

Issue Date: 04-Dec-2020

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Version 1

Safety Data Sheet

1. IDENTIFICATION

<u>Product identifier</u> Product Name	PRO TECH SERIES DOMINATOR SG+
Other means of identification SDS #	BDC-001
Recommended use of the chemical	and restrictions on use
Recommended Use	Sealer for concrete pavers and decorative concrete
Details of the supplier of the safety data sheet Supplier Address Black Diamond Coatings 6063 Nature Coast Blvd Brooksville, FL 34602	
Emergency telephone number Company Phone Number	800-270-4050

INFOTRAC 1-352-323-3500 (International) 1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Clear liquid

Emergency Telephone

Physical state Liquid

Odor Mild

Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Dipropylene Glycol Monomethyl Ether (DPM)	34590-94-8	1-5

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

Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes.
Inhalation	Remove to fresh air.
Ingestion	Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed

Symptoms None known.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Incompatible Materials

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.

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 containm	nent and cleaning up	
Methods for Containment	Prevent further leakage or spillage if safe to do so.	
Methods for Clean-Up	Keep in suitable, closed containers for disposal.	
7. HANDLING AND STORAGE		
Precautions for safe handling		
Advice on Safe Handling	Handle in accordance with good industrial hygiene and safety practice.	
Conditions for safe storage, including any incompatibilities		
Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place.	

None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Dipropylene Glycol Monomethyl Ether	STEL: 150 ppm	TWA: 100 ppm	IDLH: 600 ppm
(DPM)	TWA: 100 ppm	TWA: 600 mg/m ³	TWA: 100 ppm
34590-94-8	S*	(vacated) TWA: 100 ppm (vacated) TWA: 600 mg/m ³ (vacated) STEL: 150 ppm (vacated) STEL: 900 mg/m ³ (vacated) S* S*	TWA: 600 mg/m ³ STEL: 150 ppm STEL: 900 mg/m ³

Appropriate engineering controls

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

Individual protection measures, such as personal protective equipment

Eye/Face Protection	Refer to 29 CFR 1910.133 for eye and face protection regulations.
Skin and Body Protection	Refer to 29 CFR 1910.138 for appropriate skin and body protection.
Respiratory Protection	Refer to 29 CFR 1910.134 for respiratory 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 Appearance Color	Liquid Clear liquid Colorless	Odor Odor Threshold	Mild Not determined
Property_	<u>Values</u>	Remarks • Method	
pH	9-11		
Melting point / freezing point	0 °C 32 °F		
Boiling point / boiling range	100 °C / 212 °F		
Flash point	100 °C / 212 °F		
Evaporation Rate	Not determined		
Flammability (Solid, Gas)	Liquid-Not applicable		
Flammability Limit in Air	Not data wain a d		
Upper flammability or explosive	Not determined		
limits	Not determined		
Lower flammability or explosive limits	Not determined		
Vapor Pressure	Not determined		
Vapor Density	Not determined		
Relative Density	1.011		
Water Solubility	100%		
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Autoignition temperature	Not determined		
Decomposition temperature	Not determined		
Kinematic viscosity	Not determined		
Dynamic Viscosity	Not determined		
Explosive Properties	Not determined		
Oxidizing Properties	Not determined		

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.

Conditions to Avoid

Keep out of reach of children.

Incompatible materials

None known based on information supplied.

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.
Ingestion	Do not ingest.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Dipropylene glycol monobutyl ether 29911-28-2	= 1620 µL/kg (Rat)	= 5860 μL/kg (Rabbit)	= 42.1 ppm (Rat)4 h
Dipropylene Glycol Monomethyl Ether (DPM) 34590-94-8	= 5.35 g/kg (Rat)	= 9500 mg/kg (Rabbit)	-
Bis(1,2,2,6,6-pentamethyl-4- piperidinyl)sebacate 41556-26-7	= 2615 mg/kg (Rat)	-	-
Sodium dioctyl sulfosuccinate 577-11-7	= 3080 mg/kg (Rat)= 1900 mg/kg (Rat)	> 10000 mg/kg (Rabbit)	-

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 Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

Oral LD50 Dermal LD50 17,005.80 mg/kg 50,255.60 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Component Information

Chemical name	Algae/aquatic plants	Fish	Crustacea
Dipropylene glycol monobutyl ether 29911-28-2		841: 96 h Poecilia reticulata mg/L LC50 static	
Dipropylene Glycol Monomethyl Ether (DPM) 34590-94-8		10000: 96 h Pimephales promelas mg/L LC50 static	1919: 48 h Daphnia magna mg/L LC50
Bis(1,2,2,6,6-pentamethyl-4- piperidinyl)sebacate 41556-26-7		0.97: 96 h Lepomis macrochirus mg/L LC50 static	20: 24 h Daphnia magna mg/L EC50
Sodium dioctyl sulfosuccinate 577-11-7		37: 96 h Lepomis macrochirus mg/L LC50 static 24: 96 h Oncorhynchus mykiss mg/L LC50 static 20 - 40: 96 h Oncorhynchus mykiss mg/L LC50 semi-static	36: 48 h Daphnia magna mg/L EC50

Persistence/Degradability

Not determined.

Bioaccumulation

There is no data for this product.

Mobility

Chemical name	Partition coefficient
Dipropylene Glycol Monomethyl Ether (DPM)	-0.064
34590-94-8	

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes	Disposal 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.

14. TRANSPORT INFORMATION

<u>Note</u>	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	AICS
Dipropylene glycol monobutyl ether	Х	ACTIVE	х	Х	х	X	х	х	Х
Dipropylene Glycol Monomethyl Ether (DPM)	Х	ACTIVE	Х	Х	х	X	Х	Х	Х
Bis(1,2,2,6,6-pentamethyl-4- piperidinyl)sebacate	Х	ACTIVE	Х	Х	х	X	Х	Х	Х
Sodium dioctyl sulfosuccinate	Х	ACTIVE	Х	Х	х	X	Х	Х	х
2,4,7,9-Tetramethyl-5- decyne-4,7-diol ethoxylate	Х	ACTIVE	Х	Х	Х	X	х	Х	Х
Methyl (1,2,2,6,6- pentamethyl-4- piperidinyl)sebacate	Х	ACTIVE	Х	Х	Х	X	х	X	Х

Legend:

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

 $\textbf{DSL/NDSL}\ \ \text{-}\ Canadian\ Domestic\ Substances\ List/Non-Domestic\ Substances\ List}$

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

 $\ensuremath{\textit{PICCS}}$ - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313

Chemical name	CAS No	Weight-%	SARA 313 - Threshold Values %
Dipropylene Glycol Monomethyl Ether (DPM) - 34590-94-8	34590-94-8	1-5	1.0

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Dipropylene Glycol Monomethyl	Х	Х	Х
Ether (DPM)			
34590-94-8			

16. OTHER INFORMATION

NFPA	
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HMIS

Health Hazards Not determined Health Hazards Not determined

rds Flammability ed Not determined 04-Dec-2020

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New format

Flammability

Not determined

Instability Not determined Physical hazards Not determined Special Hazards Not determined Personal Protection Not determined

Disclaimer

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Revision Note:

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