

MATERIAL SAFETY DATA SHEET: WT-80

(000000-000000- -0800)

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DATE OF ISSUE
8/15/2002

SUPERSEDES
1/22/1999

SECTION I - GENERAL INFORMATION

Chemical Name & Synonyms
N/A

Chemical Family:
POLYMER SOLUTION

Manufacturer's Name:
CERTIFIED LABS, DIV. OF NCH CORP.

Address:
BOX 152170
IRVING, TEXAS 75015

Trade Name & Synonyms
WT-80

Formula Mixture --> X

Prepared By:
L Boynton/Chemist

Product Code Number
0800

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 #
POTASSIUM SALT OF PHOSPHONOBUTANE TRICARBOXYLIC ACID	IRRITANT	N/E 1.	N/E 2.	N/E	111951-31-6
POTASSIUM POLYACRYLATE	IRRITANT	N/E 1.	N/E 2.	N/E	25608-12-2
POTASSIUM TOLYLTRIAZOLE	IRRITANT	N/E 1.	N/E 2.	N/E	64665-53-8
POTASSIUM SALT OF HYDROXYETHYLIDENE DIPHOSPHONIC ACID	IRRITANT	N/E 1.	N/E 2.	N/E	67953-76-8
POTASSIUM SALT OF POLYMALEIC ANHYDRIDE	IRRITANT	N/E 1.	N/E 2.	N/E	128551-35-9

SECTION III - PHYSICAL DATA

Boiling Point (F):	>212°	Specific Gravity (H2O=1):	1.06
Vapor Pressure (MM HG):	13.5	Color:	PALE YELLOW
Vapor Density (Air=1):	0.6	Odor:	SWEET
PH @ 100% :	<12.4	Clarity:	TRANSPARENT
% Volatile by Volume:	96.4	Evaporation Rate (BU A/C=1):	0.57
H2O solubility:	COMPLETE	Viscosity:	NON-VISCOUS

SECTION IV - FIRE AND EXPLOSION HAZARD

Flash Point
NON-FLAM / N/E

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.

Unusual Fire and Explosion Hazards:
USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS TO PREVENT BURSTING.

Aerosol Level (NFPA 30B): N/A

NFPA 704 Hazard Rating (0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)
3 ---Health 1 ---Flammability 0 ---Reactivity ---Special

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value:
NOT ESTABLISHED.

Effects of Overexposure:
---Acute (Short Term Exposure)

7 CONTACT: CAUSES SEVERE IRRITATION SEEN AS TEARING, REDNESS AND A BURNING SENSATION.

5 CONTACT: CAUSES SEVERE IRRITATION SEEN AS ITCHING, REDNESS AND A BURNING SENSATION.

INGESTION: MAY CAUSE IRRITATION WITH POSSIBLE NAUSEA, VOMITING AND DIARRHEA.

INHALATION: CAUSES RESPIRATORY IRRITATION SEEN AS COUGHING AND SNEEZING.

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SECTION V - HEALTH HAZARD DATA (Continued)

-Chronic (Long Term Exposure)

NO HUMAN CHRONIC EFFECTS KNOWN.
 MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE ARE PRE-EXISTING RESPIRATORY AND SKIN CONDITIONS SUCH AS ASTHMA, EMPHYSEMA AND DERMATITIS.
 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:
 IMMEDIATELY RINSE THE EYES WITH WATER. REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING FOR AT LEAST 15 MINUTES. HOLD THE EYELIDS APART TO ENSURE RINSING OF THE ENTIRE SURFACE OF THE EYES AND LIDS WITH WATER. GET IMMEDIATE MEDICAL ATTENTION.

-Skin Contact:
 WASH AFFECTED AREAS WITH LARGE AMOUNTS OF SOAP AND WATER FOR 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES. GET IMMEDIATE MEDICAL ATTENTION. WASH CLOTHING AND CLEAN SHOES BEFORE REUSE.

-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:
 IARC--> No NTP--> No OSHA--> No ACGIH--> No OTHER--> No

POTASSIUM SALT OF PHOSPHONOHUTANE TRICARBOXYLIC ACID
 NO TOXICITY DATA AVAILABLE (DATA BELOW IS FOR UNNEUTRALIZED COMPOUND)
 IHL-RAT LC50: AEROSOL CONCENTRATIONS OF UP TO 3000 MG/M3 WERE TOLERATED WITH NO ADVERSE EFFECTS. 3.
 ORL-RAT LD50: 2000-6500 MG/KG 3.
 SKN-RBT LD50: >2000 MG/KG 3.
 SKN-GPG: NON-SENSITIZING 3.
 SKN-RBT: NON-IRRITATING 3.
 EYE-RBT: MODERATELY IRRITATING 3.

IN A 3-MONTH FEEDING EXPERIMENT, 6800 MG/KG WERE ADMINISTERED TO RATS WITH NO ADVERSE EFFECTS. 3.

POTASSIUM POLYACRYLATE
 NO TOXICITY DATA AVAILABLE (DATA BELOW IS FOR UNNEUTRALIZED COMPOUND)
 ORL-RAT LD50: >5000 MG/KG 3.
 SKN-RBT LD50: >5000 MG/KG 3.
 SKN-RBT: NO IRRITATION 3.
 EYE-RBT: SLIGHT IRRITATION 3.

POTASSIUM POLYTRIAZOLE
 NO TOXICITY DATA AVAILABLE (DATA BELOW IS FOR UNNEUTRALIZED COMPOUND)
 ORL-RAT LD50: 675 MG/KG 3.
 SKN-RBT LD50: >2000 MG/KG 3.
 SKN-RBT: NON-IRRITATING 3.
 EYE-RBT: CAUSES IRRITATION 3.

POTASSIUM SALT OF HYDROXYETHYLIDENE DIPHOSPHONIC ACID
 NO TOXICITY DATA AVAILABLE (DATA BELOW IS FOR UNNEUTRALIZED COMPOUND)
 ORL-MSE LD50: 1800 MG/KG 4.

POTASSIUM SALT OF POLYMALEIC ANHYDRIDE
 NO TOXICITY DATA AVAILABLE (DATA BELOW IS FOR UNNEUTRALIZED COMPOUND)
 IHL-RAT LC50: >720 MG/M3/1H 4.
 ORL-RAT LD50: 708 MG/KG 4.
 SKN-RBT LD50: 1560 MG/KG 4.
 SKN-RBT SDT: 500 MG/24H MILD 4.
 EYE-RBT SDT: 100 MG SEVERE 4.

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; REDUCING AGENTS SUCH AS SODIUM THIOSULFATE; ACIDS, ALDEHYDES, ALKALIS, ALUMINUM, COPPER, TIN, ZINC, CHLORINATED SOLVENTS, LEATHER AND ORGANIC TENS.

Hazardous Decomposition Products:
 OXIDES OF CARBON AND NITROGEN, HYDROGEN GAS, HYDROGEN CYANIDE, PHOSPHINES AND PHOSPHORIC ACID.

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SECTION VII - REACTIVITY DATA (Continued)

Hazardous Polymerization: N/A
--May Occur X --Will Not Occur

SECTION VIII - SPILL OR LEAK PROCEDURES

Steps to be Taken if Material is Released or Spilled: WEAR APPROPRIATE PROTECTIVE CLOTHING. USE CARE AS SPILLS MAY BE SLIPPERY. DIKE AND CONTAIN SPILL. ABSORB WITH AN INERT MATERIAL AND TRANSFER ALL MATERIAL INTO A PROPERLY LABELED CONTAINER FOR DISPOSAL. PREVENT PRODUCT FROM CONTAMINATING SOIL OR FROM ENTERING SEWAGE AND DRAINAGE SYSTEMS AND BODIES OF WATER. FLUSH AREA WITH WATER.

Waste Disposal Method(s): DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.

Neutralizing Agent: USE DILUTE ACIDS SUCH AS CITRIC ACID OR VINEGAR. ADD CAUTIOUSLY WHILE MIXING. WEAR APPROPRIATE PROTECTIVE CLOTHING.

SECTION IX - SPECIAL PROTECTION INFORMATION

Required Ventilation: LOCAL VENTILATION IS RECOMMENDED TO CONTROL EXPOSURE FROM OPERATIONS THAT CAN GENERATE MISTS.

Respiratory Protection: A NIOSH/MSHA APPROVED RESPIRATOR WHERE MISTING EXISTS.

Glove Protection: NEOPRENE OR NITRILE RUBBER GLOVES SHOULD BE WORN.

Eye Protection: CHEMICAL GOGGLES SHOULD BE WORN.

Other Protection: WEAR PROTECTIVE CLOTHING WHEN HANDLING.

SECTION X - STORAGE AND HANDLING INFORMATION

Storage Temperature: Indoors--> X Outdoors--> X Heated--> Refrigerated-->
Minimum Temperature: 35°F Maximum Temperature: 110°F

Precautions to be Taken in Handling and Storing: ALWAYS STORE MATERIAL IN ITS ORIGINAL CONTAINER IN A COOL, DRY PLACE. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. KEEP FROM FREEZING. IF PRODUCT FREEZES ALLOW IT TO SLOWLY WARM TO ROOM TEMPERATURE AND STIR THOROUGHLY BEFORE USING. RINSE EMPTY DRUMS OF ALL RESIDUE.

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

SECTION XI - REGULATORY INFORMATION

Chemical Name None CAS Number Upper & Limit

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 372.

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

- 1. THRESHOLD LIMIT VALUES FOR CHEMICAL SUBSTANCES AND PHYSICAL AGENTS AND BIOLOGICAL EXPOSURE INDICES, ACGIH, 2002.
2. OSHA PEL.
3. VENDOR'S MSDS.
4. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES, CCINPOdisc, 2002.
ALL COMPONENTS IN THIS PRODUCT CAN BE FOUND IN THE CURRENT TSCA INVENTORY.

COMB:COMBUSTIBLE, CORR:CORROSIVE, CARC:CARCINOGENIC, TOX:TOXIC, N/A:NOT APPLICABLE, IRR:IRRITANT, PLAM/PLAMM:FLAMMABLE, OPEN CUP, PMCC:PENSKY-MARTIN CLOSED CUP, TCC:TAGLIABUO 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:MUTAGENIC, ASPHYK:ASPHYXIAN, PNCOS:PARTICULATES (INSOLUBLE) NOT OTHERWISE SPECIFIED, SDT:STANDARD DRAIZE TEST, ORL:ORAL, IHL:INHALATION, HMN:HUMAN

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE IN LIGHT OF CURRENT FORMULATION. HOWEVER, NO LIABILITY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE OF THE PRODUCT.

CERTIFIED LABS, DIV. OF NCH CORP. assumes no responsibility for personal injury or property damage caused by the use, storage, or disposal of the product in a manner not recommended on the product label. Users assume all risks

SECTION XII - REFERENCES (Continued)

associated with such unrecommended use, storage, or disposal of the product.