

D Dakota AG Innovations, LLC

SAFETY DATA SHEET

Page: 1 of 6
 SDS No.
 Date Created: February 12, 2016
 Supercedes: December 14, 2004

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Dakota Magic Upholstery Cleaner
General Use: Cleaner
Product Description: White Opaque Liquid

MANUFACTURER

Dakota Ag Innovations, LLC
 40690 253rd Street
 Mitchell, South Dakota 57301
 605-996-7800

EMERGENCY TELEPHONE NUMBER:

1-800-424-9300 CHEMTREC

www.dakotaaginnovations.com

2. HAZARD IDENTIFICATION

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

Component	EXPOSURE LIMITS 8 hrs TWA (ppm)			
	OSHA PEL	ACGIH TLV	NIOSH REL	AIHA WEEL
Sodium Silicate	None Established	None Established	None Established	
THFA	None Established	None Established	None Established	0.5 ppm
Polyethylene glycol nonyl phenol	None Established	None Established	None Established	10 mg/m ³
Dimethylsiloxane, hydroxy terminated	None Established	None Established	None Established	
Sodium alkyl ether sulfate	None Established	None Established	None Established	
Ethoxylated alcohols	None Established	None Established	None Established	
Sodium xylene sulfonate	None Established	None Established	None Established	

EMERGENCY OVERVIEW

GHS CLASSIFICATION OF SUBSTANCE

Flammable Liquid	Not Applicable
Aspiration Toxicity	Not Applicable
Skin Irritation	Category 3
Eye Irritation	Category 2A
Carcinogenicity	No Classification Under GHS
Specific Organ Toxicity Repeated Exp.	No Classification Under GHS
Specific Organ Toxicity Single Exp.	No Classification Under GHS
Reproductive Toxicity	No Classification Under GHS
Acute Toxicity	No Classification Under GHS
Germ Cell mutagenicity	No Classification Under GHS
Hazardous to the aquatic env.	No Classification Under GHS

GHS LABEL ELEMENTS



Signal Word
WARNING

Hazard Statements

H315 - Causes skin irritation

H319 - Cause serious eye irritation

Precautionary Statements

General:

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P103 - Read label before use.

Prevention:

P264 - Wash hands thoroughly after handling.

P280 - If skin irritation including redness and dryness is experienced, wear protective gloves when using the product. If application is likely to result in eye contact, wear suitable eye protection to avoid getting liquid in the eyes.

Response:

P302 + P352 - IF ON SKIN: Wash with plenty of clean water.

P332 + P313 - If skin irritation occurs: Get medical advice/attention.

P362 + P364 - Take off contaminated clothing and wash before reuse.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage/Disposal:

None

UN GHS

ACCORDING TO THE GLOBALLY HARMONIZED STANDARD FOR CLASSIFICATION AND LABELING (GHS) THIS PRODUCT IS CONSIDERED HAZARDOUS BASED ON ALKALINITY.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>vol%</u>	<u>CAS Registry #</u>
Sodium Silicate	<1.5	6834-92-0
THFA	3 - 8	97-99-4
Polyethylene glycol nonyl phenol	<0.5	9016-45-9
Dimethylsiloxane, hydroxy terminated	2 - 7	70131-67-8
Sodium alkyl ether sulfate	<1.5	68585-34-2
Ethoxylated alcohols	1 - 5	mixed
Sodium xylene sulfonate	<1	1300-72-7
Water	balance	

4. FIRST AID MEASURES

INHALATION:

Move person to fresh air. If respiratory irritation persists, seek medical attention. Volatile portion is not sufficient to make this an important route of exposure during normal use.

EYE CONTACT:

Remove contact lens (if present). Rinse eyes immediately with plenty of clean water for at least 15 minutes. Flush under eyelids. If eye irritation persists, seek medical attention.

SKIN CONTACT:

In case of skin contact, rinse skin with plenty of water. Effects are similar to an alkaline soap/surfactant solution.

INGESTION:

DO NOT INDUCE VOMITING. Product is alkaline. If a significant quantity is ingested, seek medical attention and provide this safety data sheet.

5. FIRE FIGHTING MEASURES

Flashpoint and Method: >165 °F
Flammable Limits: Unknown
Autoignition Temperature: Unknown

GENERAL HAZARD:

Product is water based and not expected to produce a significant fire hazard.

FIRE FIGHTING INSTRUCTIONS:

Either allow fire to burn out under controlled conditions or extinguish with foam or dry chemical. Use water spray to cool fire exposed surfaces. Avoid spraying water directly into storage containers due to danger of boil over.

FIRE FIGHTING EQUIPMENT:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. For small outdoor fires, which may be easily extinguished with a portable fire extinguisher, use of any SCBA may not be required.

HAZARDOUS COMBUSTION PRODUCTS:

Carbon monoxide, oxides of nitrogen, oxides of sulfur, aldehydes, and carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

LAND SPILL RESPONSE:

Product is water based and is packaged in small enough quantities that a land spill is not a significant issue. The alkalinity will likely be neutralized by the soils.

WATER SPILL:

Product is water based and is packaged in small enough quantities that a water spill is not a significant issue. Material spilled in limited quantities will naturally dilute and should result in no adverse effect.

RECOMMENDED DISPOSAL:

Product is alkaline and a cleaner. Most appropriate method of disposal is to consume it in cleaning activities. If stored under recommended conditions it maintains its effectiveness for a long duration.

7. HANDLING AND STORAGE

STORAGE TEMPERATURE: Ambient

STORAGE PRESSURE: Atmospheric

GENERAL:

Keep container closed while not in use.

Store in a cool, well-ventilated place away from incompatible materials.

Follow SDS and label warnings.

Empty container can be rinsed and disposed as recyclable polymeric material. Consult recycling guidelines in the location where the product is used.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

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Sodium xylene sulfonate	None Established	None Established	None Established	

ENGINEERING CONTROLS:

This is a household use product. It is not likely special engineering controls will be available in most use settings. Verify it is not being used in enclosed areas where vapors can concentrate and that clean water is available if any of the product is splashed in the eyes.

PERSONAL PROTECTION:

Not applicable if used as directed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure:	Not available	Vapor Density:	Not available
Specific Gravity:	1	Evaporation Rate:	Not available
Solubility in Water:	fully miscible	Freezing Point:	Not Available
pH:	12.3	Odor:	Herbal Floral
Boiling Point:	similar to water	Appearance:	White Opaque
Viscosity:	Not available	Physical State:	Liquid
Flash Point:	>165 °F	Flammable Range:	Not Available

10. STABILITY AND REACTIVITY

GENERAL:

This product is stable and hazardous polymerization will not occur.

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:

Reactive with oxidizing agents, acids. Slightly reactive to reactive with reducing agents and organic materials with the generation of some heat.

HAZARDOUS DECOMPOSITION:

None

11. TOXICOLOGICAL INFORMATION

TOXICITY TO ANIMALS:

Component	Acute Test	Value	Species
THFA	Oral LD50	1600 mg/kg	Rat
THFA	Peritoneal LD50	400 mg/kg	Rat
THFA	Dermal LD50	5 mg/kg	Guinea Pig
Ethoxylated Alcohol	Oral LD50	2000 mg/kg	Rat
sodium 2-ethylhexyl sulfate	Oral LD50	3.7 ml/kg	Rat
sodium 2-ethylhexyl sulfate	Eye Irritation	severely irritating	Rabbit

sodium silicate	Oral LD50	90,000 mg/kg	Rat
sodium silicate	Dermal LD50	>4650 mg/kg	Rabbit

ROUTES OF ENTRY:

Volatile components are not sufficient in the product to make it an inhalation hazard. The product alkalinity creates a hazard if liquid is splashed into the eyes. Prolonged skin contact may be irritating.

CHRONIC EFFECTS ON HUMANS:

Eyes:

Alkaline liquids can cause irreversible damage to the eye if allowed prolonged contact without irrigating the eye with clean water to neutralize the alkalinity.

Skin:

Alkaline cleaners cause some skin irritation generally in the form of dryness when skin has a pre-existing sensitivity or there is prolonged contact with the product.

Ingestion:

Not a likely route of exposure during normal use. Alkaline cleaners are known to cause gastrointestinal irritation and damage which is dependent on the amount ingested and the amount of available alkalinity.

Inhalation:

prolonged exposure to THFA vapor may cause central nervous system (CNS) depression and decreased male fertility.

12. ECOLOGICAL INFORMATION

<u>Species</u>	<u>Test Information</u>	<u>concentration</u>	<u>Stat Sig Level</u>	<u>component</u>
Green Algae (Scenedesmus subspicatus)	72hr EC20 (growth rate)	646 ug/l	end point	ethoxylated alcohols
duckweed (Lemna minor)	7day EC20 (frond count)	741 ug/l	end point	ethoxylated alcohols
Green algae (Chlorella vulgaris)	72hr EC20 (growth rate)	5281 ug/l	end point	ethoxylated alcohols
Lepomis macrochirus (blue gill)	96hr LC50	301-478 mg/l	end point	sodium silicate
Daphnia magna	96hr LC50	216 mg/l	end point	sodium silicate
Harlequinfihs, red rasbora	LC50	3,600 mg/l	end point	THFA

PRODUCTS OF BIODEGRADATION:

The products of biodegradation are less toxic than the product, itself.

13. DISPOSAL CONSIDERATIONS

This product is not classified as a hazardous waste based on its constituents. Consult local regulatory agencies prior to disposal of unused portions.

14. TRANSPORT INFORMATION

The following proper shipping name, hazard class and packing group are in accordance to transportation regulations.

Mode of Transportation	Domestic Surface (USDOT)	Domestic Air	International Air (IATA)
UN Number	NA	NA	NA
Proper Shipping Name			
Hazard Class			
Packing Group			
Hazard Label			
Handling Label(s)			
ERG#:			
Packaging Instructions:			

15. REGULATORY INFORMATION

TSCA (Toxic Substance Control Act):
Components of this product are listed on the TSCA inventory.

SARA Section 302 - Emergency Planning Notification - No
 SARA Section 304 - Emergency Release Notification. No
 SARA 311/312 - Hazard categories for SARA Section 311/312 Reporting: No
 CERCLA - Hazardous Substance - No
 RCRA Hazardous Waste Classification - No

California Proposition 65:
No ingredients currently listed on California Proposition 65 list .

16. OTHER INFORMATION

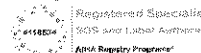
NATIONAL FIRE PROTECTION ASSOCIATION

Health: 1
 Fire: 0
 Reactivity: 0

CREATION/REVISION SUMMARY:

Created on July 8, 2000 by:
 Revised on October 16, 2003 and
 December 14, 2004.
 Converted to SDS on February 15, 2016

Cheryl Sykora, CIH, CSP,CHMM
 Registered Specialist, SDS and Label Authoring #118534
 LEGEND TECHNICAL SERVICES, INC.
 88 Empire Drive
 Saint Paul, Minnesota 55103
 651-221-4085



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