

GOUGEION BROTHERS, INC -- WEST SYSTEM 206 SLOW HARDENER -- 8040-01-416-3070  
===== Product Identification =====

Product ID:WEST SYSTEM 206 SLOW HARDENER

MSDS Date:01/03/1994

FSC:8040

NIIN:01-416-3070

Status Code:A

MSDS Number: CJDQD

=== 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

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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  
CAS:112-57-2  
RTECS #:KH8585000

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

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

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

LD50  
LC50 Mixture:NOT ESTABLISHED FOR PRODUCT AS WHOLE.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: INHALATION: EXCESSIVE EXPOSURE  
TO VAPOR OR MISTS IRRITATES UPPER RESPIRATORY TRACT: NASAL  
DISCHARGE, COUGHING, DISCOMFORT IN EYES, NOSE, THROAT, CHEST. MAY  
CAUSE DIFFICULTY BREATHING AND LUNG DAMAGE. CHRONIC INHAL: MAY  
CAUSE LUNG DAMAGE/RESPIRATORY SENSITIZATION. ACUTE SKIN: CORRO  
SIVE.  
MAY CAUSE SEVERE SKIN DAMAGE W/BURNS/BLISTERING, & ALLERGIC  
REACTION. CHRONIC SKIN: PERSISTANT IRRITATION AND DERMATITIS.  
ABSORBTION OF MATERIAL IN HARMFUL AMOUNTS. EYE: BLURRED VISION,  
IRRITATION, CORNEAL INJURY W/PERMANENT IMPAIRMENT. INGESTION:  
MODERATELY TOXIC. GASTROINTESTINAL IRRITATION/ULCERATION. MAY  
CAUSE BURNS OF MOUTH/THROAT.  
Effects of Overexposure:SKIN: BURNS/BLISTERING. IRRITATION OF NOSE AND  
THROAT. HEADACHE, NAUSEA, VOMITING. EYE IRRITATION/BLU

REDUCED VISION.

DANGER: STRONG SKIN SENSITIZER. CORROSIVE. MAY CAUSE SEVERE BURNS TO EYES AND SKIN. HARMFUL IF SWALLOWED. RESPIRATORY TRACT IRRITATION.

Medical Condition Aggravated by Exposure: EXISTING RESPIRATORY CONDITIONS, SUCH AS ASTHMA AND BRONCHITIS. EXISTING SKIN CONDITIONS.

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===== First Aid Measures =====

First Aid: SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH COPIOUS AMOUNTS OF WATER WITH SOAP. DO NOT APPLY GREASES OR OINTMENTS. SEE DR.

EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. 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 =====

Flash Point Method: OC  
Flash Point: >93.3C, 200.F  
>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 PERSONNEL 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 =====

Spill Release Procedures: STOP LEAK WITHOUT ADDITIONAL RISK. DIKE & CONTAIN SPILL. VENTILATE AREA. LARGE SPILL: DIKE & PUMP INTO PROPER CONT. SMALL SPILL: DILUTE W/WATER & RECOVER/OR USE INERT, NONCOMBUSTIBLE ABSORBENT MATERIAL (EG. SAND) & SHOVEL INTO SUITABLE CONT. DO NOT USE SAWDUST, WOOD CHIPS OR OTHER CELLULOSIC MATERIALS, SINCE RISK OF SPONTANEOUS COMBUSTION EXISTS

. WASH SPILL  
RESIDUE W/ WARM SOAPY WATER.

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Handling and Storage  
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Handling and Storage Precautions:STORE AT 40 F - 90 F. SHELF LIFE IS TWO YEARS OR MORE IN ORIGINAL SEALED CONTAINER. STORE IN COOL DRY PLACE WITH ADEQUATE VENTILATION.

Other Precautions:USE ONLY WITH ADEQUATE VENTILATION. AVOID CONTACT WITH SKIN AND EYES. WASH THOROUGHLY AFTER HANDLING.

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Exposure Controls/Personal Protection  
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Ventilation:

GENERAL MECHANICAL OR LOCAL EXHAUST. USE NIOSH/MNSHA APPROVED SELF-CONTAINED RESPIRATOR.

Protective Gloves:RUBBER OR LATEX

Eye Protection:CHEMICAL SPLASH GOGGLES W/ FULL FACE SHIELD

Other Protective Equipment:IMMEDIATE ACCESS TO SAFETY SHOWER AND EYE WASH.

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  
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Boiling Pt:>248.9C, 480.F

B.P. Text:>400F,>204C

Vapor Pres:AIR

Spec Gravity:1.01

VOC Pounds/Gallon:50

pH:11.4

Viscosity:200 CPS

Solubility in Water:APPRECIABLE

Appearance and Odor:LIQUID, LIGHT YELLOW, AMONIA-LIKE ODOR.

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES

MAY REACT VIOLENTLY WHEN IN CONTACT WITH OXIDIZING MATERIALS, ACIDS, OR HALOGENATED COMPOUNDS SUCH AS METHYLENE CHLORIDE. REACTIONS MAY BE

SLOW INITIALLY, THEN RAPIDLY GENERATE HEAT AND VAPOR PRESSURE  
Hazardous Decomposition Products: BURNING OR EXCESSIVE HEAT MAY PRODUCE  
TOXIC LEVELS OF AMMONIA. OXIDES OF NITROGEN AND IRRITATING  
ALDEHYDES.

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

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

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

Waste Disposal Method

s: EVALUATION OF THIS PRODUCT BY RCRA CRITERIA IS  
NOT A HAZARDOUS WASTE IN ITS PURCHASED FORM. IT IS RESPONSIBILITY  
OF USER TO DETERMINE PROPER DISPOSAL METHODS. INCINERATION OR  
LANDFILL MAY BE PREFERRED METHODS WHEN IN ACCORDANCE FED, STATE,  
AND LOCAL REGULATIONS.

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

Transport Information: DOT SHIPPING NAME: POLYAMINES, LIQUID,  
CORROSIVE, N.O.S.; TECHNICAL SHIPPING NAME: DIETHYLENETRIAMINE,  
LIQUID RESIN  
ADDUCT, DOT HAZARD CLASS: 8, UN2735, PACKING GROUP  
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===== Regulatory Information =====

SARA Title III Information: NONE

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

State Regulatory Information: NONE

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