



SAFETY DATA SHEET

SEAFIN AQUASPAR SATIN™

1. Identification

Product identifier	SeaFin AquaSpar Satin™
Other means of identification	
SDS number	12
Synonyms	1506-1569 Series
Recommended use	Not available.
Recommended restrictions	Not available.
Manufacturer/Importer/Supplier/Distributor information	
Manufacturer/Supplier	Daly's Wood Finishing Products, 4522 S 133 rd St, Tukwila, WA 98168.
General Assistance	(206) 244-8844, toll free: (800) 727-9694
E-Mail	info@dalyswoodfinishes.com
Contact Person	Not available.
Emergency Telephone	Chemtrec : 800-424-9300

2. Hazard(s) Identification

Physical hazards	Not classified	
Health hazards	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
	Reproductive toxicity	Category 1B
	Specific target organ toxicity, single exposure; Respiratory tract irritation	Category 3

Label elements



Signal word	Danger
Unknown Toxicity	0.59% of the mixture consists of ingredient(s) of unknown toxicity.
Hazard statement	Causes skin irritation. Causes serious eye irritation. May damage fertility or the unborn child. May cause respiratory irritation.
Precautionary statement	
Prevention	Wear protective gloves/protective clothing/eye protection/face protection. Wash skin thoroughly after handling. Obtain special instructions before use. Do not handle until all safety



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precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area.

Response

IF ON SKIN: wash with plenty of soap and water. IF SKIN irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF eye irritation persists: Get medical advice/attention. Call a POISON CENTER or doctor/physician if you feel unwell. IF exposed or concerned: Get medical advice/attention. IF INHALED: Remove person to fresh air and Keep comfortable for breathing.

Storage

Store locked up. Store in a well-ventilated place. Keep container tightly closed.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC)

None known.

3. Composition/information on ingredients

Mixture

<u>Chemical name</u>	<u>CAS number</u>	<u>%</u>
N-Methyl-2-pyrrolidone	872-50-4	<8
2-Dimethylaminoethanol	108-01-0	<2.5
Triethylamine	121-44-8	<2
Iso propyl alcohol	67-63-0	1.17
2-Butoxyethanol	111-76-2	<0.9

4. First-aid measures

Inhalation

Remove individual to fresh air. If not breathing, administer artificial respiration. Get medical aid immediately.

Skin contact

Wash off quickly with plenty of water, then soap and water. Remove and wash contaminated clothing before reuse.

Eye contact

Flush immediately with large amounts of water, especially under lids for at least 15 minutes. Obtain emergency medical treatment.

Ingestion

DO NOT INDUCE VOMITING. Give water or milk to drink; get



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Most important symptoms/effects, acute and delayed

medical attention.

May cause redness, irritation of eye. Ingestion may cause nausea, gastrointestinal irritation, or vomiting. Cause skin irritation.

Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed. In case of shortness of breath, give oxygen. Keep victim warm.

General information

If exposed or concerned: get medical attention/advice. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use.

5. Fire-fighting measures

Suitable extinguishing media

Product is non-flammable.

Unsuitable extinguishing media

None.

Specific hazards arising from the chemical

None known.

Special protective equipment and Special firefighting procedures

Product is non-flammable.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Environmental Precautions Methods and materials for containment and cleaning up

Avoid discharge into drains, water courses or onto the ground. Provide ventilation. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Stop the flow of material, if this is without risk. Soak up spill with absorbent material. For waste disposal, see section 13 of the SDS.



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7. Handling and storage

Precautions for safe handling

Read and observe all precautions on label. Use only with adequate ventilation. Do not breathe mist or vapor. Do not get in eyes, on skin, or on clothing. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Do not reuse container for other purposes. KEEP OUT OF REACH OF CHILDREN.

Conditions for safe storage

Store locked up. Store in original container; keep tightly closed and appropriately labeled. Do not reuse container for other purposes.

Incompatible materials

None known.

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Components	Type	Value
Triethylamine	PEL(TWA)	100 mg/m ³
Iso propyl alcohol	PEL(TWA)	400 ppm
2-Butoxyethanol	PEL(TWA)	240 mg/m ³
Dipropylene glycol monomethyl ether	PEL(TWA)	600 mg/m ³

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Triethylamine	TWA	100 mg/m ³
Iso propyl alcohol	TWA	400 ppm
2-Butoxyethanol	TWA	240 mg/m ³
Dipropylene glycol monomethyl ether	TWA	600 mg/m ³

US. OSHA Table Z-2 (29 CFR 1910.1000)

None of the components in this product is listed.

US. OSHA Table Z-3 (29 CFR 1910.1000)

Components	Type	Value
Amorphous silica	TWA	20 millions of particles per cubic foot of air, 80/(%SiO ₂)



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US. ACGIH Threshold Limit Values

Components	Type	Value
Triethylamine	TLV(TWA)	0.5 ppm
	TLV(ST)	1 ppm
2-Butoxyethanol	TLV(TWA)	20 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Triethylamine	REL (TWA)	10 ppm
	REL (ST)	15 ppm
Iso propyl alcohol	REL(TWA)	400 ppm
2-Butoxyethanol	REL (TWA)	24 mg/m ³
Dipropylene glycol monomethyl ether	REL (TWA)	100 ppm
	REL (ST)	150 ppm

Appropriate engineering controls Provide adequate general and local exhaust ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

Individual protection measures, such as personal protective equipment

Eye/face protection Goggles or face shield, if eye contact is likely.

Skin protection

Hand protection

Wear rubber or plastic gloves if repeated contact is likely.

Other

Wear impervious protective clothing. Eyewash station should be available.

Respiratory protection

None required unless spraying material. If material is to be sprayed, wear a NIOSH approved respirator for organic vapors. Ensure workers are trained in their proper use. Provide adequate ventilation to keep vapor concentration below TLV.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

Avoid contact with eyes. Avoid contact with skin. Keep away from food and drink. Keep work area clean and free from spills and leaks. Wash hands before breaks and immediately after handling the product. Provide eyewash station and safety shower. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Appearance

Milky white liquid.

Physical state

Liquid.

Form

Liquid.

Color

Milky white.



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Odor	Very little odor.
Odor threshold	Not available.
pH	Not available.
Melting point	Not available.
Freezing point	Not available.
Initial boiling point and boiling range	212 °F
Flash point	Not applicable.
% Volatile by Volume	75%
Evaporation rate (BuOAc=1)	As water.
Maximum Volatile Organic Compound (V.O.C.)	347 grams/liter
Flammability (solid, liquid, gas)	Non-flammable.
Upper/lower flammability or explosive limits	
Flammability limit – lower (%)	Not applicable.
Flammability limit – upper (%)	Not applicable.
Explosive limit - lower (%)	Not applicable.
Explosive limit - upper (%)	Not applicable.
Vapor pressure (mm Hg)	As water.
Vapor density (Air=1)	As water.
Relative density (Specific gravity)	1.05
Solubility(ies)	
Solubility (water)	Soluble.
Solubility (other)	Soluble in alcohol; insoluble in most petroleum solvents.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not applicable.
Decomposition temperature	Not available.
Viscosity	Not available.

10. Stability and reactivity

Reactivity	Hazardous reactions will not occur under normal conditions.
Chemical stability	Stable under recommended handling and storage conditions.
Possibility of hazardous reactions	Hazardous polymerization will not occur.
Conditions to avoid	Keep from freezing.
Incompatible materials	None known.
Hazardous decomposition Products	Usual products of combustion: CO ₂ and oxides of nitrogen.

11. Toxicological information

Information on likely routes of exposure

Ingestion	May cause nausea, gastrointestinal irritation or vomiting.
Inhalation	No known adverse effect.
Skin contact	Cause skin irritation.



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Eye contact
Symptoms related to the physical, chemical and toxicological characteristics
Delayed and immediate effects and also chronic effects from short- and long-term exposure

May cause redness and irritation.
May cause redness, irritation of eye. Ingestion may cause nausea, gastrointestinal irritation, or vomiting. Cause skin irritation.
No adverse long term affects are known, when used in accordance with safe handling information (see section 8).

Numerical measures of toxicity

Components

N-Methyl-2-pyrrolidone
(CAS 872-50-4)

2-Dimethylaminoethanol
(CAS 108-01-0)

Triethylamine
(CAS 121-44-8)

Iso propyl alcohol
(CAS 67-63-0)

2-butoxyethanol
(CAS 111-76-2)

Test

Oral LD₅₀
Dermal LD₅₀
Inhalation LC₅₀

Oral LD₅₀
Dermal LD₅₀
Inhalation LC₅₀

Oral LD₅₀
Dermal LD₅₀
Inhalation LC₅₀

Oral LD₅₀
Dermal LD₅₀
Inhalation LC₅₀

Oral LD₅₀
Dermal LD₅₀
Inhalation LC₅₀

Species

Rat

Rabbit

Rat

Rat

Rabbit

Rat

Rat

Rabbit

Rat

Rat

Rabbit

Rat

Rat

Rabbit

Rat

Test Results

3600 mg/kg

8000 mg/kg

5.1 mg/l, 4h

2130 mg/kg

1220 mg/kg

6.1 mg/l, 4h

460 mg/kg

570 mg/kg

7.1 mg/l, 4h

4710 mg/kg

12800 mg/kg

72.6 mg/kg

470 mg/kg

220 mg/kg

2.17 mg/l, 4h

Skin corrosion/irritation
Serious eye damage/eye irritation
Respiratory or skin sensitization

Causes skin irritation.
Causes serious eye irritation.

Respiratory sensitization

No data available.

Skin sensitization

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Reproductive toxicity

May damage fertility or the unborn child.

Specific target organ toxicity - single exposure

May cause respiratory irritation.

Specific target organ toxicity - repeated exposure

No data available.

Aspiration hazard

No data available.



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12. Ecological information

Numerical measures of toxicity

Components	Test	Species	Test Results
N-Methyl-2-pyrrolidone (CAS 872-50-4)	LC ₅₀	Rainbow trout (<i>Oncorhynchus mykiss</i>)	>500 mg/l, 96h
	NOEC	Water flea (<i>Daphnia magna</i>)	12.5 mg/l, 21d
Triethylamine (CAS 121-44-8)	EC ₅₀	Water flea (<i>Daphnia magna</i>)	17 mg/l, 48h
	NOEC	Rainbow trout (<i>Oncorhynchus mykiss</i>)	3.2 mg/l, 60d
Iso propyl alcohol (CAS 67-63-0)	LC ₅₀	Fathead minnow (<i>Pimephales promelas</i>)	6550 mg/l, 96h
	LC ₅₀	Common shrimp (<i>Crangon crangon</i>)	900 mg/l, 48h
	LC ₅₀	Guppy (<i>Poelicia reticulata</i>)	7060 mg/l, 7d
2-Dimethylaminoethanol (CAS 108-01-0)	LC ₅₀	Fathead minnow (<i>Pimephales promelas</i>)	81 mg/l, 96h
	LC ₅₀	Water flea (<i>Daphnia magna</i>)	98.37 mg/l, 48h

Persistence and degradability

No information available.

Bioaccumulative potential

No information available.

Mobility in soil

No information available.

Other adverse effects

No information available.

13. Disposal considerations

Disposal instructions

Dispose in accordance with all applicable federal, state and local regulations. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container; dispose of this material and its container in a safe way.

Hazardous waste code

US RCRA Hazardous Waste U List : Reference

Triethylamine (CAS 121-44-8) U404

Waste from residues/unused products

None known.

Contaminated packaging

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not reuse container for other purposes.



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14. Transport information

In accordance with DOT	Not regulated for transport.
In accordance with IMDG	Not regulated for transport.
In accordance with IATA	Not regulated for transport.

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

None of the chemicals in this product is regulated.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Triethylamine (CAS 121-44-8)	Listed
Iso propyl alcohol (CAS 67-63-0)	Listed
2-Butoxyethanol (CAS 111-76-2)	Listed
Dipropylene glycol monomethyl ether (CAS 34590-94-8)	Listed

CERCLA Hazardous Substance List (40 CFR 302.4)

Triethylamine (CAS 121-44-8)	Listed
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Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard	-	Yes
	Delayed Hazard	-	Yes
	Fire Hazard	-	No
	Pressure Hazard	-	No
	Reactivity Hazard	-	No

SARA 302/304 Extremely hazardous substance

None of the chemicals in this product is listed.

SARA 311/312 Hazardous chemical Yes

SARA 313 (TRI reporting)

Chemical Name	CAS number	% by wt
N-Methyl-2-pyrrolidone	872-50-4	<8
Triethylamine	121-44-8	<2
Iso propyl alcohol	67-63-0	1.17

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

None of the chemicals in this product is listed.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

None of the chemicals in this product is listed.

Safe Drinking Water Act (SDWA)

N-Methyl-2-pyrrolidone (CAS 872-50-4)



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Triethylamine (CAS 121-44-8)

US State regulations

WARNING: This product contains chemicals known to the State of California to cause birth defects or other reproductive harm.

US. New Jersey Worker and Community Right-to-Know Act

- N-Methyl-2-pyrrolidone (CAS 872-50-4)
- 2-Dimethylaminoethanol (CAS 108-01-0)
- Triethylamine (CAS 121-44-8)
- Iso propyl alcohol (CAS 67-63-0)
- 2-Butoxyethanol (CAS 111-76-2)
- Dipropylene glycol monomethyl ether (CAS 34590-94-8)
- Amorphous silica (CAS 112926-00-8)

US. Pennsylvania Worker and Community Right-to-Know Law

- N-Methyl-2-pyrrolidone (CAS 872-50-4)
- 2-Dimethylaminoethanol (CAS 108-01-0)
- Triethylamine (CAS 121-44-8)
- Iso propyl alcohol (CAS 67-63-0)
- 2-Butoxyethanol (CAS 111-76-2)
- Dipropylene glycol monomethyl ether (CAS 34590-94-8)

US. California Proposition 65

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT):

- N-Methyl-2-pyrrolidone (CAS 872-50-4)

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non- Domestic Substances List (NDSL)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).



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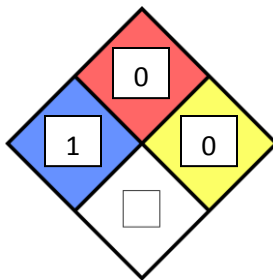
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16. Other information, including date of preparation or last revision

Issue date 12-10-2012
Revision date 08-27-2015
Version # 01
NFPA rating



References

ACGIH: Documentation of the Threshold Limit Values and Biological Exposure indices
ECHA: European Chemicals Agency
HSDB: Hazardous Substances Data Bank
IARC: International Agency for Research on Cancer
NIOSH: The National Institute for Occupational Safety and Health
NTP: National Toxicology Program
NLM: Hazardous Substances Data Base
OECD : Organization for Economic Co-operation and Development
OSHA: Occupational Safety and Health Administration

Disclaimer

The information, recommendations, and suggestions presented in this SDS are based upon test results and data believed to be reliable. The end user of the product has the responsibility for evaluating the adequacy of the data under the conditions of use, determining the safety, toxicity and suitability of the product under these conditions, and obtaining additional or clarifying information where uncertainty exists. No guarantee expressed or implied is made as to the effects of such use, the results to be obtained, or the safety and toxicity of the product in any specific application. Furthermore, the information herein is not represented as absolutely complete, since it is not practicable to provide all the scientific and study information in the format of this document, plus additional information may be necessary under exceptional conditions of use, or because of applicable laws or government regulations. All materials may present unknown hazards and should be used with caution.