



SAFETY DATA SHEET

Waterborne Gel Stain

Revised Date: 11-17-2015

Supersedes: 04-03-2013

1. Identification

Product identifier	Waterborne Gel Stain	
Other means of identification		
SDS number	07	
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	Sensitization, Skin Carcinogenicity	Category 1 Category 2
Label elements		
Signal word	Warning	
Hazard statement	May cause an allergic skin reaction. Suspected of causing cancer.	
Precautionary statement		
Prevention	Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the work place. 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 ON SKIN: wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. IF exposed or concerned: Get medical advice/attention.	
Storage	Store locked up.	



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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

Mixtures

<u>Chemical name</u>	<u>CAS number</u>	<u>%</u>
Poly(oxy-1,2-ethanediyl), a-sulfo-w-hydroxy-, C12-14-alkyl ethers, sodium salts	68891-38-3	<29
Naphtha (petroleum), hydrotreated heavy	64742-48-9	
Ethylbenzene	100-41-4	
Vinyl toluene	25013-15-4	<5
1,2-propanediol	57-55-6	<1
Iron(1+),chloro[dimethyl-9,9-dihydroxy-3-methyl-2,4-di-(2-pyridinyl-kN)-7-[(2-pyridinyl-kN)methyl]-3,7-diazabicyclo[3.3.1]nonane-1,5-dicarboxylate-kN3, kN7]-, chloride(1-)	478945-46-9	

4. First-aid measures

Inhalation

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

Skin contact

Wash area 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. Inhalation may cause respiratory tract irritation. Ingestion may cause nausea, gastrointestinal irritation, or vomiting. When comes in contact with skin may cause rash, cracking, dryness or defatting of skin. Pre-existing lung or skin conditions could be aggravated by repeated exposure.

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



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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 known.

Specific hazards arising from the chemical

None known.

Special protective equipment and Special firefighting procedures

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

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. 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. 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 breathe mist or vapor. Do not get in eyes, on skin, or on clothing. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

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. Store away from high temperature, sparks, or open flame. Read and observe all precautions on product label.



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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
Ethylbenzene	PEL(TWA)	100 ppm
Vinyl toluene	PEL(TWA)	100 ppm (480 mg/m ³)
Quartz	PEL(TWA)	$\frac{250^b}{\%SiO_2+5}$ (resp)
Sodium hydroxide	PEL(TWA)	2 mg/m ³

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

Components	Type	Value
Ethylbenzene	TWA	100 ppm
Vinyl toluene	TWA	100 ppm (480 mg/m ³)
Sodium hydroxide	TWA	2 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)

Quartz	TWA	$\frac{250^b}{\%SiO_2+5}$ (resp)
		$\frac{10 \text{ mg/m}^3}{\%SiO_2+2}$ (resp)
		$\frac{30 \text{ mg/m}^3}{\%SiO_2+2}$ (total)

US. ACGIH Threshold Limit Values

Components	Type	Value
Ethylbenzene	TLV(TWA)	20 ppm
Vinyl toluene	TLV(TWA)	50 ppm
	TLV (ST)	100 ppm
Sodium hydroxide	TLV(Ceiling)	2 mg/m ³

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Ethylbenzene	REL (TWA)	100 ppm
	REL(ST)	125 ppm
Vinyl toluene	REL (TWA)	100 ppm (480 mg/m ³)
Sodium hydroxide	REL (Ceiling)	2 mg/m ³

Appropriate engineering

Provide adequate general and local exhaust ventilation, especially in



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controls	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 neoprene or rubber gloves.
Other	Wear impervious protective clothing. Eyewash station should be available.
Respiratory protection	Wear a NIOSH approved respirator for organic vapors and ensure workers are trained in 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, Color will vary.
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	Non-flammable liquid.
% Volatile by Volume	70%
Evaporation rate (BuOAc=1)	<1
Maximum Volatile Organic Compound (V.O.C.)	<50 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.



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Vapor density (Air=1)	>1
Relative density (Specific gravity)	1.0-1.1
Solubility(ies)	
Solubility (water)	Completely soluble in water.
Solubility (other)	Completely soluble in alcohol. 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	May cause respiratory tract irritation.
Skin contact	May cause rash, cracking, dryness or defatting of skin.
Eye contact	May cause redness and irritation.

Symptoms related to the physical, chemical and toxicological characteristics May cause redness, irritation of eye. Inhalation may cause respiratory tract irritation. Ingestion may cause nausea, gastrointestinal irritation, or vomiting. When comes in contact with skin may cause rash, cracking, dryness or defatting of skin. Pre-existing lung or skin conditions could be aggravated by repeated exposure.

Delayed and immediate effects and also chronic effects from short- and long-term exposure No adverse long term effects are known, when used in accordance with safe handling information (see section 8). Pre-existing lung or skin conditions could be aggravated by repeated exposure.

Numerical measures of toxicity

Components	Test	Species	Test Results
Naphtha (petroleum),	Oral LD ₅₀	Rat	>5000 mg/kg
hydrotreated heavy (CAS 64742-	Dermal LD ₅₀	Rabbit	>2000 mg/kg



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48-9)	Inhalation LC ₅₀	Rat	> 5.61 mg/l, 4h
Ethylbenzene (CAS 100-41-4)	Oral LD ₅₀	Rat	3500 mg/kg
	Dermal LD ₅₀	Rabbit	17800 mg/kg
	Inhalation LC ₅₀	Rat	9.6 mg/l, 4h
Vinyl toluene (CAS 25013-15-4)	Oral LD ₅₀	Rat	4000 mg/kg
Quartz (CAS 14808-60-7)	Oral LD ₅₀	Rat	>2000 mg/kg
Oxirane, Me, polymer with oxirane monobutylether (polyalkylene glycol) (CAS 9038-95-3)	Oral LD ₅₀	Rat	12792 mg/kg
	Dermal LD ₅₀	Rabbit	> 20.800 mg/kg
Sodium hydroxide (CAS 1310-73-2)	Oral LD ₅₀	Rat	140-340 mg/kg
	Dermal LD ₅₀	Rabbit	1350 mg/kg
1,2-Benzisothiazol-3(2H)-one (CAS 2634-33-5)	Oral LD ₅₀	Rat	1020 mg/kg

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	May cause an allergic skin reaction.
Germ cell mutagenicity	No data available.
Carcinogenicity	Suspected of causing cancer.
IARC Monographs. Overall Evaluation of Carcinogenicity	
Ethylbenzene	2B "Possibly carcinogenic to humans".
NTP Report on Carcinogen	
Ethylbenzene	Not listed
U.S OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	
Ethylbenzene	Not listed
Reproductive toxicity	No data available.
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	Test	Species	Test Results
Ethylbenzene (CAS 100-41-4)	Fish LC ₅₀	Rainbow trout (<i>Oncorhynchus mykiss</i>)	4.2 mg/l, 96h
	Crustacea EC ₅₀	Water flea (<i>Daphnia magna</i>)	1.81 mg/l, 48h



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	Algae EC ₅₀	Microalga (<i>Selenastrum capricornutum</i>)	4.6 mg/l, 72h
Vinyl toluene (CAS 25013-15-4)	Fish NOEC	Blue gill (<i>Leopomis machrochirus</i>)	0.66 mg/l, 7d
	Crustacea EC ₅₀	Water flea (<i>Daphnia magna</i>)	0.81 mg/l, 48h
	Algae EC ₅₀	Microalga (<i>Selenastrum capricornutum</i>)	2.6 mg/l, 72h
Sodium hydroxide (CAS 1310-73-2)	Fish LC ₅₀	Rainbow trout (<i>Oncorhynchus mykiss</i>)	45.4 mg/l, 96h
1,2-Benzisothiazol- 3(2H)-one (CAS 2634-33-5)	Fish LC ₅₀	Rainbow trout (<i>Oncorhynchus mykiss</i>)	0.8 mg/, 96h
	Crustacea EC ₅₀	Water flea (<i>Daphnia magna</i>)	4.4 mg/l , 48 h

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

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

Iron(1+),chloro[dimethyl-9,9-dihydroxy-3-met
hyl-2,4-di-(2-pyridinyl-kN)-7-[(2-pyri
dinyln-kN)methyl]-3,7-diazabicyclo[3.
3.1]nonane-1,5-dicarboxylate-kN3,
kN7]-, chloride(1-) (CAS 478945-46-9)

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

Ethylbenzene (CAS 100-41-4) Listed
Vinyl toluene (CAS 25013-15-4) Listed
Quartz (CAS 14808-60-7) Listed
Sodium hydroxide (CAS 1310-73-2) Listed

CERCLA Hazardous Substance List (40 CFR 302.4)

Ethylbenzene (CAS 100-41-4) Listed
Sodium hydroxide (CAS 1310-73-2) Listed

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
Ethylbenzene	100-41-4	>1

Other federal regulations

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

Ethylbenzene (CAS 100-41-4)

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)

None of the chemicals in this product is listed.

US State regulations

WARNING: This product contains chemicals known to the state of California to cause birth defect.

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

Ethylbenzene (CAS 100-41-4)
Vinyl toluene (CAS 25013-15-4)
1,2-propanediol (CAS 57-55-6)
Quartz (CAS 14808-60-7)



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Sodium hydroxide (CAS 1310-73-2)

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

Ethylbenzene (CAS 100-41-4)

Vinyl toluene (CAS 25013-15-4)

1,2-propanediol

Quartz (CAS 14808-60-7)

Sodium hydroxide (CAS 1310-73-2)

US. California Proposition 65

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

Ethylbenzene (CAS 100-41-4)

Quartz (CAS 14808-60-7)

International Inventories

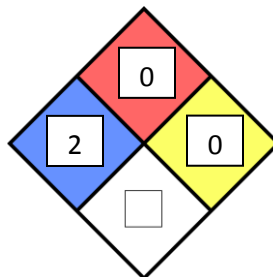
Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	No
Canada	Non- Domestic Substances List (NDSL)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
United States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

*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 04-03-2013
Revision date 11-17-2015
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



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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.