

11-10-05

OCTAGON PROCESS -- VINEGAR ACID
MATERIAL SAFETY DATA SHEET
FSC: 6750
Manufacturer's CAGE: 82925
Part No. Indicator: A
Part Number/Trade Name: VINEGAR ACID

Steve Barnes

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General Information
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Item Name: ACETIC ACID, GLACIAL, PHOTOGRAPHIC
Company's Name: OCTAGON PROCESS INC
Company's Street: 596 RIVER ROAD
Company's City: EDGEWATER
Company's State: NJ
Company's Country: US
Company's Zip Code: 07020-1105
Company's Emerg Ph #: 201-945-9400
Company's Info Ph #: 201-945-9400
Record No. For Safety Entry: 006
Tot Safety Entries This Stk#: 006
Date MSDS Prepared: 01JAN85
Safety Data Review Date: 10JAN80
MSDS Serial Number: BDBPX
Specification Number: O-C-275
Hazard Characteristic Code: C1
Unit Of Issue: BT
Unit Of Issue Container Qty: 5 PT

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Ingredients/Identity Information
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Proprietary: NO
Ingredient: ACETIC ACID (SARA III)
Ingredient Sequence Number: 01
Percent: 99.5
NIOSH (RTECS) Number: AF1225000
CAS Number: 64-19-7
OSHA PEL: 10 PPM
ACGIH TLV: 10 PPM/15 STEL; 9192

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Physical/Chemical Characteristics
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Appearance And Odor: CLEAR, COLORLESS LIQUID, PUNGENT ODOR
Boiling Point: 244F
Vapor Pressure (MM Hg/70 F): 11
Vapor Density (Air=1): 2.1
Specific Gravity: 1.05
Solubility In Water: COMPLETE
Magnetism (Milligauss): N/P

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Fire and Explosion Hazard Data
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Flash Point: 109F (CC)
Flash Point Method: N/P
Lower Explosive Limit: 5
Upper Explosive Limit: 16
Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, ALCOHOL FOAM
Special Fire Fighting Proc: EMITS TOXIC FUMES WHEN HEATED TO DECOMPOSITION
Unusual Fire And Expl Hazrds: VAPORS FORM EXPLOSIVE MIXTURES WITH AIR

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Reactivity Data
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Stability: YES
Materials To Avoid: CHROMIC & NITRIC ACIDS, SODIUMPEROXIDE, OXIDIZERS

Hazardous Decomp Products: EMITS TOXIC FUMES WHEN HEATED TO DECOMPOSITION
Hazardous Poly Occur: NO

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Health Hazard Data
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Route Of Entry - Inhalation: N/P
Route Of Entry - Skin: N/P
Route Of Entry - Ingestion: N/P
Carcinogenicity - NTP: N/P
Carcinogenicity - IARC: N/P
Carcinogenicity - OSHA: N/P
Signs/Symptoms Of Overexp: BURNS TO SKIN & EYES. IRRITANT TO RESPIRATORY TRACT. HARMFUL IF SWALLOWED
Emergency/First Aid Proc: IRRIGATE EYES WITH WATER. WASH CONTAMINATED AREAS OF BODY WITH SOAP & WATER. GASTRIC LAVAGE WITH LIMEWATER, IF SWALLOWED, FOLLOWED BY ADMINISTRATION OF DEMULCENTS

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Precautions for Safe Handling and Use
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Steps If Matl Released/Spill: ELIMINATE ALL SOURCES OF IGNITION. COVER WITH SODA ASH OR SODIUM BICARBONATE. MIX & ADD WATER. NEUTRALIZE & DRAIN INTO THE SEWER WITH SUFFICIENT WATER
Waste Disposal Method: CHARGE DIRECTLY OR AFTER DISSOLVING IN A FLAMMABLE SOLVENT INTO THE FURNACE WITH AFTERBURNER
Precautions-Handling/Storing: KEEP ABOVE FREEZING (60F). PROTECT CONTAINERS AGAINST PHYSICAL DAMAGE. STORE AWAY FROM OXIDIZERS & FLAMMABLES

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Control Measures
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Respiratory Protection: SELF-CONTAINED BREATHING APPARATUS
Ventilation: ADEQUATE TO MAINTAIN VAPOR CONCENTRATION BELOW TLV
Protective Gloves: RUBBER
Eye Protection: CHEMICAL GOGGLES
Other Protective Equipment: RUBBER PROTECTIVE CLOTHING

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Transportation Data
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Trans Data Review Date: 86212
DOT PSN Code: AAT
DOT Proper Shipping Name: ACETIC ACID, GLACIAL OR ACETIC ACID SOLUTION,
DOT Class: 8
DOT ID Number: UN2789
DOT Pack Group: II
DOT Label: CORROSIVE
IMO PSN Code: ACF
IMO Proper Shipping Name: ACETIC ACID, GLACIAL
IMO Regulations Page Number: 8100
IMO UN Number: 2789
IMO UN Class: 8
IMO Subsidiary Risk Label: FLAMMABLE LIQUID
IATA PSN Code: ABN
IATA UN ID Number: 2789
IATA Proper Shipping Name: ACETIC ACID SOLUTION
IATA UN Class: 8
IATA Subsidiary Risk Class: -
IATA Label: CORROSIVE
AFI PSN Code: ABL
AFI Prop. Shipping Name: ACETIC ACID GLACIAL, OR ACETIC ACID SOLUTION
AFI Class: 8
AFI ID Number: UN2789
AFI Pack Group: II
AFI Label: CORROSIVE
AFI Special Prov: A3,A6,A7,A10

AFI Basic Pac Ref: 12-5

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Disposal Data
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Disposal Data Review Date: 87018
Rec # For This Disp Entry: 04
Tot Disp Entries Per NSN: 004
Landfill Ban Item: YES
Disposal Supplemental Data: IN CASE OF ACCIDENTAL EXPOSURE OR DISCHARGE,
CONSULT HEALTH AND SAFETY FILE FOR PRECAUTIONS.
1st EPA Haz Wst Code New: D002
1st EPA Haz Wst Name New: CORROSIVE
1st EPA Haz Wst Char New: CORROSIVITY
1st EPA Acute Hazard New: NO
2nd EPA Haz Wst Code New: D001
2nd EPA Haz Wst Name New: IGNITIBLE
2nd EPA Haz Wst Char New: IGNITABILITY
2nd EPA Acute Hazard New: NO

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Label Data
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Label Required: YES
Label Status: F
Chronic Hazard: N/P
Special Hazard Precautions: IF INHALED, MAY BE HARMFUL; CONTACT MAY CAUSE
BURNS TO SKIN AND EYES. FIRE MAY PRODUCE IRRITATING OR POISONOUS GASES.
RUNOFF FROM FIRE CONTROL OR DILUTION WATER MAY CAUSE POLLUTION.
Label Name: OCTAGON PROCESS INC.
Label Street: 596 RIVER ROAD
Label City: EDGEWATER
Label State: NJ
Label Zip Code: 07020-1105
Label Country: US
Label Emergency Number: 201-945-9400