

Material Safety Data Sheet

Digicut ShieldGrip DSG

Date of Preparation:

Revision: 9/14/2017

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: ShieldGrip DSG

General Use: Commercial Installation Solution

Manufacturer: Digicut Systems
7700 E. 38th Street
Tulsa, Ok 74145

Phone: 918-622-4725 Fax: 918-622-7311 Hours of Operation: 8-5 Emergency Phone: 918-622-4725

Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	%wt or %vol
Proprietary surfactants and wetting agents	Not specified	3 - 5
Distilled Water	7732-18-5	95 - 97

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH IDLH
	TWA	STEL	TWA	STEL	TWA	STEL	

Section 3 - Hazards Identification

Emergency Overview

Mild liquid, prolonged contact may cause skin & eye irritation. Ingestion may cause gastric distress. Hazard symbol for this product – None. Risk Phases – Not Classified.

HMIS

H 1

F 0

R 0

PPE: B Safety glasses, gloves

POTENTIAL HEALTH EFFECTS:

Primary Entry Routes: Inhalation, eyes, skin.

Inhalation: Not expected, however certain individuals may experience minor nausea or headaches.

Eye: This product is an eye irritant. Contact with the eyes may cause irritation.

Skin: Not expected, however prolonged contact may result in irritation.

Ingestion: May cause gastric distress, vomiting and diarrhea.

Carcinogenicity: IARC, NTP, and OSHA do not list **Digicut ShieldGrip HDE** as a carcinogen.

Medical Conditions Aggravated by Long-Term Exposure: Prolonged exposure may cause skin & eye irritation.

Chronic Effects: None known

Section 4 - First Aid Measures

Inhalation: Remove to fresh air. Get medical attention if irritation persists.

Eye Contact: Flush eyes with large amounts of water for 15 minutes or until irritation subsides. Remove contact lenses. Hold eyelids apart to ensure thorough cleansing. Get medical attention.

Skin Contact: Flush exposed areas thoroughly with soap and water until all chemical is removed. Remove contaminated clothing and launder before reuse. If irritation persists, get medical attention.

Ingestion: If individual is conscious, give 2 glasses of water to dilute stomach contents. DO NOT induce vomiting. DO NOT attempt to give anything by mouth to a drowsy or unconscious person. Get prompt medical attention.

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Section 5 - Fire-Fighting Measures

Flash Point: Non-flammable. Does not readily ignite.

Flash Point Method:

Autoignition Temperature: Not determined

Extinguishing Media: CO₂, foam, water spray or dry chemical.

Unusual Fire or Explosion Hazards: None

Fire-Fighting Instructions: Use water spray to keep fire-exposed containers cool, to prevent rupture due to steam build-up. Do not release runoff from fire control methods to sewers or waterways.

Fire-Fighting Equipment:

Section 6 - Accidental Release Measures

Spill /Leak Procedures: Shut off source of leak if safe to do so.

Spills: Absorb spill in sand, sawdust, etc.

Containment: For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways.

Regulatory Requirements: A spill may require an emergency release report under SARA, Title III (40 CFR, Part 355) and/or CERCLA (40 CFR, Part 300). Consult counsel for further guidance on state or local reporting requirements.

Section 7 - Handling and Storage

Handling Precautions: Keep container closed when not in use; protect container from abuse. Wear appropriate protective equipment when handling material.

Storage Requirements: Protect from freezing and storage in extreme temperatures.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls:

Ventilation: Provide general or local exhaust ventilation systems is recommended. Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

Respiratory Protection: None required.

Protective Clothing/Equipment:

Safety Stations: Make emergency eyewash stations available in work area.

Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9 - Physical and Chemical Properties

Odor: Clear to hazy liquid, characteristic mild odor,
pH 7.2

Vapor Pressure:

Vapor Density (Air=1): >1

Specific Gravity (H₂O=1): 1.017

Boiling Point: 212 °F

Melting Point: NA

Flash Point:

Evaporation Rate(butyl acetate=1): <1

Solubility in Water: Complete

Section 10 - Stability and Reactivity

Stability: Stable

Polymerization: Will not occur

Chemical Incompatibilities: NA

Conditions to Avoid: Avoid extreme temperatures. Do not mix with strong acids, alkalis, or oxidizers.

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Section 11 - Toxicological Information

Eye Effects: Irritation
Skin Effects: Irritation

Toxicity Data:*

Acute Inhalation Effects: Not expected, but certain individuals may experience minor nausea or headaches.
Acute Oral Effects: May cause gastric distress, vomiting and diarrhea.
Chronic Effects: None

This product is considered non-toxic based on the chemical components. Contains proprietary surfactants & wetting agents.

* See NIOSH for additional toxicity data.

Section 12 - Ecological Information

Ecotoxicity: NA
Environmental Fate: NA
Environmental Transport: NA
Environmental Degradation: NA

No data are available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of the product it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. None of the ingredients in this mixture are classified as a Marine Pollutant.

Section 13 - Disposal Considerations

Disposal: Follow applicable federal, state and local regulations.

Disposal Regulatory Requirements: Do not discharge into lakes, ponds, streams or public waters. Product is classified as non-hazardous, however non-hazardous materials may become hazardous waste upon contact with other chemicals. Refer to 40 CFR 260-299 for complete waste disposal regulations.

Section 14 - Transport Information

DOT Transportation Data (49 CFR 172.101):

Shipping Name: Non-hazardous
Hazard Class: Not regulated
ID No.: None
Packing Group: Not regulated
Label:
Special Provisions (172.102):
None

Packaging Authorizations
a) Exceptions:
b) Non-bulk Packaging:
c) Bulk Packaging:

Note: Transportation information provided is for reference only. Customer is urged to consult 49 CFR 100-177, IMDG, IATA, EC, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

Section 15 - Regulatory Information

EPA Regulations:

RCRA Hazardous Waste Number:
RCRA Hazardous Waste Classification (40 CFR 261.):
CERCLA Haz Sub (40 CFR 302.4):
CERCLA Reportable Quantity (RQ): None
SARA 311/312 Codes: Does not meet any hazard category
SARA Toxic Chemicals(40 CFR 372.65): None required per SARA TITLE III Section 313
SARA EHS(Extremely Hazardous Substance)(40 CFR 355): Not listed, Threshold Planning Quantity(TPQ)

OSHA Regulations:

Air Contaminant (29 CFR 1910.1000, Table Z-1, Z-1-A): Not listed
OSHA Specifically Regulated Substance (29CFR 1910): Not listed

State Regulations: None

Section 16 - Other Information

Disclaimer: The information given and the recommendations made herein apply to our product(s) alone and not combined with other product(s). Such are based on our research and on data from other reliable sources and are believed to be accurate. No guarantee of accuracy is made. It is the purchaser's responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes. Vendor assumes no responsibility for injury to a vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacture of the product as described in Section 1.