

DCS - Dry Cow Sealant

MSDS Number: H698124

Revision Date: September 8, 2015

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1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: DCS - Dry Cow Sealant
Revision Date: September 8, 2015
MSDS Number: H698124

Manufactured for:

Kärcher North America, Inc.
 325 South Price Road
 Chandler, AZ 85224

Phone: 360-833-1600
Fax: 360-833-9200
Email: info@karcherna.com
Web: www.karcher.com

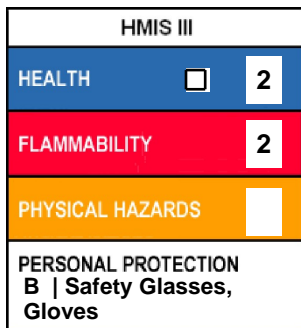
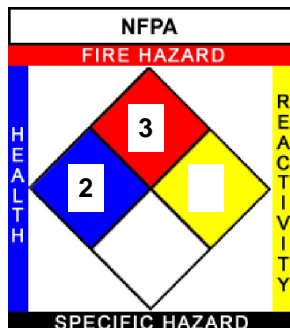
Emergency Information: INFOTRAC 1-800-535-5053 International 1-352-323-3500

2 HAZARDS IDENTIFICATION

- Route of Entry:** Eyes; Skin; Inhalation; Ingestion
- Target Organs:** Eye; Skin;
- Inhalation:** Minimal respiratory tract irritation is expected when product is used according to label instructions.
- Skin Contact:** May cause irritation.
- Eye Contact:** May cause irritation, tearing and redness.
- Ingestion:** Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury.

NFPA:
 HMIS III:

Health = 2, Fire = 3, Reactivity =
 H2/F2/PH



PERSONAL PROTECTION INDEX							
A		G		+		+	
B		H		+		+	
C		I		+		+	
D		J		+		+	
E		K		+		+	
F		X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions				
A		n		O		p	
t		U		w		Y	
		q		r		S	
		Z	Additional Information				



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GHS Signal Word:
DANGER

GHS Hazard Pictograms:



GHS Classifications:

Physical, Flammable Liquids, 2
Health, Acute toxicity, 5 Oral
Health, Acute toxicity, 5 Dermal
Health, Serious Eye Damage/Eye Irritation, 2 B

GHS Phrases:

H225 - Highly flammable liquid and vapor
H303 - May be harmful if swallowed
H313 - May be harmful in contact with skin
H320 - Causes eye irritation

GHS Precautionary Statements:

P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
P233 - Keep container tightly closed.
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
P264 - Wash hands thoroughly after handling.
P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P337+313: If eye irritation persists get medical advice/attention.
P403+235 - Store in a well ventilated place. Keep cool.

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COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Percentage	Chemical Name
67-63-0	25-28%	Isopropanol
64-17-5	30-32%	Ethanol
141-78-6	8-10%	Ethyl acetate

OSHA Regulatory Status:

This 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.



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4 FIRST AID MEASURES

- Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
- Skin Contact:** Wash with soap and water. If irritation persists consult medical personnel.
- Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Get immediate medical attention.
- Ingestion:** If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured party is conscious, give two glasses of water. Seek medical attention.

5 FIRE FIGHTING MEASURES

Flash Point: 27.22 °C/ 81 °F

Wear self-contained breathing apparatus and other protective clothing. Use any standard agent - choose the one most appropriate for type of surrounding fire.

6 ACCIDENTAL RELEASE MEASURES

Isolate area; keep unnecessary personnel away. Eliminate all sources of ignition. Do not discharge into drains. Ventilate closed spaces before entering. Prevent further leakage or spillage if safe to do so. Prevent entry into waterways, sewers, basements or confined areas. Wear appropriate protective equipment and clothing during cleanup. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

7 HANDLING AND STORAGE

- Handling Precautions:** Keep away from sources of ignition. Avoid contact with eyes, skin, or clothing; Consider normal working hygiene. Handle with care and avoid spillage on the floor (slippage). Keep away from sources of ignition; wash thoroughly after handling.
- Storage Requirements:** Keep away from children. Store in cool/dry area; Keep container closed; keep away from heat, sparks, and flames.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering Controls:** Normal room ventilation is satisfactory for limited use.
- Personal Protective Equip:** HMIS PP, B | Safety Glasses, Gloves

Isopropanol 67-63-0 OSHA PEL 400 ppm/ 980 mg/m³
 Ethanol 67-17-5 OSHA PEL 1000 ppm - 1900 mg/m³
 Ethyl Acetate 141-78-6 OSHA PEL 400 ppm/ 1400 mg/m³

Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.



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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Blue	Odor:	Sweet
Spec Grav./Density:	8.34 lb/gal		
pH:	5.5 - 8.0		

10 STABILITY AND REACTIVITY

Stability:	Avoid sources of ignition such as sparks, hot spots, welding flames and lighted cigarettes which may yield toxic and/or corrosive decomposition products.
Conditions to Avoid:	Open flames, ignition points, heat sources
Materials to Avoid:	Strong oxidizing or acidic materials.
Hazardous Decomposition:	Not Known.
Hazardous Polymerization:	Will not occur.

11 TOXICOLOGICAL INFORMATION

Isopropanol 67-63-0

Oral (LD 50): 5045 mg/kg - Rat
Inhalation (LC 50): 16000 ppm/8H - Rat
Skin irritation: Mild - Rabbit
Eye irritation: Severe - Rabbit
Sensitation: Not considered an occupational sensitizer

Ethanol 64-17-5

Oral (LD 50): 7060 mg/kg - Rat
Inhalation (LC 50): 20000 ppm/10H - Rat
Skin irritation: Mild - Rabbit
Eye irritation: Severe - Rabbit
Sensitation: Not considered an occupational sensitizer

Ethyl Acetate 141-78-6

Oral (LD-50): 5620 mg/kg - Rat
Inhalation (LC-50): 200 gm/m³/4H - Rat
Skin irritation: Severe
Eye irritation: Severe
Sensitation: Not considered an occupational sensitizer



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12 ECOLOGICAL INFORMATION

On the basis of available information, this material is not expected to produce any significant environmental effects when recommended use instructions are followed.

13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

14 TRANSPORT INFORMATION

For ground shipments: Limited Quantity (Ltd Qty). Ship in accordance with 49 CFR parts 100-185. For air/ocean shipments refer to the appropriate regulation.

15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Isopropanol (67630 25-28%) MASS, NJHS, NRC, OSHAWAC, PA, SARA313, TSCA, TXAIR, WHMIS

*Ethanol (64175 30-32%) MASS, OSHAWAC, PA, TSCA, TXAIR

*Ethyl acetate (141786 8-10%) CERCLA, MASS, OSHAWAC, PA, TOXICRCRA, TSCA, TXAIR, TXHWL

REGULATORY KEY DESCRIPTIONS

All components are listed on TSCA

CERCLA = Superfund clean up substance
MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances
NRC = Nationally Recognized Carcinogens
OSHA = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
SARA313 = SARA 313 Title III Toxic Chemicals
TSCA = Toxic Substances Control Act
TXAIR = TX Air Contaminants with Health Effects Screening Level
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
TXHWL = TX Hazardous Waste List
WHMIS = Workplace Haz Mat Info Sys Canada



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OTHER INFORMATION

This document is prepared in accordance with 29 CFR 1910.1200. The purpose of this section is to ensure that the hazards of all chemicals produced or imported are evaluated, and that information concerning their hazards is transmitted to employers and employees.

All information appearing herein is based upon data obtained from the raw material manufacturer and/or recognized technical sources. While the information above is believed to be true and accurate, the author makes no representations as to its accuracy or sufficiency. Conditions of use are beyond the manufacturer's control; therefore the users are responsible to verify this data under their own particular conditions, applications and regulations to determine if the product is suitable for their particular purposes. The users assume all risks of product use, handling, disposal, reliance upon, publication or use of the information contained herein. This information applies only to the product designated above and does not necessarily apply to its use in combination with other materials, products, chemical compounds, structures or processes.

Prepared by: EHS Manager