

# SDS

## Safety Data Sheet

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### DD-12 Bio

## 1 PRODUCT AND COMPANY IDENTIFICATION

### Manufacturer

Judson Vacuum Systems, Inc.  
Greenville, S.C.

Contact: Judson Laboratories  
Phone: (864) 233-6442  
Fax:  
Email: judsontruckmounts@yahoo.com  
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Product Name: DD-12 Bio  
Revision Date:  
Version:  
MSDS Number

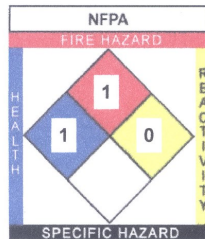
Emergency Information: MONDAY - FRIDAY: 9:00AM - 6:00PM (864) 233-6442 / OTHER TIMES (864) 787-3038

## 2 HAZARD IDENTIFICATION

Route of Entry: Eyes; Skin; Inhalation;  
Target Organs: Eyes; Skin;  
Inhalation: Minimal respiratory tract irritation may occur with exposure to a large amount of material.  
Skin Contact: May cause irritation.  
Eye Contact: May cause irritation.  
Ingestion: Ingestion is not applicable route of entry for intended use.

GHS Classifications:  
Health, Acute toxicity, 5 Oral  
Health, Skin corrosion/irritation, 3  
Health, Serious Eye Damage/Eye Irritation, 2 B

NFPA: HMIS III:



Health = 1, Fire = 1, Reactivity = 0 H1/F1/PH0

HMIS III		
HEALTH	<input checked="" type="checkbox"/>	1
FLAMMABILITY		1
PHYSICAL HAZARDS		0
PERSONAL PROTECTION B   Safety Glasses, Gloves		

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	
B		O	
C		P	
D		Q	
E		R	
F		S	
t		U	
W		Y	
Z			

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#### GHS Phrases:

Warning, H303 - May be harmful if swallowed  
Warning, H316 - Causes mild skin irritation  
Warning, H320 - Causes eye irritation

#### GHS Precautionary Statements:

Wash thoroughly after handling.  
Wear protective gloves/protective clothing/eye protection/face protection.  
IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do.  
Continue rinsing.  
Call a POISON CENTER or doctor/physician if you feel unwell.  
If eye irritation persists: Get medical advice/attention.

GHS PICTOGRAMS: No GHS Pictograms

### 3

### HAZARD IDENTIFICATION

#### Ingredients:

CAS #	Percentage	Chemical Name
68424-85-1	2.5%	Alkyl dimethyl benzyl ammonium chloride
32426-11-2	2.5%	Octyl decyl dimethyl ammonium chloride
5538-94-3	2.5%	Diocetyl dimethyl ammonium chloride
7173-51-5	2.5%	Didecyl dimethyl ammonium chloride

### 4

### FIRST AID MEASURES

**Inhalation:** If symptoms develop, move victim to fresh air; if symptoms persist, obtain 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:** N/A

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

Keep away from drains and ground water. Keep all unnecessary personnel away. Spill area may be slippery. Sweep up, place in bag and hold for waste disposal. Ventilate area and wash spill site after material pickup is complete. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

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### HANDLING AND STORAGE

**Handling Precautions:** 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:** Store out of reach of children; keep container closed; store in a cool well-ventilated place away from strong oxidizing or alkaline product.

## 8

### EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering Controls:** Normal room ventilation is satisfactory for limited use.

**Personal Protective Equip:** HMIS PP, B | Safety glasses, Gloves

No OSHA PEL established for listed chemicals

## 9

### PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Color varies	<b>Odor:</b>	Herbal
<b>Physical State:</b>	Powder	<b>Solubility:</b>	Soluble
<b>pH:</b>	9.9 @ 1% Solution		

## 10

### STABILITY AND REACTIVITY

**Stability:** Product is stable under normal conditions.

**Conditions to Avoid:** None Known

**Materials to Avoid:** None Known

**Hazardous Decomposition:** Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids, and other unidentified thermal decomposition products from this product or its packaging.

**Hazardous Polymerization:** Will not occur.

## 11

### TOXICOLOGICAL INFORMATION

#### Toxicity Data:

Alkyl dimethyl benzyl ammonium chloride	68424-85-1
Octyl decyl dimethyl ammonium chloride	32426-11-2
Dioctyl dimethyl ammonium chloride	5538-94-3
Didecyl dimethyl ammonium chloride	7173-51-5

Oral: LD50 84 mg/kg (Rat)

Inhalation: Not available

Skin irritation: Moderate

Eye irritation: Not available

Sensitization: Not available



## DD-12 Bio

### 12 EGOLOGICAL 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

Ship in accordance with 49 CFR parts 100-185. Non-hazardous for air, sea and road freight.

### 15 REGULATORY INFORMATION

COMPONENT / (CAS/PERCENT) / CODES

Alkyl dimethyl benzyl ammonium chloride	(68424-85-1/6.25%)	TSCA, WHMIS	-----
Octyl decyl dimethyl ammonium chloride	(32426-11-2/6.25%)	TSCA, WHMIS	
Dioctyl dimethyl ammonium chloride	(5538-94-3/6.25%)	TSCA, WHMIS	
Didecyl dimethyl ammonium chloride	(7173-51-5/6.25%)	TSCA, WHMIS	

-----  
All components are listed on TSCA

WHMIS = workplace Haz Mat Info Sys Canada

### 16 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.

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