

Safety Data Sheet

1. IDENTIFICATION

Product identifier

Product Name Endless Summer Fence Stain Concentrate

Other means of identification

SDS # GRA-021

Recommended use of the chemical and restrictions on use

Recommended Use Water based acrylic stain.

Details of the supplier of the safety data sheet

Supplier Address

Vagabond Oil & Paint, Co. PO Box 291 Anacortes, WA 98273

Emergency telephone number

Company Phone Number 206-419-7258

Emergency Telephone INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Brown viscous liquid Physical state Liquid Odor Mild

Classification

Carcinogenicity Category 1A

Signal Word Danger

Hazard statements

May cause cancer



Precautionary Statements - 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

Precautionary Statements - Response

If exposed or concerned: Get medical advice/attention

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other hazards

Harmful to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Severely Hydrotreated Heavy Naphthenic	64742-52-5	<0.9
Petroleum Oil		
Carbon Black	1333-86-4	<0.3
Ammonium hydroxide	1336-21-6	<0.3
Diuron	330-54-1	<0.2

^{**}If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

4. FIRST AID MEASURES

Description of first aid measures

General Advice Provide this SDS to medical personnel for treatment.

Eye Contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.

Consult a physician.

Skin Contact Wash with soap and water. Take off contaminated clothing and wash it before reuse. Get

medical attention if irritation develops or persists.

Inhalation Remove to fresh air. If not breathing, give artificial respiration. Seek medical attention.

Ingestion Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious

person. Seek medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms Not determined.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Carbon dioxide (CO2). Foam. Dry chemical. Halon. Water spray (fog). Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Not determined.

Hazardous combustion products Smoke, fumes or vapors, and oxides of carbon.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment as required.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up

Absorb with inert material or sweep up, and then place in suitable container for chemical

waste.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Obtain special

instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing and eye/face protection.

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Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.

Incompatible Materials Strong oxidizers. Strong acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Severely Hydrotreated Heavy Naphthenic	TWA: 5 mg/m ³ (oil mist)	TWA: 5mg/m³ (oil mist)	TWA: none estab.
Petroleum Oil 64742-52-5	STEL: 10 mg/m ³ (oil mist)	STEL: none estab.	STEL: none estab.
Carbon Black 1333-86-4	TWA: 3 mg/m³ inhalable particulate matter	TWA: 3.5 mg/m³ (vacated) TWA: 3.5 mg/m³	IDLH: 1750 mg/m³ TWA: 3.5 mg/m³ TWA: 0.1 mg/m³ Carbon black in presence of Polycyclic aromatic hydrocarbons PAH
Diuron 330-54-1	TWA: 10 mg/m ³	(vacated) TWA: 10 mg/m ³	TWA: 10 mg/m ³

Appropriate engineering controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Wear eye/face protection. Refer to 29 CFR 1910.133 for eye and face protection

regulations.

Skin and Body Protection Wear protective gloves and protective clothing. Refer to 29 CFR 1910.138 for appropriate

skin and body protection.

Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved

respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations. Refer to 29 CFR 1910.134 for respiratory

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protection requirements.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Liquid

Appearance Brown viscous liquid Odor Mild

Color Brown Odor Threshold Not determined

Property Values Remarks • Method

pH 8.5

Melting point / freezing point -1.7 °C / 28.9 °F Initial boiling point and boiling No data available

range

Flash point > 93.3 / 200 °F

Evaporation Rate <1 (n-BuAc =1)

Flammability (Solid, Gas) Liquid-Not applicable

Flammability Limit in Air

Upper flammability or explosive No data available

limits

Lower flammability or explosive No data available

limits

Vapor Pressure Not determined Vapor Density No data available

Relative Density 1.04

Water Solubility Not determined Solubility in other solvents Not determined **Partition Coefficient** Not determined Autoignition temperature No data available Hyphen Not determined Kinematic viscosity Not determined **Dynamic Viscosity** Not determined **Explosive Properties** Not determined **Oxidizing Properties** Not determined

Other information

Liquid Density 8.7 lbs

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid

Keep out of reach of children.

Incompatible materials

Strong oxidizers. Strong acids.

Hazardous decomposition products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact Avoid contact with eyes.

Skin Contact Avoid contact with skin.

Inhalation Do not inhale.

Do not ingest. Ingestion

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Severely Hydrotreated Heavy Naphthenic Petroleum Oil 64742-52-5	> 5000 mg/kg(Rat)	> 5000 mg/kg(Rabbit)	-
Carbon Black 1333-86-4	> 15400 mg/kg (Rat)	-	> 4.6 mg/m³(Rat)4 h
Ammonium hydroxide 1336-21-6	= 350 mg/kg (Rat)	-	-
Diuron 330-54-1	= 4990 mg/kg (Rat)	> 2000 mg/kg (Rat)	> 5.05 mg/L (Rat)4 h

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Please see section 4 of this SDS for symptoms.

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

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

However, the product as a whole has not been tested.

Chemical name	ACGIH	IARC	NTP	OSHA
Severely Hydrotreated Heavy Naphthenic Petroleum Oil 64742-52-5	A2	Group 1	Known	Х
Carbon Black 1333-86-4	A3	Group 2B		X

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

NTP (National Toxicology Program)

Known - Known Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Numerical measures of toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life with long lasting effects.

Component Information

Chemical name	Algae/aquatic plants	Fish	Crustacea
Severely Hydrotreated Heavy		LC50: >5000mg/L (96h,	EC50: >1000mg/L (48h, Daphnia
Naphthenic Petroleum Oil		Oncorhynchus mykiss)	magna)
64742-52-5			
Ammonium hydroxide		LC50: =8.2mg/L (96h, Pimephales	EC50: =0.66mg/L (48h, water flea)
1336-21-6		promelas)	EC50: =0.66mg/L (48h, Daphnia
			pulex)
Diuron	EC50: =0.022mg/L (96h,	LC50: 13.4 - 15mg/L (96h,	EC50: =1.4mg/L (48h, Daphnia
330-54-1	Desmodesmus subspicatus)	Pimephales promelas)	magna)
	EC50: =0.036mg/L (72h,	LC50: 2.3 - 3.3mg/L (96h, Lepomis	EC50: 6.3 - 13mg/L (48h, Daphnia
	Desmodesmus subspicatus)	macrochirus)	magna)
	EC50: <0.1mg/L (72h,	LC50: =4mg/L (96h, Lepomis	
	Pseudokirchneriella subcapitata)	macrochirus)	
	EC50: =0.0007mg/L (96h,	LC50: 1.5 - 2.54mg/L (96h,	
	Pseudokirchneriella subcapitata)	Oncorhynchus mykiss)	
		LC50: =14.7mg/L (96h,	
		Oncorhynchus mykiss)	
		LC50: =2.9mg/L (96h, Cyprinus	
		carpio)	

Persistence/Degradability

Not determined.

Bioaccumulation

There is no data for this product.

Mobility

Chemical name	Partition coefficient
Diuron 330-54-1	2.89

Other adverse effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of WastesDisposal should be in accordance with applicable regional, national and local laws and

regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and

regulations.

California Hazardous Waste Status

Chemical name	California Hazardous Waste Status
Ammonium hydroxide	Toxic
1336-21-6	Corrosive

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including

exemptions and special circumstances.

DOT Not regulated

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AIIC
Alkyd Resin						Х		Х	Х
Acrylic Resin	Х	ACTIVE	Х		Х	Х	Х	Х	Х
Yellow Iron Oxide	Х	ACTIVE	Х	Х	Х	Х	Х	Х	Х
Severely Hydrotreated Heavy Naphthenic Petroleum Oil	X	ACTIVE	Х	X		Х	X	X	Х
Fatty alcohols, C10-12, ethoxylated, propoxylated	Х	ACTIVE	Х			Х	Х	Х	Х
Carbon Black	Х	ACTIVE	Х	Х	Х	Х	Х	Х	Х
Ammonium hydroxide	Х	ACTIVE	Х	Х	Х	Х	Х	Х	Χ
Diuron	Х	ACTIVE	Х	Х	Х	Х	X	Х	X

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Ammonium hydroxide	1000 lb		RQ 1000 lb final RQ
1336-21-6			RQ 454 kg final RQ
Diuron	100 lb		RQ 100 lb final RQ
330-54-1			RQ 45.4 kg final RQ

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Ammonium hydroxide	1000 lb			X
Diuron	100 lb			Х

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals.

Chemical name	California Proposition 65	
Carbon Black - 1333-86-4	Carcinogen	
Diuron - 330-54-1	Carcinogen	

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Carbon Black 1333-86-4	Χ	Х	X
Ammonium hydroxide 1336-21-6	Х	Х	X
Diuron 330-54-1	Х	Х	Х

16. OTHER INFORMATION

NFPA	Health hazards	Flammability	Instability	Special hazards
	-	-	-	-
HMIS_	Health hazards	Flammability	Physical hazards	Personal Protection
	-	-	_	Not determined

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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.

End of Safety Data Sheet