

# Safety Data Sheet

## Section 1: PRODUCT AND COMPANY IDENTIFICATION



Jordan Power Cleaning Equipment Co.

281 Southwest Ave.  
Tallmadge, OH 44278  
PH: 1 (800) 686-1717 • FAX: (330) 630-3913

Product Name:

FOR TRANSPORTATION EMERGENCY: INFOTRAC 1-800-535-5053

1623

This number is to be used ONLY in the case of emergencies involving a spill, leak, fire exposure or accident involving chemicals.

Product Use:

FOR MEDICAL EMERGENCY: INFOTRAC 1-800-535-5053

For Industrial/Institutional use only

FOR SDS INFORMATION: 1-800-626-1717

Prepared By: Russell Wightman

## Section 2: HAZARD IDENTIFICATION

Signal Word:

None

### Precautionary Statements (PREVENTION)

P262 + P264 + P281 + P273 Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. Use personal protective equipment as required. Avoid release to the environment

### Precautionary Statements (RESPONSE)

P305 + P351 + P338 + P315 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. continue rinsing. Get immediate medical attention

P303 + P333 + P352 + P362 IF ON SKIN (or hair): If skin irritation or a rash occurs: Wash with soap and water. Take off contaminated clothing and wash before reuse

P301 + P321 + P330 + P314 IF SWALLOWED: INDUCE VOMITING unless otherwise advised by a physician. Rinse mouth. Get Medical attention if you feel unwell

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

### Precautionary Statements (STORAGE)

P404 + P402 Store in a closed container. Store in a dry place

### Precautionary Statements (DISPOSAL)

P501 Refer to label for complete disposal information. Dispose of contents and/or container in accordance with all Local, State and Federal regulations

## Emergency Overview

Avoid contact with skin, eyes and clothing.

May be irritating to eyes, skin and respiratory system

Ingestion may cause irritation to mucous membranes

### Section 3: COMPOSITION INFORMATION

Chemical Name	Common Name/ Synonyms	CAS Number	Maximum %
Benzyl Ammonium Chloride (C12-40%, C14-50%, C16-10%), n-Alkyl Dimethyl-	SAME	68424-85-1	3
Octyl decyl dimethyl ammonium chloride	SAME	32426-11-2	3
Didecyl Dimethyl Ammonium Chloride	SAME	7173-51-5	2
Dioctyl Dimethyl Ammonium Chloride	SAME	5538-94-3	2
Ethyl Alcohol	Ethanol	000064-17-5	2 0

If this product contains chemicals subject to the reporting requirements of Section 313 of EPCRA of 1986, they will be listed in Section 15

N/E = None Established N/A = Not Applicable

### Section 4: FIRST AID MEASURES

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Hold eyelids open during this flushing with water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.

**GET IMMEDIATE MEDICAL ATTENTION**

**Skin Contact:** Immediately wash thoroughly with soap and water, then flush with plenty of water. Remove contaminated clothing and do not reuse before washing. First treatment with calcium gluconate paste.

**GET MEDICAL ATTENTION if symptoms persist.**

**Ingestion:** DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious or convulsing person. Give large quantities of water. If vomiting occurs spontaneously, keep airway clear.

**GET IMMEDIATE MEDICAL ATTENTION**

**Inhalation:** Remove to fresh air. If not breathing, administer artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen.

**GET MEDICAL ATTENTION if symptoms persist.**

**Note to Physician:** No specific antidote is known. Therapy is directed at preventing absorption, administering to the symptoms as they occur and providing supportive therapy.

### Section 5: FIRE FIGHTING MEASURES

Flash Point (TAG Closed Cup): > 200°F

Upper Flammable Limit (% in Air): Not Determined

Lower Flammable Limit (% in Air): Not Determined

Extinguishing Media: Water spray, dry chemical, carbon dioxide. Use water spray to cool nearby containers and structures exposed to fire.

Special Fire-Fighting Procedures: Evacuate non-emergency personnel to a safe area. Contact emergency personnel as necessary. Avoid breathing smoke, fumes and decomposition products. As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

Unusual Fire & Explosion Hazards: None known

## Section 6: ACCIDENTAL RELEASE MEASURES

Material Spill or Release: STEPS TO BE TAKEN: Wear protective equipment including rubber boots, rubber gloves, rubber apron and a self contained breathing apparatus in the pressure demand mode or a supplied-air respirator. If the spill or leak is small, a full face piece air-purifying cartridge respirator equipped for organic vapors may be satisfactory. In any event, always wear eye protection.

For large spills, contain by diking with soil or other noncombustible sorbent material and then pump into DOT approved waste containers; or absorb with noncombustible sorbent material, place in DOT approved waste containers. KEEP OUT OF SEWERS, STORM DRAINS, SURFACE WATERS AND SOILS. Comply with all applicable governmental regulations on spill reporting, handling and disposal of waste.

## Section 7: HANDLING AND STORAGE

Precautions to be Taken Avoid skin and eye contact.

Avoid excessive inhalation of vapors and mists.

Wash thoroughly after handling. Clean contaminated clothing before reuse.

Store in cool, well ventilated place away from incompatible chemicals and materials.

An eye/face fountain and deluge shower should be available in the work area.

Empty containers may retain vapors or product residue.

Always obey hazard warnings and handle empty containers as if they were full.

Do not get in eyes, on skin or on clothing.

Do not swallow.

Do not breath vapors or mists.

Do not eat, drink or smoke in work area containing chemicals.

## Section 8: PERSONAL PROTECTION AND EXPOSURE CONTROLS

**Respiratory Protection:** Use NIOSH/NSHA approved dust/mist filter respirator for routine work purposes when exposure to dusts or mists exceed the permissible exposure level (PEL). The respirator use limitations made by NIOSH/NHSA 20 CFR 1910.134.

**Ventilation:** Use ventilation adequate to keep exposures to hazardous ingredients below their Threshold Limit Values (TLV) or Permissible Exposure Levels (PEL). See Section 2. Local exhaust should be sufficient to maintain dust and mist levels below the PEL.

**Eye Protection:** Chemical splash goggles if eye contact is likely.

**Protective Gloves:** Impervious gloves (rubber, nitrile or neoprene).

**Other Protective Equipment:** Appropriate protective clothing if working with concentrated products. Products at use dilution MAY present less risk but protective clothing should still be worn.

Chemical Name	NIOSH REL	OSHA (PEL)	ACGIH (TLV)	OSHA (STEL)
		TWA	TWA	TWA
Benzyl Ammonium Chloride (C12-40%, C14-50%, C16-10%), n-Alkyl Dimethyl-	N/E	N/E	N/E	N/E
Octyl decyl dimethyl ammonium chloride	N/E	N/E	N/E	N/E
Didecyl Dimethyl Ammonium Chloride	N/E	N/E	N/E	N/E
Dioctyl Dimethyl Ammonium Chloride	N/E	N/E	N/E	N/E
Ethyl Alcohol	N/E	1000 ppm	1000 ppm	N/E
	N/E	N/E	N/E	N/E

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear green liquid

**Boiling Range (760 mm Hg):** > 212°F

**Melting Range (760 mm Hg):** Not Determined

**Vapor Pressure (mm Hg):** < 1

**Vapor Density (Air = 1):** > 1

**Specific Gravity (Water = 1):** 0.990 - 1.010

**% Volatile (By Weight,  
Excluding Water):** 2

**Evaporation Rate (BuAc = 1):** < 1

**Solubility (In Water):** Complete

**pH (Concentrate):** 6.00 - 9.00

## Section 10: STABILITY AND REACTIVITY

Stability: Stable under normal use and storage conditions.

Conditions to Avoid: Excessive heat, open flames, sparks or any other ignition source.

Materials to Avoid: Contact with strong oxidizing or reducing agents.

Hazardous Decomposition Products: Burning can produce the following decomposition products: Oxides of carbon, silicon and nitrogen. Carbon monoxide is highly toxic if inhaled; carbon dioxide in sufficient concentrations can act as an asphyxiant. Acute overexposure to the products of combustion may result in irritation of the respiratory tract.

Hazardous Polymerization: Will Not Occur

## Section 11: TOXICOLOGICAL INFORMATION

Chemical Name	NTP	IARC	ACGIH	Subpart Z	OSHA
Benzyl Ammonium Chloride (C12-40%, C14-50%, C16-10%), n-Alkyl Dimethyl-	No	No	No	No	No
Octyl decyl dimethyl ammonium chloride	No	No	No	No	No
Didecyl Dimethyl Ammonium Chloride	No	No	No	No	No
Dioctyl Dimethyl Ammonium Chloride	No	No	No	No	No
Ethyl Alcohol	No	No	No	No	No
	No	No	No	No	No

## Section 12: ECOLOGICAL INFORMATION

No Data Available

## Section 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method(s): Dispose of contaminated material in accordance with all Federal, State, and Local regulations. Recycle if feasible or treat at an industrial or liquid waste facility.

## Section 14: TRANSPORT INFORMATION

Packing Group: None	RCRA Identification Number: None
UN Proper Shipping Name: Compound, cleaning, liquid n.o.s.	UN Identification Number: None
UN Hazard Classification: Not Regulated	UN Hazard Label: Not Regulated

## Section 15: REGULATORY INFORMATION

## FEDERAL INFORMATION

Chemical Name	CAS #	Max %	Clean Air Act	313 Toxic Chemicals	Clean Water Act	CERCLA Reportable Quantity (Pounds)	Reportable Product quantity (Pounds)
Benzyl Ammonium Chloride (C12-40%, C14-50%, C16-10%), n-Alkyl Dimethyl-	68424-85-1	3	No	No	No	None	n/a
Octyl decyl dimethyl ammonium chloride	32426-11-2	3	No	No	No	None	n/a
Didecyl Dimethyl Ammonium Chloride	7173-51-5	2	No	No	No	None	n/a
Diocetyl Dimethyl Ammonium Chloride	5538-94-3	2	No	No	No	None	n/a
Ethyl Alcohol	000064-17-5	2	Yes	No	No	None	n/a
		0	No	No	No	None	n/a

## STATE INFORMATION

Chemical Name	CAS #	Max %	State Lists	Proposition 65
Benzyl Ammonium Chloride (C12-40%, C14-50%, C16-10%), n-Alkyl Dimethyl-	68424-85-1	3	None	No
Octyl decyl dimethyl ammonium chloride	32426-11-2	3	None	No
Didecyl Dimethyl Ammonium Chloride	7173-51-5	2	None	No
Diocetyl Dimethyl Ammonium Chloride	5538-94-3	2	None	No
Ethyl Alcohol	000064-17-5	2	MA1T, NJ1S, PA1E	No
		0	NJ, PA, MA, MN	No

## INTERNATIONAL INFORMATION

Chemical Name	CAS #	Max %	Canadian DSL (Y/N)	EINECS Number	WHMIS
Benzyl Ammonium Chloride (C12-40%, C14-50%, C16-10%), n-Alkyl Dimethyl-	68424-85-1	3	N/A	N/A	N/A
Octyl decyl dimethyl ammonium chloride	32426-11-2	3	N/A	N/A	N/A
Didecyl Dimethyl Ammonium Chloride	7173-51-5	2	N/A	N/A	N/A
Diocetyl Dimethyl Ammonium Chloride	5538-94-3	2	N/A	N/A	N/A
Ethyl Alcohol	000064-17-5	2	Yes	200-578-6	None
		0	N/A	N/A	N/A

5. All ingredients in this product are listed on the USTSCA Inventory

## Section 16: OTHER INFORMATION

The Supplier urges each customer or recipient of this Safety Data Sheet to study it carefully to become aware of and understand the hazards associated with the product. The reader should consider consulting reference works or individuals who are experts