

127697
DOD Hazardous Materials Information System

DoD 6050.5-L

AS OF July 1998

FSC: 6810
NIIN: 002758126
Manufacturer's CAGE: 83628
Part No. Indicator: A
Part Number/Trade Name: STARCH,SOLUBLE,ACS REAGENT

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General Information

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Item Name: STARCH,SOLUBLE,ACS
Company's Name: CITY CHEMICAL CORPORATION
Company's Street: 100 HOBOKEN AVE
Company's P. O. Box:
Company's City: JERSEY CITY (FORMALLY IN NEW YORK, NY)
Company's State: NJ
Company's Country: US
Company's Zip Code: 07310
Company's Emerg Ph #: 201-653-6900/800-424-9300(CHEMTREC)
Company's Info Ph #: 201-653-6900/FAX -4468
Distributor/Vendor # 1:
Distributor/Vendor # 1 Cage:
Distributor/Vendor # 2:
Distributor/Vendor # 2 Cage:
Distributor/Vendor # 3:
Distributor/Vendor # 3 Cage:
Distributor/Vendor # 4:
Distributor/Vendor # 4 Cage:
Safety Data Action Code:
Safety Focal Point: D
Record No. For Safety Entry: 006
Tot Safety Entries This Stk#: 006
Status: SE
Date MSDS Prepared: 01APR94
Safety Data Review Date: 18DEC97
Supply Item Manager: CX
MSDS Preparer's Name:
Preparer's Company:
Preparer's St Or P. O. Box:
Preparer's City:
Preparer's State:
Preparer's Zip Code:

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Other MSDS Number:
MSDS Serial Number: CFVWC
Specification Number: O-C-265
Spec Type, Grade, Class:
Hazard Characteristic Code: N1
Unit Of Issue: BT
Unit Of Issue Container Qty: 500 GRAMS
Type Of Container: BOTTLE
Net Unit Weight: 500 GRAMS

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NRC/State License Number: N/R
Net Explosive Weight:
Net Propellant Weight-Ammo: N/R
Coast Guard Ammunition Code:

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Ingredients/Identity Information

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Proprietary: NO
Ingredient: STARCH, SOLUBLE
Ingredient Sequence Number: 01
Percent: 100
Ingredient Action Code:
Ingredient Focal Point: D
NIOSH (RTECS) Number: GM5090000
CAS Number: 9005-84-9
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE RECOMMENDED

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Physical/Chemical Characteristics

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Appearance And Odor: WHITE POWDER
Boiling Point: NP
Melting Point: 493F,256C
Vapor Pressure (MM Hg/70 F): NP
Vapor Density (Air=1): NP
Specific Gravity: NP
Decomposition Temperature: NP
Evaporation Rate And Ref: NP
Solubility In Water: SOLUBLE
Percent Volatiles By Volume: NP
Viscosity: NP

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pH: NP
Radioactivity:
Form (Radioactive Matl):
Magnetism (Milligauss): N/P
Corrosion Rate (IPY): NP
Autoignition Temperature: NP

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Fire and Explosion Hazard Data

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Flash Point: NOT PROVIDED
Flash Point Method: NP
Lower Explosive Limit: NP
Upper Explosive Limit: NP
Extinguishing Media: WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL POWDER
OR
APPROPRIATE FOAM.
Special Fire Fighting Proc: WEAR SELF-CONTAINED BREATHING APPARATUS AN
D
PROTECTIVE CLOTHING TO PREVENT CONTACT W/SKIN/EYES.
Unusual Fire And Expl Hazrds: EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

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Reactivity Data

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Stability: N/P
Cond To Avoid (Stability): NONE SPECIFIED BY MANUFACTURER.
Materials To Avoid: STRONG OXIDIZING AGENTS
Hazardous Decomp Products: TOXIC FUMES OF CARBON MONOXIDE AND CARBON
DIOXIDE.
Hazardous Poly Occur: N/P
Conditions To Avoid (Poly): NONE SPECIFIED BY MANUFACTURER.

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Health Hazard Data

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LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: MAY BE HARMFUL BY INHALATION, INGESTION O
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SKIN ABSORPTION.MAY CAUSE IRRITATION.

Carcinogenicity - NTP: NO

Carcinogenicity - IARC: NO

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity:

Signs/Symptoms Of Overexp: HARMFUL BY INHAL/INGEST/SKIN ABSORPTION.
IRRITATION.

Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.

Emergency/First Aid Proc: IN CASE OF CONTACT IMMED FLUSH EYES W/ COPIO
US

AMTS OF WATER FOR @LEAST 15MINS.IN CASE OF CONTACT IMMED WASH SKIN
W/SOAP/COPIOUS AMTS OF WATER.IF INHAL REMOVE TO FRESH AIR.IF NOT BREAT
HING

GIVE ARTI RESP.IF BREATHING IS DIFFI GIVE OXYGEN.IF SWALLOWED WASH OUT
MOUTH W/WATER PROVIDED PERSON IS CONSCIOUS.CALL PHYSICIAN.

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Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: CHEM SAF GOGGLES.USE PROTECTIVE CLOTHING
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GLOVES AND MASK.SWEEP UP,PLACE IN BAG AND HOLD FOR WASTE DISPOSAL.AVOI
D

RAISING DUST.VENTILATE AREA AND WASH SPILL AFT MATL PICKUP IS COMPLETE
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: DISSOLVE/MIX MATL W/COMBUSTIBLE SOLVT & BURN IN
CHEM INCINERATOR EQUIPPED W/AFTERBURNER & SCRUBBER.OBSERVE ALL LOCAL,
STATE

AND FEDERAL ENVIRO REGULATIONS.

Precautions-Handling/Storing: KEEP TIGHTLY CLOSED.STORE IN COOL DRY PL
ACE

Other Precautions: NONE SPECIFIED BY MANUFACTURER.

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Control Measures

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Respiratory Protection: NIOSH/MSHA APPROVED RESPIRATOR IN NON-VENTILAT
ED

AREAS &/OR FOR EXPO ABOVE THE ACGIH TLV.

Ventilation: MECHANICAL EXHAUST REQUIRED.

Protective Gloves: COMPATIBLE CHEM-RESIST GLOVES

Eye Protection: CHEM SAF GOGGLES

Other Protective Equipment: SAF SHOWER & EYE BATH.

Work Hygienic Practices: WASH CONTAM CLOTHING BEFORE REUSE.DONT BREATH
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DUST.DONT GET ON EYE/SKIN/CLOTHING.WASH THOROUGHLY AFT HNDLG.

Suppl. Safety & Health Data:

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Transportation Data

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Transportation Action Code:
Transportation Focal Point: D
Trans Data Review Date: 97352
DOT PSN Code: ZZZ
DOT Symbol: N/R
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
DOT Class: N/R
DOT ID Number: N/R
DOT Pack Group: N/R
DOT Label: N/R
DOT/DoD Exemption Number:
IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATIO
N
IMO Regulations Page Number: N/R
IMO UN Number: N/R
IMO UN Class: N/R
IMO Subsidiary Risk Label: N/R
IATA PSN Code: ZZZ
IATA UN ID Number: N/R
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATIO
N
IATA UN Class: N/R
IATA Subsidiary Risk Class: N/R
IATA Label: N/R
AFI PSN Code: ZZZ
AFI Symbols:
AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
AFI Class: N/R
AFI ID Number: N/R
AFI Pack Group: N/R
AFI Label: N/R
AFI Special Prov:
AFI Basic Pac Ref:
MMAC Code:
N.O.S. Shipping Name:
Additional Trans Data:

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Disposal Data

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Disposal Data Action Code:
Disposal Data Focal Point:
Disposal Data Review Date:
Rec # For This Disp Entry:
Tot Disp Entries Per NSN:
Landfill Ban Item:
Disposal Supplemental Data:
1st EPA Haz Wst Code New:
1st EPA Haz Wst Name New:
1st EPA Haz Wst Char New:

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1st EPA Acute Hazard New:
2nd EPA Haz Wst Code New:
2nd EPA Haz Wst Name New:
2nd EPA Haz Wst Char New:
2nd EPA Acute Hazard New:
3rd EPA Haz Wst Code New:
3rd EPA Haz Wst Name New:
3rd EPA Haz Wst Char New:
3rd EPA Acute Hazard New:

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Label Data

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Label Required: YES
Technical Review Date: 18DEC97
Label Date:
MFR Label Number:
Label Status: F
Common Name: STARCH,SOLUBLE,ACS REAGENT
Chronic Hazard: NO
Signal Word:
Acute Health Hazard-None:
Acute Health Hazard-Slight:
Acute Health Hazard-Moderate: X
Acute Health Hazard-Severe:
Contact Hazard-None:
Contact Hazard-Slight: X
Contact Hazard-Moderate:
Contact Hazard-Severe:
Fire Hazard-None: X
Fire Hazard-Slight:

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Fire Hazard-Moderate:

Fire Hazard-Severe:

Reactivity Hazard-None: X

Reactivity Hazard-Slight:

Reactivity Hazard-Moderate:

Reactivity Hazard-Severe:

Special Hazard Precautions: MAY BE HARMFUL BY INHALATION, INGESTION OR SKIN

ABSORPTION. MAY CAUSE IRRITATION. KEEP TIGHTLY CLOSED. STORE IN COOL DRY PLACE FIRST AID: IN CASE OF CONTACT IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. IN CASE OF CONTACT IMMEDIATELY WASH SKIN WITH SOAP/COPIOUS

AMOUNTS OF WATER. IF INHALED REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION.

IF BREATHING IS DIFFICULT GIVE OXYGEN. IF SWALLOWED WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL PHYSICIAN. TARGET ORGANS: SKIN.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

Label Name: CITY CHEMICAL CORPORATION

Label Street: 100 HOBOKEN AVE

Label P.O. Box:

Label City: JERSEY CITY (FORMERLY IN NEW YORK, NY)

Label State: NJ

Label Zip Code: 07310

Label Country: US

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Label Emergency Number: 201-653-6900/800-424-9300 (CHEMTREC)

Year Procured: 1997