 4 ~ First Aid Measures

Eyes — Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

Skin — Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

Inhalation — Allow victim to breathe fresh air. Allow the victim to rest.

Ingestion — Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Most important symptoms and effects, both acute and delayed — Not expected to present a significant hazard under anticipated conditions of normal use.

Indication of any immediate medical attention and special treatment needed — Treat symptomatically.

Section 5 ~ Fire Fighting Measures

Suitable Extinguishing Media — Foam, dry powder, carbon dioxide, water spray, sand.

Unsuitable Extinguishing Media — Do not use a heavy water stream.

Reactivity — Stable under normal conditions.

Firefighting Instructions — Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection During Firefighting — Do not enter fire area without proper protective equipment, including respiratory protection.

Section 6 ~ Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

For Non-Emergency Personnel - Evacuate unnecessary personnel.

For Emergency Responders - Equip clean-up crew with proper protection. Ventilate area.

Environmental Precautions - Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Methods and Material for Containment And Cleaning Up — Dam up liquid spill. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

Reference to other sections - See heading 8. Exposure controls and personal protection.

Section 7 ~ Handling and Storage

Precautions for Safe Handling — Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

Storage Conditions — Keep only in the original container in a cool, well ventilated place away from heat sources. Keep container closed when not in use.

Incompatible Products — Strong bases, strong acids.

Incompatible Materials — Sources of ignition. Direct sunlight.

Section 8 ~ Exposure Controls/Personal Protection

Control Parameters:

	SOY AWAY	1-methyl-2-pyrrolidone (872-50-4)	D-limonene (5989-27-5)
ACGIH	Not applicable	Not applicable	Not applicable
OSHA	Not applicable	Not applicable	Not applicable

Appropriate engineering controls/ventilation — Not listed.

**Hand Protection**– Wear protective gloves.**Respiratory Protection** – Wear appropriate mask.**Eye/face protection**– Chemical goggles or safety glasses.**Other**– Do not eat, drink or smoke during use.**Section 9 ~ Physical Chemical Properties**

Boiling Point	N/D	Specific Gravity	N/D
Relative Vapor density at 20 °C	N/D	Melting/Freezing Point	N/D
Relative Density	N/D	Relative Evaporation rate (butylacetate=1)	N/D
Water: Solubility in water of component(s) of the mixture:	• 1-methyl-2-pyrrolidone: Complete • butyl glycoether: Complete • nonylphenoxypoly(ethyleneoxy) ethanol: soluble • D-limonene: insoluble		
Appearance and Odor — Colorless liquid with characteristic odor.	pH		N/D
Flash Point (Method Used): N/D	Auto - Ignition Temperature: N/D	Lower Flammability Level: N/D	Upper Flammability Level: N/D

Section 10 ~ Stability and Reactivity

Stability: Unstable Stable **Conditions to Avoid** – Direct sunlight. Extremely high or low temperatures. **Possible Hazardous Reactions:** Not established.

Incompatibility (Materials to Avoid) – Strong acids, strong bases.**Hazardous Decomposition or Byproducts** – Carbon monoxide, carbon dioxide.**Reactivity** — Stable under normal conditions.**Section 11 ~ Toxicological Information****Acute toxicity:** Not classified

1-methyl-2-pyrrolidone (872-50-4)	
LD50 oral rat	3914 mg/kg (Rat; Equivalent or similar to OECD 401; Literature study; 4150 mg/kg bodyweight; Rat; Experimental value)
LD50 dermal rat	7000 mg/kg (Rat; Literature study)
LD50 dermal rabbit	8000 mg/kg (Rabbit; Literature study; Equivalent or similar to OECD 402; >5000 mg/kg bodyweight; Rabbit; Experimental value)
LC50 inhalation rat (mg/l)	> 5.1 mg/l/4h (Rat; Experimental value)
ATE US (oral)	3914.000 mg/kg bodyweight
ATE US (dermal)	7000.000 mg/kg bodyweight
D-limonene (5989-27-5)	
LD50 oral rat	4400 mg/kg bodyweight (Rat; OECD 423; Acute Oral Toxicity – Acute Toxic Class Method; Literature study; > 2000 mg/kg bodyweight; Rat; Read-across)
LD50 dermal rabbit	> 5000 mg/kg bodyweight (Rabbit; Weight of evidence; Equivalent or similar to OECD 402)
ATE US (oral)	4400.000 mg/kg bodyweight

Skin corrosion/irritation: Causes skin irritation.**Serious eye damage/irritation:** Not classified.**Respiratory or skin sensitization:** May cause an allergic skin reaction.**Germ cell mutagenicity:** Not classified**Carcinogenicity:** Not classified

D-limonene (5989-27-5)	
IARC group	3 – Not classifiable

Reproductive Toxicity: Not classified**Specific target organ toxicity (single exposure):** Not classified**Specific target organ toxicity (repeated exposure):** Not classified**Aspiration Hazard:** Not classified**Potential adverse human health effects and symptoms:** Based on available data, the classification criteria are not met.**Section 12 ~ Ecological Information****Toxicity:** No additional information available.

1-methyl-2-pyrrolidone (872-50-4)	
LC50 fish 1	3048 mg/l (96 h; Salmo gairdneri (Oncorhynchus mykiss); Cool water)
EC50 Daphnia 1	4897 mg/l (48 h; Daphnia magna)
LC50 fish 2	832 mg/l (96 h; Lepomis macrochirus; Warm water)
EC50 Daphnia 2	4655 mg/l (Gammarus sp.)
Threshold limit algae 1	> 500 mg/l (Scenedesmus subspicatus)
Threshold limit algae 2	600.5 mg/l (72 h; Desmodesmus subspicatus; Growth rate)
D-limonene (5989-27-5)	
LC50 fish 1	720 µg/l (96 h; Pimephales promelas; Lethal)
EC50 Daphnia 1	0.36 mg/l (48 h; Daphnia magna; GLP)
LC50 fish 2	702 µg/l (96 h; Pimephales promelas)
Threshold limit algae 1	150 mg/l (72 h; Desmodesmus subspicatus; GLP)
Threshold limit algae 2	2.62 mg/l (72 h; Desmodesmus subspicatus)

SOY AWAY**Persistence and degradability:** Not established.**Bioaccumulative Potential:** Not established.**1-METHYL-2-PYRROLIDONE (872-50-4)****Persistence and degradability:** Readily biodegradable in water. Inherently biodegradable. Biodegradable in the soil. Photodegradation in the air. Not established.**Biochemical oxygen demand (BOD):** 1.07 g O₂/g substance.**Chemical oxygen demand (COD):** 1.56 g O₂/g substance**ThOD:** 1.9 g O₂/g substance**BOD (% of ThOD):** 0.56 % ThOD**Log Pow:** -0.73 - -0.46 (Experimental value)**Bioaccumulative Potential:** Not bioaccumulative. Not established.**Mobility in soil:** Surface tension 0.407 N/m**D-LIMONENE (5989-27-5)****Persistence and degradability:** Readily biodegradable in water. Forming sediments in water. Adsorbs into the soil. Not established**ThOD:** 3.29 g O₂/g substance**BCF fish 1** 864.8 - 1022 (Pisces; Fresh weight)**Log Pow:** 4.38 (Experimental value; OECD 117: Partition Coefficient (n-octanol/water), HPLC method; 37 °C)**Bioaccumulative potential:** Potential for bioaccumulation (4 ≥ Log Kow ≤ 5). Not established.**Effects on global warming:** No known ecological damage caused by this product.**Other information:** Avoid release to the environment.

Section 13 ~ Disposal Considerations

Waste Disposal Recommendations — Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials — Avoid release to the environment.

Section 14 ~ Transport Information

US Depart. of Transportation (DOT)		Water Transportation (IMDG)		Air Transportation (IATA)	
Proper Shipping Name:	Not regulated	Proper Shipping Name:	No additional information available	Proper Shipping Name:	No additional information available
Hazard Class:	-	Hazard Class:	-	Hazard Class:	-
UN Number:	-	UN Number:	-	UN Number:	-
Packing Group:	-	Environmental Hazards Water:	-	Packing Group:	-

Other information No supplementary information available.

Section 15 ~ Regulatory Information

US Federal Regulations

SOY AWAY – Not listed, on the United States TSCA (Toxic Substances Control Act) inventory.

All components of this product are listed, or excluded from listings, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory. Chemical(s) subject to the reporting requirements of section 313 or Title III of the superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

1-METHYL-2-PYRROLIDONE (872-50-4) 2 – 4

Listed on United States SARA Section 313.

CANADA: No additional information available.

EU-Regulations: No additional information available.

Classification according to Regulation (EC) No. 1272/2008 [CLP]: No additional information available.

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]: Not classified.

National Regulations: No additional information available.

US State Regulations: California Proposition 65 - This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive toxicity.

1-METHYL-2-PYRROLIDONE (872-50-4)

U.S. California Proposition 65 Carcinogens List: No

U.S. California Proposition 65 Developmental Toxicity: Yes

U.S. California Proposition 65 Reproductive Toxicity – Female: No

U.S. California Proposition 65 -Reproductive Toxicity – Male: No

No significance risk level (NSRL): 3200

1-METHYL-2-PYRROLIDONE (872-50-4): US. – New Jersey – Right to Know Hazardous Substance List.

Section 16 ~ Other Information

Full Text of H-phrases;

Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Flam. Liq. 3	Flammable liquids, Category 3
Flam. Liq. 4	Flammable liquids, Category 4
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Sensitization — Skin, category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H226	Flammable liquid and vapor
H227	Combustible liquid
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

	NFPA	HMIS	Key
HEALTH	1	1	4= Severe
FLAMMABILITY	2	2	3= Serious
REACTIVITY	1	1	2= Moderate
OTHER/PROTECTION	-	B	1= Slight 0= Minimal

B= Safety glasses, Gloves

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