ACIDOSAN-D

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MSDS ID: 07593

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: ACIDOSAN-D

Product Discriptor: Sanitizer and Deodorizer

MANUFACTURER: JOHNSONDIVERSEY, INC.

EMERGENCY PHONE NUMBER: (800)851-7145

3630 E. KEMPER ROAD CINCINNATI, OH. 45241

II. HAZARDOUS COMPONENTS				
Component Name	CAS Number	%	Exposure Limits	Units
ALKYL DIMETHYLETHYL BENZYL AMMONIUM CHLORIDE	68956-79-6	5 - 15%	None est.	
N-ALKYLDIMETHYL BENZYLAMMONIUM CHLORIDE PHOSPHORIC ACID	68391-01-5	5 - 15%	None est.	
	7664-38-2	15 - 30%	TWA 1 STEL 3	MG/M3

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

CORROSIVE-Contains strong acids. Causes severe burns to skin and eyes. May be fatal if swallowed. Do not contact eyes, skin or clothing. Wear goggles, face shield, rubber gloves and protective clothing and boots when handling product. Avoid breathing dust or spray mist. Contain spill and runoff which may cause environmental damage. Contact with iron and other metals may release hydrogen gas.

POSSIBLE ROUTES OF ENTRY: Ingestion and Inhalation.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE: EYES: Severe burns or irritation with pain, redness, swelling, and blurred sight. SKIN: Burns, blisters or rash with pain and swelling. INGESTION: Burns or irritation to mouth, throat with pain, nausea and vomiting. INHALATION: Spray or mist causes pain, choking, and

breathing difficulty.

CHRONIC: Same as Acute Effects.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Dermatitis and sensitive

TARGET ORGAN(S) OF CHEMICAL HAZARD(S): Eyes, skin and respiratory tract.

IV. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for 15 minutes. Get

medical attention.

Flush thoroughly with plenty of water. Wash with soap and water. SKIN:

Remove contaminated clothes and shoes and clean before reuse. Get

medical attention for any painful, red or injured skin.

INGESTION: If swallowed, rinse mouth with water. Dilute by drinking several

glasses of water. DO NOT induce vomiting. If patient vomits,

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IV. FIRST AID MEASURES (Cont.)

rerinse mouth with water. Get prompt medical attention. NOTE:

Never give fluids by mouth to an unconcious person.

INHALATION: Remove to fresh air. If breathing difficulties continue, get

medical attention.

V. FIRE FIGHTING MEASURES

FLASH POINT (degrees F): NONE FLAME EXTENSION: N/A FLAMMABLE LIMITS IN AIR BY VOLUME: LEL: N/A UEL: N/A

UNUSUAL FIRE OR EXPLOSIVE HAZARDS: Liquid produces hydrogen on contact with soft, active metals.

EXTINGUISHING MEDIA: Water spray, CO2, foam or dry powder.

FIRE FIGHTING INSTRUCTIONS: Wear full protective gear and positive pressure breathing apparatus (SCBA) in fire area.

SPECIAL INSTRUCTIONS: Contain runoff. Prevent from entering sewer or storm drain.

VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED:

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA regional office for guidance. The Reportable Quantity (RQ) of Phosphoric Acid, CAS #7664-38-2 is 1,708 gallons or 16,667 lbs.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: Store in a cool, dry area. Keep from freezing. If frozen, warm to thaw and mix for use. Keep container closed when not in use. Wear protective gear when handling or using. Do not pressurize container to empty.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: Face shield if contact or splash hazard exists. Eye wash in use area.

PROTECTIVE GLOVES: Acid resistant.

RESPIRATORY PROTECTION: Respirator protection required if PEL is exceeded. See Section II for information.

OTHER PROTECTIVE CLOTHING/EQUIPMENT: Rubber boots, chemical apron and safety shower in use area if contact or splash hazard exists.

ENGINEERING CONTROLS:

MECHANICAL VENTILATION: Normal room ventilation should be sufficient to control airborne levels.

LOCAL VENTILATION: Not usually required.

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FREEZING POINT: Not determined

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IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Clear, colorless to light straw liquid with mild odor.

SPECIFIC GRAVITY/BULK DENSITY: 1.17

<1 pH 1% SOLUTION: 1.78

VOLATILE BY VOLUME: 54

SOLUBILITY IN WATER: Soluble

BOILING POINT (DEG F): 216

VAPOR PRESSURE(mmHq): 16.8 at 20 C VAPOR DENSITY: ND

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Product stable.

INCOMPATIBILITY WITH OTHER MATERIALS: Alkalis, carbonates and chlorinated compounds.

HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion forms oxides of carbon and nitrogen.

HAZARDOUS POLYMERIZATION: None known.

XI. TOXICOLOGICAL INFORMATION

Contains Corrosive and Irritating acidic chemicals. See Section II for amounts and identity. Acute toxicology tests are listed below.

TOXICITY TEST DATA:

Phosphoric acid: Acute Oral LD50 (rat) - 1530 mg/kg (RTECS) Acute Skin LD50 (rabbit) - 2740 mg/kg (RTECS)

XII. ECOLOGICAL INFORMATION

ECOTOXICITY DATA: This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluents containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

ECOTOXICITY TEST DATA: No data available. ENVIRONMENTAL FATE: No data available.

XIII. DISPOSAL CONSIDERATIONS

RCRA REGULATED: Concentrated product would be considered D002 - Corrosive if declared hazardous waste.

PESTICIDE WASTES ARE TOXIC. Improper disposal of excess pesticide or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste Representative at the nearest EPA Regional Office for Guidance. DO NOT contaminate water, food or feed by storage or disposal or cleaning of equipment. Dispose of unused, uncontaminated product in compliance with local, state and federal regulations

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XIV. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up to date shipping information.

XV. REGULATORY INFORMATION

U.S. Federal Regulations:

TSCA: All ingredients in this product are on TSCA inventory.

HAPS: Contains no hazardous air pollutants.

VOC CONTENT (EPA Method 24A): % VOC: 1.6 Lb/Gal VOC: 0.16

CERCLA/EPCRA:

Section 313 Toxic Chemicals: Phosphoric Acid - CAS #7664-38-2 at <40%.

SARA Section 311/312:

ACUTE: YES CHRONIC: NO FIRE:NO REACTIVITY: NO

SUDDEN RELEASE OF PRESSURE: NO

LISTED CARCINOGEN: NONE

NTP: NO IARC: NO OSHA: NO

FIRE: 0 REACTIVITY: 0 HMIS RATINGS: HEALTH: 3

PERSONAL PROTECTIVE EQUIPMENT: D

NFPA RATING: HEALTH: 3 FIRE: 0 REACTIVITY:0 SPECIAL:Corrosive

STATE RIGHT-TO-KNOW INFORMATION:

N-ALKYL DIMETHYL BENZYLAMMONIUM CHLORIDE - CAS #68391-01-5

WATER - CAS #7732-18-5

PHOSPHORIC ACID - CAS #7664-38-2

POLYOXYPROPYLENE-POLYOXYETHYLENE BLOCK COPOLYMER - CAS #9003-11-6

ALKYL METHYETHYLBENZYL AMMONIUM CHLORIDE - CAS #68956-79-6

EPA REGISTRATION NO. 1839-51-875

CALIFORNIA PROPOSITION 65:

None of the ingredients are on the California proposition 65 list.

XVI. OTHER INFORMATION

DISCLAIMER: The information contained in this material safety data sheet is based on the knowledge of this specific product and current national legislation. It applies to the product as sold, use dilutions may be less hazardous. It may not be valid for this material if used in combination with any other materials or in a process. It is the user's responsibility to evaluate the handling, and use.