SECTION I - GENERAL INFORMATION

Chemical Name & Synonyms
N/A

Trade Name & Synonyms
STARCH-RAFTED POLYACRYLATE

Chemical Family
STARCH-RAFTED POLYACRYLATE

Manufacturer's Name
CERTIFIED LABS, DIV. OF HCH CORP.

Address
BOX 152170
IRVING, TEXAS 75015

Prepared By
R. STOLLEY/ CHEMIST

SECTION II - HAZARDOUS INGREDIENTS

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

Chemical Name (Ingredients) Hazard
SODIUM POLYACRYLATE IRRITANT

SECTION III - PHYSICAL DATA

Boiling Point (°F): N/A

Specific Gravity (H2O=1): 0.69-0.78 O/L

Vapor Pressure (MM Hg): N/A

Color: WHITE

Vapor Density (Air=1): N/A

Odor: NONE

% Vol. Evaporation Rate (EU/Day): N/A

Clarity: OPAQUE

N2O Solubility: NEGLIGIBLE

Viscosity: SOLID

SECTION IV - FIRE AND EXPLOSION HAZARD

Flash Point: N/A

Flammable Limits
N/A

LEL N/A

UEL N/A

Extinguishing Media
X <--Foam

<--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:
PRODUCT MAY FORM AN EXPLOSIVE MIXTURE WHEN FIRELY DIVIDED AND SUSPENDED IN AIR.

Aerosol Level (NFPA 308): N/A

NFPA 704 Hazard Rating
(1=Insignificant 2=Slight 3=Moderate 4=High 5=Extreme)

1 <--Health

X <--Flammability 0 <--Instability <--Special

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value:
LONG & AS PROCL 1

Effects of Overexposure:
EYE CONTACT: MAY CAUSE IRRITATION SEEN AS TEARS AND REDNESS. INGESTION: MAY CAUSE IRRITATION WITH POSSIBLE NAUSEA, VOMITING AND DIARRHEA.

NO CHRONIC DATA AVAILABLE. TARGET ORGANS: NONE KNOWN. MEDICAL CONDITIONS AGGRAVATED: NONE KNOWN.

Primary Routes of Entry:
X <--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:
RISE THE EYES WITH WATER. REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING WITH PLenty OF WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

-WASH AFFECTED AREAS WITH PLenty OF SOAP AND WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.
SECTION V - HEALTH HAZARD DATA (Continued)

- 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 ANTIODOTE. TREAT THE PATIENT SYMPTOMATICALLY.

SECTION VI - TOXICITY INFORMATION

Product Contains Chemicals Listed as Carcinogen or Potential Carcinogen By:

<table>
<thead>
<tr>
<th>JARC</th>
<th>MTD</th>
<th>OSHA</th>
<th>AGGIH</th>
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<tbody>
<tr>
<td>No</td>
<td>No</td>
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SO2: Polyacrylate
EYE-8H2 2 MG/MOD
GRL-20E LD50 >5000 MG/KG

SECTION VII - REACTIVITY DATA

Stability: X --- Stable
Conditions to Avoid: X --- Unstable
Ignition Sources if Material is Finely Dispersed in Air:

Incompatibility Materials to Avoid:
STRONG ACIDS SUCH AS SODIUM HYDROXIDE.

Hazardous Decomposition Products:
OXIDES OF CARBON AND SODIUM.

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

R/A

SECTION VIII - SPILL OR LEAK PROCEDURES

Steps to be Taken if Material is Released or Spilled:
USE CARE AS SPILLED MAY BE DANGEROUS. TRANSFER SOLID INTO A PROPERLY LABELED CONTAINER FOR REUSE OR DISPOSAL. IF NECESSARY WASH AREA WITH WATER AND RINSE TO THE DRAIN. AVOID CONTACT WITH EYES OR SKIN. WEAR APPROPRIATE PROTECTIVE CLOTHING.

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

Neutralizing Agent:

SECTION IX - SPECIAL PROTECTION INFORMATION

Required Ventilation:
GENERAL VENTILATION IS NORMALLY ADEQUATE.

Respiratory Protection:
MORE REQUIRED UNDER NORMAL CONDITIONS OF USE.

Glove Protection:
MORE UNDER NORMAL CONDITIONS OF USE.

Eye Protection:
SAFETY GLASSES IF THE METHOD OF USE PRESENTS THE LIKELIHOOD OF EYE CONTACT.

SECTION X - STORAGE AND HANDLING INFORMATION

Storage Temperature:
Indoors --- X
Outdoors --- No
Heated --- No
Refrigerated --- No

Minimum Temperature: 35 F. Maximum Temperature: 120 F

Precautions to be Taken in Handling and Storing:
ALWAYS STORE MATERIAL IN ITS ORIGINAL CONTAINER. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

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 or Limit

None

These ingredients listed above are subject to the reporting requirements of Title III of the Superfund Amendments and Reauthorization Act of 1986 and part 372.

Please call 1-800-527-9918 for additional information if you are a California customer.
This MSDS is not intended for users in the state of California.

SECTION XII - REFERENCES
SECTION XII - REFERENCES (Continued)

1. THRESHOLD LIMIT VALUES FOR CHEMICAL SUBSTANCES AND PHYSICAL AGENTS
   AND BIOLOGICAL EXPOSURE INDICES, ACGIH, 1999.
2. OSHA PEL.
4. VENDOR'S MSDS.

ALL COMPONENTS IN THIS PRODUCT CAN BE FOUND IN THE CURRENT TSCA INVENTORY.

The information contained herein is based on data considered accurate in light of current formulation. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

CERTIFIED LABS, DIV. OF NHG 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 associated with such unrecommended use, storage, or disposal of the product.