

**MATERIAL SAFETY DATA SHEET: CERTALEX**

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DATE OF ISSUE  
11/12/2003

SUPERSEDES  
4/21/1999

**SECTION I - GENERAL INFORMATION**

Chemical Name & Synonyms: / / Trade Name & Synonyms: CERTALEX  
 Chemical Family: POLYACRYLAMIDE Formula Mixture --> X  
 Manufacturer's Name: CERTIFIED LABS, DIV. OF NCH CORP.  
 Address: BOX 124170 IRVING, TEXAS 75012  
 Prepared By: L. Boynton/Chemist Product Code Number: 0174 Emergency Phone Number: 800-424-9300

**SECTION II - HAZARDOUS INGREDIENTS**

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

Chemical Name (Ingredients)	Hazard	TLV	PEL	STEL	CAS #
NO HAZARDOUS INGREDIENTS PER 29 CFR 1910.1200(D)					

**SECTION IIa - NON-HAZARDOUS INGREDIENTS**

(NON-HAZARDOUS INGREDIENT NAMES AND CAS NUMBERS ARE PROTECTED UNDER NJ TRADE)

Secret Registry #: 409363-5090P

**SECTION III - PHYSICAL DATA**

Boiling Point (F):	220°	Specific Gravity (H2O=1):	1.005
Vapor Pressure (MM HG):	17.41	Color:	LIGHT BLUE
Vapor Density (Air=1):	0.6	Odor:	ODORLESS
PH @ 100% :	7.9	Clarity:	TRANSPARENT TO HAZY
% Volatile by Volume:	96	Evaporation Rate (BU A/C=1):	0.6
H2O Solubility:	COMPLETE	Viscosity:	SLIGHT VISCOS

**SECTION IV - FIRE AND EXPLOSION HAZARD**

Flash Point: >200°F / SETAPLASH Flammable Limits: N/A LEL: N/A UEL: N/A  
 Extinguishing Media: X --Foam X --Alcohol Foam X --CO2 X --Dry Chemical X --Water Spray --Other  
 Special Fire Fighting Procedures: FIREFIGHTERS SHOULD WEAR A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. EXTINGUISHING MEDIA SHOULD BE CHOSEN BASED ON THE NATURE OF THE SURROUNDING FIRE. COOL FIRE-EXPOSED CONTAINERS WITH WATER SPRAY TO PREVENT BURSTING.  
 Unusual Fire and Explosion Hazards: USE CARE AS SPILLS MAY BE SLIPPERY.  
 Aerosol Level (NFPA 30B): N/A  
 NFPA 704 Hazard Rating: (0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)  
 1 --Health 1 --Flammability 0 --Reactivity --Special

**SECTION V - HEALTH HAZARD DATA**

Threshold Limit Value: NOT ESTABLISHED.  
 Effects of Overexposure: -Acute (Short Term Exposure)  
 ALTHOUGH THERE ARE NO HAZARDOUS INGREDIENTS IN THIS PRODUCT, AS WITH ANY CHEMICAL, DIRECT CONTACT WITH THE EYES MAY CAUSE IRRITATION.

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SECTION V - HEALTH HAZARD DATA (Continued)

-Chronic (Long Term Exposure)

NO HUMAN CHRONIC EFFECTS KNOWN. MEDICAL CONDITIONS AGGRAVATED: NONE KNOWN. TARGET ORGANS: NONE KNOWN. THERE IS NO PRIMARY ROUTE OF ENTRY INTO THE BODY. THE PRIMARY ROUTES OF EXPOSURE ARE SKIN AND EYE CONTACT.

Primary Routes of Entry: <--Inhalation <--Ingestion <--Absorption

Emergency and First Aid Procedures:

-Inhalation:

REMOVE FROM THE AREA TO FRESH AIR. SEEK MEDICAL ATTENTION IF RESPIRATORY IRRITATION DEVELOPS OR IF BREATHING BECOMES DIFFICULT.

-Eye Contact:

RINSE THE EYES WITH WATER. REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING WITH PLENTY OF WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

-Skin Contact:

WASH AFFECTED AREAS WITH PLENTY OF SOAP AND WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

-Ingestion:

GIVE 3 TO 4 GLASSES OF WATER, BUT DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. SEEK MEDICAL ATTENTION IF DISCOMFORT OCCURS.

-Notes to Physician:

THERE IS NO SPECIFIC ANTIDOTE. TREAT THE PATIENT SYMPTOMATICALLY.

SECTION VI - TOXICITY INFORMATION

Product Contains Chemicals Listed as Carcinogen or Potential Carcinogen By:

TARC--> No NTP--> No OSHA--> No ACGIH--> No OTHER--> No

VOC CONTENT: 0% BY WEIGHT; 0% BY VOLUME; 3 G/L

TOX DATA IS NOT APPLICABLE

SECTION VII - REACTIVITY DATA

Stability: X <--Stable <--Unstable

Conditions to Avoid: NONE KNOWN.

Incompatibility (Materials to Avoid):

STRONG OXIDIZING AGENTS SUCH AS CHLORINE BLEACH AND CONCENTRATED HYDROGEN PEROXIDE.

Hazardous Decomposition Products:

OXIDES OF CARBON.

Hazardous Polymerization: <--May Occur X <--Will Not Occur

Conditions to Avoid: N/A

SECTION VIII - SPILL OR LEAK PROCEDURES

Steps to be Taken if Material is Released or Spilled:

USE CARE AS SPILLS MAY BE SLIPPERY. DIKE AND CONTAIN SPILL. ABEGRB WITH AN INERT MATERIAL AND TRANSFER ALL MATERIAL INTO A PROPERLY LABELED CONTAINER FOR DISPOSAL. FLUSH AREA WITH WATER.

Waste Disposal Method(s):

DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.

Neutralizing Agent:

N/A

SECTION IX - SPECIAL PROTECTION INFORMATION

Required Ventilation:

GENERAL VENTILATION IS NORMALLY ADEQUATE.

Respiratory Protection:

NONE UNDER NORMAL CONDITIONS OF USE.

Glove Protection:

NONE UNDER NORMAL CONDITIONS OF USE.

Eye Protection:

NONE UNDER NORMAL CONDITIONS OF USE.

Other Protection:

NONE UNDER NORMAL CONDITIONS OF USE.

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SECTION IX - SPECIAL PROTECTION INFORMATION (Continued)

SECTION X - STORAGE AND HANDLING INFORMATION

Storage Temperature: Indoors--> X Outdoors--> Heated--> Refrigerated-->
Minimum Temperature: 35°F Maximum Temperature: 120°F

Precautions to be Taken in Handling and Storing:
KEEP FROM FREEZING. IF PRODUCT FREEZES ALLOW IT TO SLOWLY WARM TO ROOM TEMPERATURE AND STIR THOROUGHLY BEFORE USING.
ALWAYS STORE MATERIAL IN ITS ORIGINAL CONTAINER. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

Other Precautions:
KEEP OUT OF REACH OF CHILDREN. READ ENTIRE LABEL BEFORE USING PRODUCT. FOLLOW LABEL DIRECTIONS.

SECTION XI - REGULATORY INFORMATION

Chemical Name CAS Number Upper % Limit
None

Those ingredients listed above are subject to the reporting requirements of 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 172.

Please call 1-800-527-9919 for additional information if you are a California customer.
This MSDS is not intended for users in the state of California.

SECTION XII - REFERENCES

ALL THE COMPONENTS OF THIS PRODUCT ARE IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT (TSCA) AND ARE EITHER LISTED ON THE TSCA INVENTORY OR OTHERWISE EXEMPTED FROM LISTING.

IRR:IRRITANT, FLAM/FLAMM:FLAMMABLE,
COMB:COMBUSTIBLE, CORR:CORROSIVE, CARC:CARCINOGENIC, TOX:TOXIC, N/A:NOT APPLICABLE, N/E:NOT ESTABLISHED, CCC:CLEVELAND OPEN CUP, PMCC:PENSKY-MARTIN CLOSED CUP, TCC:TAGLIABUE CLOSED CUP, LEL:LOWER EXPLOSION LIMIT, UEL:UPPER EXPLOSION LIMIT, NFPA:NATIONAL FIRE PROTECTION ASSOCIATION, IARC:INTERNATIONAL AGENCY FOR THE RESEARCH ON CANCER, NTP:NATIONAL TOXICOLOGY PROGRAM, OSHA:OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION, ACGIH:AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS, TLV:THRESHOLD LIMIT VALUE, PEL:PERMISSIBLE EXPOSURE LIMIT, STEL:SHORT-TERM EXPOSURE LIMIT, MLD:MILD, MOD:MODERATE, SEV:SEVERE, MUT:MTAGENIC, ASPHYX:ASPHYXIANC, PNO3:PARTICLES (INSOLUBLE) NOT OTHERWISE SPECIFIED, SDT:STANDARD DRAIZE TEST, ORL:ORAL, IBL:INHALATION, HMN:HUMAN

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