



SAFETY DATA SHEET

E Z FIN


Revised Date: 12-17-2015

Supersedes: 04-07-2009

1. Identification

| | |
|---|---|
| Product identifier | E Z Fin |
| Other means of identification | |
| SDS number | 16 |
| Synonyms | Not available. |
| Recommended use | Not available. |
| Recommended restrictions | Not available. |
| Manufacturer/Importer/Supplier/Distributor information | |
| Manufacturer/Supplier | Daly's Wood Finishing Products 4522 S 133 rd Street Tukwila , WA 98168 |
| General Assistance | 206-244-8844 Toll Free (800) 727-9694 |
| E-Mail | Not available. |
| Contact Person | Not available. |
| Emergency Telephone | Chemtrec (800)424-9300 |

2. Hazard(s) Identification

| | | |
|--|--|-------------|
| Physical hazards | Not classified | |
| Health hazards | Reproductive toxicity | Category 1B |
| Label elements |  | |
| Signal word | Danger | |
| Unknown Toxicity | 95% of the mixture consists of ingredient(s) of unknown toxicity. | |
| Hazard statement | May damage fertility or the unborn child. | |
| Precautionary statement | | |
| Prevention | Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. | |
| Response | IF exposed or concerned: Get medical advice/attention. | |
| Storage | Store locked up. | |
| Disposal | Dispose of contents/container in accordance with local/regional/national/international regulations. | |
| Hazard(s) not otherwise classified (HNOC) | None known. | |



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3. Composition/information on ingredients

Mixtures

| <u>Chemical name</u> | <u>CAS number</u> | <u>%</u> |
|----------------------|-------------------|----------|
| N-Methyl pyrrolidone | 872-50-4 | 4 |

4. First-aid measures

| | |
|---|--|
| Inhalation | Move individual to fresh air. If breathing has stopped, apply artificial respiration, get medical attention immediately. |
| Skin contact | Wash with soap and water. |
| Eye contact | Wash with clean water for at least fifteen minutes; get medical attention. |
| Ingestion | DO NOT INDUCE VOMITING. Give water or milk to drink; get medical attention. |
| Most important symptoms/effects, acute and delayed | May cause redness, irritation of eye. Ingestion may cause nausea, gastrointestinal irritation, or vomiting. |
| 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 | Use an extinguishing agent suitable for the surrounding fire. |
| Unsuitable extinguishing media | None known. |
| Specific hazards arising from the chemical | None known. |
| Special protective equipment and Special firefighting procedures | No specific fire or explosion hazards. |

6. Accidental release measures

| | |
|---|--|
| Personal precautions, protective | Keep unnecessary personnel away. Keep people away from and |
|---|--|



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equipment and emergency procedures

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. Stop the flow of material, if this is without risk. Soak up spill with absorbent material. Rags and absorbent material should be immersed in water. Let dry and dispose of. For waste disposal, see section 13 of the SDS.

7. Handling and storage

Precautions for safe handling

Read and observe all precautions on label. Use only with adequate ventilation. 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.

Conditions for safe storage

KEEP OUT OF REACH OF CHILDREN. 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 |
|-------------------------------------|----------|----------------------------------|
| Dipropylene Glycol Monomethyl ether | PEL(TWA) | 100 ppm (600 mg/m ³) |

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

| Components | Type | Value |
|-------------------------------------|----------|----------------------------------|
| Dipropylene Glycol Monomethyl ether | PEL(TWA) | 100 ppm (600 mg/m ³) |

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

None of the components in this product is listed.



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

None of the components in this product is listed.

US. ACGIH Threshold Limit Values

| Components | Type | Value |
|-------------------------------------|----------|---------|
| Dipropylene Glycol Monomethyl ether | TLV(TWA) | 100 ppm |
| | TLV(ST) | 150 ppm |

US. NIOSH: Pocket Guide to Chemical Hazards

| Components | Type | Value |
|-------------------------------------|----------|----------------------------------|
| Dipropylene Glycol Monomethyl ether | REL(TWA) | 100 ppm (600 mg/m ³) |

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.

Skin protection

Hand protection

Wear rubber or plastic 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.

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. |
| Odor | Very little odor. |
| Odor threshold | Not available. |
| pH | Not available. |
| Melting point | Not available. |



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| | |
|---|---------------------------------------|
| Freezing point | Not available. |
| Initial boiling point and boiling range | 212 °F |
| Flash point | Not applicable. |
| % Volatile by Volume | 85 % |
| Evaporation rate (BuOAc=1) | As water. |
| Maximum Volatile Organic Compound (V.O.C.) | 308 grams/liter |
| Flammability (solid, liquid, gas) | Non flammable. |
| Upper/lower flammability or explosive limits | |
| Flammability limit – lower (%) | Not available. |
| Flammability limit – upper (%) | Not available. |
| Explosive limit - lower (%) | Not available. |
| Explosive limit - upper (%) | Not available. |
| Vapor pressure (mm Hg) | As water. |
| Vapor density (Air=1) | As water. |
| Relative density (Specific gravity) | 1.03 |
| Solubility(ies) | |
| Solubility (water) | Completely soluble in water, alcohol. |
| Solubility (other) | Insoluble in most petroleum |
| 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 effects. |
| Skin contact | No known adverse effects. |
| Eye contact | May cause redness and irritation. |
| Symptoms related to the physical, chemical and toxicological | May cause redness, irritation of eye. Ingestion may cause nausea, gastrointestinal irritation, or vomiting. |



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characteristics

Delayed and immediate effects and also chronic effects from short- and long-term exposure

No adverse long term affects are known, when used in accordance with safe handling information (see section 8).

Numerical measures of toxicity

Components

Dipropylene Glycol Monomethyl ether (CAS 34590-94-8)

Test

Oral LD₅₀
Dermal LD₅₀
Inhalation LC₅₀

Species

Rat
Rabbit
Rat
Rat
Rabbit
Rat

Test Results

>5000 mg/kg
9510 mg/kg
3000 mg/m³, 4h
3910 mg/kg
>5000 mg/kg
>5.1 mg/l, 4h

Skin corrosion/irritation

No data available.

Serious eye damage/eye irritation

No data available.

Respiratory or skin sensitization

Respiratory sensitization

No data available.

Skin sensitization

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

Not listed as a carcinogen by the NTP, IARC, or OSHA.

Reproductive toxicity

May damage fertility or the unborn child.

Specific target organ toxicity - single exposure

No data available.

Specific target organ toxicity - repeated exposure

No data available.

Aspiration hazard

No data available.

12. Ecological information

Numerical measures of toxicity

Components

Dipropylene Glycol Monomethyl ether (CAS 34590-94-8)

Test

Fish LC₅₀
Crustacea EC₅₀
Algae EC₅₀

Species

Guppy fish
(*Poecilia reticulata*)
Water flea
(*Ceriodaphnia dubia*)
Algae
(*Selenastrum capricornutum*)
Rainbow trout
(*Oncorhynchus mykiss*)
Water flea
(*Daphnia magna*)
Algae
(*Selenastrum capricornutum*)

Test Results

>1000 mg/l, 96h
33.53 mg/l, 48h
969 mg/l, 72h
>500 mg/l, 96h
1.23 mg/l, 48h
>500 mg/l, 96h

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

Fish LC₅₀
Crustacea EC₅₀
Algae EC₅₀



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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.

Contaminated packaging

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

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)

Dipropylene Glycol Monomethyl ether

Listed

(CAS 34590-94-8)

CERCLA Hazardous Substance List (40 CFR 302.4)

None of the chemicals in this product is listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

| | | |
|-------------------|---|-----|
| Immediate Hazard | - | No |
| 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.



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SARA 311/312 Hazardous chemical Yes

SARA 313 (TRI reporting)

| | | |
|----------------------|-------------------|----------------|
| Chemical Name | CAS number | % by wt |
| N-Methyl pyrrolidone | 872-50-4 | 4 |

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 pyrrolidone (CAS 872-50-4)

US State regulations

WARNING: This product contains chemicals known to the state of California to cause developmental toxicity.

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

Dipropylene Glycol Monomethyl ether (CAS 34590-94-8)

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

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

Dipropylene Glycol Monomethyl ether (CAS 34590-94-8)

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

US. California Proposition 65

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

N-Methyl 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) | Yes |
| Europe | European List of Notified Chemical Substances (ELINCS) | Yes |
| 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).

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

Issue date 04-07-2009



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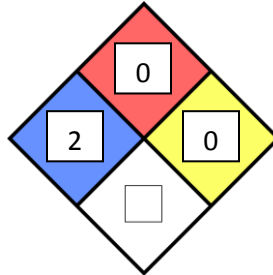
Revision date

12-17-2015

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.