Safety Data Sheet

DDDS ONE STEP LEMON

UNCONTROLLED DOCUMENT

Warsaw Chemical Co., Inc. posts our Safety Data Sheets (SDS) to our company website ONLY. Warsaw Chemical is NOT responsible for any SDS found on other sites.

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Warsaw Chemical CO INC.
P.O. BOX 858 • Warsaw, Indiana 46581
ORDERS: 800-548-3396 • PHONE: 574-267-3251 • FAX: 574-267-3884
www.warsaw-chem.com

Section 1. Chemical product and company identification

Product Name: DDDS ONE STEP LEMON

Product use: Dilutable disinfectant

Contact Information:
Warsaw Chemical Co., Inc.
P.O. Box 858
Warsaw, IN 46581
Tel: 1.800.548.3396
Fax: 1.574.267.3884

Emergency Phone:
INFOTRAC
800.535.5053 USA & Canada
352.323.3500 International

Section 2. Hazards identification

GHS Classification:

Acute toxicity, oral(Category 5)
Acute toxicity, dermal(Category 5)
Eye damage/irritation(Category 2B)

Pictogram(s):

Signal Word: **WARNING**

Hazard Statements:

H303 May be harmful if swallowed
H313 May be harmful in contact with skin
H320 Causes eye irritation

Precautionary Statement(s):

P264 Wash ... thoroughly after handling
P270 Do not eat, drink or smoke when using this product
P330 Rinse mouth
P501 Dispose of contents/container in accordance with federal, state and/or local regulations
P312 Call a POISON CENTER or doctor/physician if you feel unwell
P280 Wear protective gloves/protective clothing/eye protection/face protection
P363 Wash contaminated clothing before reuse

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing
P337+313 If eye irritation persists get medical advice/attention
P301+312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P302+352 IF ON SKIN: Wash with soap and water

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Section 3. Composition/information on ingredients

Name	CAS number	% Less Than
Chelating Agent	N/E	1.0000
Organic Acid	77-92-9	2.0000
Surfactant	N/E	9.0000
Surfactant	1643-20-5	3.0000

The chemical identity of some or all components is confidential business information (trade secret) and is being withheld as permitted by 29CFR19191200 (i). No other ingredients known to be hazardous.

Section 4. First aid measures

Eye contact: Check for and remove contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

Skin contact: Wash skin surfaces thoroughly after contact. Wash clothing and clean shoes thoroughly before reuse. Get medical attention if irritation develops.

Inhalation: Move exposed person to fresh air. If breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen clothing. Get medical attention immediately.

Ingestion: Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

General: Physicians: No specific treatment. Treat symptomatically. Contact poison treatment specialist if large quantities have been inhaled or ingested.

See Section 11 for exposure symptoms.

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Section 5. Fire-fighting measures

Flammability: In a fire or if heated, a pressure increase will occur and the container may burst.

Extinguishing Media: Use an extinguishing agent suitable for the surrounding fire.

Protective Equipment: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with full face-piece operated in positive pressure mode.

Additional Information: Thermal decomposition products-carbon monoxide, sulfur oxides, metal oxide/ oxides, halogenated compounds.

Section 6. Accidental release measures

Personal Precautions: No action should be taken involving individual risk or without suitable training. Isolate area. Avoid contact with material. Do not breath vapors. Provide adequate ventilation. Wear proper personal protective equipment.

Environmental: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform relevant authorities if the product reaches sewers, waterways or soil.

Containment/Cleanup: Stop leak if without risk. Move containers from spill area. Contain or absorb with inert dry material. Dispose of according to local regulations. See Section 1 for emergency contact information and 13 for waste disposal.

Section 7. Handling and storage

Safe Handling: Wear appropriate personal protective equipment (see Section 8). Eating drinking and smoking should be prohibited. Do not get into eyes or on skin Do not ingest. Keep containers tightly closed. Do not reuse container.

Safe Storage: Store in accordance with local regulations. Store in original container away from foods, drink and incompatible materials. Keep container tightly closed. Do not store unlabeled. Use appropriate containment.

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Section 8. Exposure controls/personal protection

Engineering Controls: Apply technical measures to comply with occupational exposure limits. Mechanical ventilation, eyewash stations, showers where necessary.

Eye Protection: Safety eyewear/face shield complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

Respiratory Protection: Use a properly fitted air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates necessity. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product & the safe working limits of the chosen respirator.

Hand Protection: Chemical resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Skin Protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

COMPONENT	ACGIH TWA ppm	OSHA/NIOSH STEL ppm	OSHA/ACGHI STEL mg/m3
Chelating Agent			2
Surfactant	C1000	C1000	

Section 9. Physical and chemical properties

Physical State:	Liquid
Color:	Yellow
Odor:	Lemon
Odor Threshold:	N/E
pH:	7.2 -8.2
Melting Point:	32‘F
Freezing Point:	32‘F
Boiling Point:	N/E
Flash Point:	Nonflammable
Evaporation Rate:	N/E
Flammability:	Nonflammable
Upper Explosive Limits:	N/A
Lower Explosive Limits:	N/A
Vapor Pressure:	N/E
Vapor Density:	N/E
Relative Density:	N/E
Solubility:	Soluble
Partition coefficient:	N/E
Auto-Ignition Temperature:	N/E
Decompostion Temperature:	N/E
Specific Gravity:	1.0
% Volatile:	<1%

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Section 10. Stability and reactivity

Reactivity: Stable under normal conditions

Chemical stability: Stable under normal conditions

Possibility of hazardous reactions: None known

Conditions to avoid: None Known

Incompatible materials: Strong acids and oxidizers.

Hazardous Decomposition Products: Material does not decompose at ambient temperatures.

Section 11. Toxicological information

Routes of entry: ____ **Inhalation** ____ **Absorption** ____ **Ingestion**

Acute Exposure Hazards:

Eye contact: Irritation

Dermal: None expected

Oral: Nausea, diarrhea

Inhalation: Minimally toxic based on test data for structurally similar materials.

COMPONENT	Result	Species	Dose	Exposure
Chelating Agent	LD50 ORAL	rat	3030mg/kg	
	LC50	minnow	>100mg/L	96h
Surfactant	LD50 ORAL		0.564 g/kg	
Surfactant	LD50 ORAL	Rat	500-5000 mg/kg	

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Section 12. Ecological information

Ecotoxicity: No data available.

Persistance & degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects: No data available.

Component	Result	Species	Dose	Exposure

Section 13. Disposal considerations

Material that cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Processing, use or contamination of this product may change the waste management options. Waste generators must decide if discarded material is a hazardous waste. State and local disposal regulations may differ from federal disposal definitions. Dispose of container and unused contents in accordance with federal, state and local requirements.

Section 14. Transport information

DOT (US)

UN Number: N/A
Shipping Name:
Technical Name:
Hazard Class:
Packaging Group: N/A

Section 15. Regulatory information

SARA 313 Components	CAS No.	% Less Than

California Prop. 65 Components	CAS No.	% Less Than
[1] Surfactant	N/E	9.0000

CA Prop. 65 Sub-Components

Sub-component	% Less Than	CAS No.
[1] Benzyl Chloride	Trace	100-44-7

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Section 16. Other information

Hazardous Material Information System (U.S.A.)

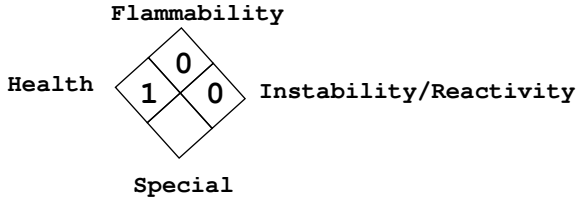
Health Hazard	1
Fire Hazard	0
Reactivity	0
Personal Protection	A

Caution: HMIS ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks and 4 representing significant hazards or risks.

PERSONAL PROTECTION INDEX

A	Safety Glasses
B	Safety Glasses, Gloves
C	Safety Glasses, Gloves, Apron
D	Face Shield, Gloves, Apron
E	Safety Glasses, Gloves, Dust Respirator
F	Safety Glasses, Gloves, Apron, Dust Respirator
G	Safety Glasses, Gloves, Vapor Respirator
H	Splash Goggles, Gloves, Apron, Dust & Vapor Respirator
I	Safety Glasses, Gloves, Dust & Vapor Respirator
J	Splash Goggles, Gloves, Apron, Dust & Vapor Respirator
K	Airline Hood or Mask, Gloves, Full Suit, Boots
X	Consult your supervisor for special handling directions

National Fire Protection Association (U.S.A.)



NFPA warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals.

Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act of 1970 and shall not be used for any other purpose. Use or dissemination of all or any part of this information can be grounds for legal action.

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