

GOUGEION BROTHERS, INC -- WEST SYSTEM 206 SLOW HARDENER -- 8040-01-380-5859

===== Product Identification =====

Product ID:WEST SYSTEM 206 SLOW HARDENER

MSDS Date:01/02/1996

FSC:8040

NIIN:01-380-5859

Status Code:A

MSDS Number: CJDQF

=== Responsible Party ===

Company Name:GOUGEION BROTHERS, INC

Address:100 PATTERSON AVE

City:BAY CITY

State:MI

ZIP:48706

Country:US

Info Phone Num:517-684-7286(CHEMTRE

C)/313-745-5711

Emergency Phone Num:800-424-9300(CHEMTREC)/313-745-5711

Preparer's Name:T.J ATKINSON/G.M. HOUSE

CAGE:7S147

=== Contractor Identification ===

Company Name:GENERAL SERVICES ADMIN, ENG & COMMODITIES MGMT DIV

Address:ATTN: 9FTE-10, 400 15TH ST, S.W.

Box:1901

City:AUBURN

State:WA

ZIP:98001

Country:US

Phone:206-931-7881

CAGE:SO007

Company Name:GOUGEON BROTHERS, INC

Address:100 PATTERSON AVE

Box:City:BAY CITY

State:MI

ZIP:48706

Country:US

Phone:517-684-7286

CAGE:7S147

===== Co

Composition/Information on Ingredients =====

Ingred Name:DIETHYLENETRIAMINE LIQUID RESIN ADDUCT
CAS:38294-69-8
Code:F
Minumum % Wt:30.
Maxumum % Wt:50.

Ingred Name:POLYOXYPROPYLENEDIAMINE
CAS:9046-10-0

Ingred Name:TETRAETHYLENEPENTAMINE (TEPA)
CAS:112-57-2
RTECS #:KH8585000

Ingred Name:REACTION PRODUCTS TETA AND PROPYLENE OXIDE
CAS:26950-63-0
Code:F

Ingred Name:TRIETHYLENETETRAMINE
CAS:112-24-3
RTECS #:YE6650000

===== Hazards Identification =====

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Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE INHAL:VAPO/MIST IRRITATES UPPER
RESPIRATORY TRACT CAUSING NASAL DISCHARGE/COUGHING/DISCOMFORT IN
EYE/NOSE/THROAT AND CHEST. SEVERE: MAY CAUSE DIFFIECULT
BREATHING/LUNG DAMAGE. CHRONIC INHAL: MAY CAUSE LUNG DAMAGE,
RESPIRATORY SENSITIZATION. ACUTE SKIN: CORROSIVE. MAY CAUSE SEVERE
SKIN DAMAGE W/ BURNS/BISTERING. MAY CAUSE ALLERGIC REACTION.
CHRONIC SKIN: POSSIBLE SKIN SENSITIZATION.
MAY CAUSE PERSISTANT
IRRITATION/DERMATITIS. EYE: MAY CAUSE BLURRED VISION, IRRITATION,
CORNEAL INJURY, RESULT: PERMANANT VISUAL IMPAIRMENT/BLINDNESS.
INGEST: MODERATELY TOXIC. MAY CAUSE GASTEROINTESTINAL IRRIT
ATION/ULCERATION, BURNS OF MOUTH/THROAAT
Effects of Overexposure:SKIN IRRITATION, BURNS AND BLSITERING.
IRRITATION OF NOSE AND THROAT. HEADACHE, NAUSEA, VOMITING. EYE
IRRITATION AND BLURRED VISION.
Medical Cond Aggravated by Exposure:EXISTING RESPIRATORY CONDITION

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SUCH AS ASTHMA AND BRONCHITIS. EXISTING SKIN CONDITIONS.

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First Aid Measures
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First Aid: EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. REMOVE CONTACT LENSES. GET MEDICAL ATTENTION. SKIN: FLUSH WITH COPIOUS AMOUNTS OF WATER AND SOAP. REMOVE CONTAMINATED CLOTHING. DO NOT APPLY GREASE OR OINTMENTS. INHALATION: REMOVE TO FRESH AIR. CALL DR. INGESTION: IF CONSCIOUS, DRINK PLENTY OF WATER. DO NOT INDUCE VOMITING
. IF VOMITING OCCURS, KEEP AIRWAY CLEAR. CALL DR.

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Fire Fighting Measures
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Flash Point Method: OC

Flash Point: >200 F

Extinguishing Media: WATER SPRAY, DRY CHEMICAL, ALCOHOL FOAM, CARBON DIOXIDE

Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS & COMPLETE FULL-BODY PERSONAL PROTECTIVE EQUIPMENT. IF SPILL HAS IGNITED, USE WATER SPRAY TO DISPERSE VAPORS AND PROTECT PERSONEL ATTEMPTING TO STOP LEAK. USE WATER TO COOL FIRE EXPOSED CONTS.

Unusual Fire/Explosion Hazard: WHEN MIXED WITH SAWDUST, WOODCHIPS, OR OTHER CELLULOSIC MATERIAL, SPONTANEOUS COMBUSTION CAN OCCUR UNDER CERTAIN CONDITIONS. HARDENER, MIXED W/ SAWDUST, HEAT IS GENERATED AS AIR OXIDIZES AMINE. IF HEAT IS NOT DISSIPATED, IT CAN IGNITE THE SAWDUST.

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Accidental Release Measures
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Spill Release Procedures: STOP LEAK WITHOUT ADDITIONAL RISK. WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT. DIKE AND CONTAIN SPILL. VENTILATE

AREA. LARGE SPILL: DIKE AND PUMP INTO PROPER CONTAINER FOR RECOVERY. SMALL SPILL: DILUTE W/WATER AND RECOVER OR USE INERT, NONCOMBUSTABLE ABSORBANT (EG SAND) AND SHOVEL INTO SUITABLE CONT. DO NOT USE SAWDUST, WOODCHIPS, OR OTHER CELLULOSIC MATERIAL TO ABSORB SPILL.

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Handling and Storage
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Handling and Storage Precautions: STORE AT 40 - 90 F. SHELF LIFE IS TWO YEARS OR MORE IN ORIGINAL SEALED CONTAINER. STORE

IN COOL, DRY

PLACE W/ GOOD VENTILATION. USE ONLY IN WELL VENTILATED AREA. AVOID CONTACT W/ SKIN AND EYES.

Other Precautions:WASH SPILL RESIDUE WITH WARM SOAPY WATER.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:GENERAL, MECHANICAL, OR LOCAL EXHAUST. FOR INADEQUATE VENTILATION, USE NIOSH/MSHA APPROVED AIR PURIFYING RESPIRATOR W/ORGANIC VAPOR CARTRIDGE (APPROVAL #TC-23C).

Protective Gloves:RUBBER OR LATEX

Eye Protection:CHEMICAL SPLAS

H GOGGLES W/ FULL FACE SHIELD

Other Protective Equipment:IMMEDIATE ACCESS TO SAFETY SHOWER AND EYE WASH. CONTACT LENSES SHOULD NOT BE WORN WHEN USING THIS MATERIAL.

Work Hygienic Practices:PROVIDE PROPER WASH/CLEAN UP FACILITIES FOR PROPER HYGENE. CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING WITH THIS MATERIAL.

Supplemental Safety and Health

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===== Physical/Chemical Properties =====

Boiling Pt:>248.9C, 480.F

Vapor Pres:AIR

Spec Gravity:1.01

VOC Pounds/G

allon:50

pH:11.4

VOC Grams/Liter:.41

Viscosity:200CPS

Solubility in Water:APPRECIABLE

Appearance and Odor:LIGHT YELLOW LIQUID WITH AMMONIA LIKE ODOR.

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

MAY REACT VIOLENTLY WHEN IN CONTACT WITH OXIDIZING MATERIALS, ACIDS, OR HALLOGENATED COMPOUNDS SUCH AS METHYLENE CHLORIDE. REACTIONS MAY BE SLOW INITIALLY, THEN RAPIDLY GENERATE HEAT AND VAPOR PRESSURE.

Hazardous Decomposition Pr

Products: BURNING OR EXCESSIVE HEAT MAY PRODUCE TOXIC LEVELS OF AMMONIA, OXIDES OF NITROGEN, AND IRRITATING ALDEHYDES.

===== Toxicological Information =====

Toxicological Information: ORAL: SLIGHTLY TOXIC. INHAL: NO REMARKABLE EFFECTS. DERMAL: SLIGHTLY TOXIC. CORROSIVE.

===== Disposal Considerations =====

Waste Disposal Methods: NOT A HAZARDOUS WASTE IN PURCHASED FORM. RESPONSIBILITY OF USER TO DETERMINE PROPER DISPOSAL METHOD. INCERATION/LANDFILL MAY BE PREFERRED IN ACCORDANCE FED, STATE, LOCAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information: D.O.T. SHIPPING NAME: POLYAMINES, LIQUID, CORROSIVE, N.O.S., TECHNICAL SHIPPING NAME: DIETHYLENETRIAMINE, LIQUID RESIN ADDUCT. D.O.T. HAZARD CLASS: CLASS 8. UN2735, PACKING GROUP III.

===== Regulatory Information =====

SARA Title III Information: NONE

Federal

Regulatory Information: OSHA STATUS: CORROSIVE, STRONG IRRITANT. SENSITIZER. ALL COMPONENTS ARE LISTED ON TSCA INVENTORY.

State Regulatory Information: NONE

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