

CALIFORNIA SODA COMPANY -- POLYELECTROLYTE 20% -- 6850-01-369-7897

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

Product ID:POLYELECTROLYTE 20%

MSDS Date:02/02/2000

FSC:6850

NIIN:01-369-7897

Status Code:A

MSDS Number: CLFTN

=== Responsible Party ===

Company Name:CALIFORNIA SODA COMPANY

Address:355 MANDELA PARKWAY

City:OAKLAND

State:CA

ZIP:94607

Country:US

Info Phone Num:510-444-6217

Emergency Phone Num:800-4

24-9300

Preparer's Name:M. BRILLIANT

Chemtrec Ind/Phone:(800)424-9300

CAGE:TO554

=== Contractor Identification ===

Company Name:CALIFORNIA SODA COMPANY

Address:355 MANDELA PARKWAY

Box:City:OAKLAND

State:CA

ZIP:94607

Country:US

Phone:510-444-6217

CAGE:TO554

Company Name:TELECHEM INTERNATIONAL, INC

Address:524 E WEDDELL DRIVE SUITE 3

Box:City:SUNNYVALE

State:CA

ZIP:94089-2115

Country:US

Phone:916-941-3688

Contract Num:SP0450-01-M-ZC83

CAGE:1KH20

===== Composition/Information on Ingredien

ts =====

Ingred Name:POLYDIMETHYLDIALLYLAMMONIUM CHLORIDE

CAS:26062-79-3

= Wt:20.

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

= Wt:80.

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

Health Hazards Acute and Chronic:EYE: PROLONGED OR REPEATED EYE CONTACT MAY CAUSE IRRITATION. INHALATION: NO HAZARD IN NORMAL INDUSTRIAL USE. MAY CAUSE RESPIRATORY SYSTEM IRRITATION. INGESTION: NO HAZARD IN NORMAL INDUSTRIAL USE. MAY BE HARMFUL IF SWALLOWED. SKIN:

PROLONGED EXPOSURE MAY CAUSE SKIN IRRITATION.

Effects of Overexposure:RESPIRATORY IRRITATION, DIZZINESS, NAUSEA, LOSS OF CONSCIOUSNESS.

Medical Cond Aggravated by Exposure:CONTACT WITH THIS MATERIAL MAY AGGRAVATE EXISTING SKIN CONDITIONS.

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

First Aid:EYE: HOLD EYELIDS APART AND FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. INHALATION: MOVE TO FRESH AIR. IF SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION

. INGESTION: MATERIAL IS NOT EXPECTED TO BE HARMFUL BY INGESTION. IF SWALLOWED, DO NOT INDUCE VOMITING. GIVE VICTIM A GLASS OF WATER. CONSULT A PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SKIN: IMMEDIATELY WASH SKIN WITH PLENTY OF SOAP AND WATER FOR AT LEAST 15 MINUTES.

===== Fire Fighting Measures =====

Flash Point Method:TCC

Flash Point:>100.C, 212.F

Autoignition Temp:Autoignition Temp Text:NONE

Extinguishing Media:NOT

EXPECTED TO BURN UNLESS HEATED TO DRYNESS.
RESIDUE MAY IGNITE. USE WATER, FOAM, CARBON DIOXIDE OR DRY CHEMICAL TO EXTINGUISH.

Fire Fighting Procedures:IN A FIRE SITUATION, MAY LIBERATE OXIDES OF NITROGEN OR CARBON, AND HYDROGEN CHLORIDE. KEEP CONTAINERS COOL BY SPRAYING WITH WATER IF EXPOSED TO FIRE. SELF CONTAINED BREATHING APPARATUS SHOULD BE WORN .

Unusual Fire/Explosion Hazard:NONE.

===== Accidental Release Measures =====

Spill Release Procedures:NOT CONSIDERED A HAZARDOUS WASTE. AVOID RUNOFF INTO STORM SEWERS AND DITCHES WHICH LEAD TO WATERWAYS. DIKE AND ABSORB SPILL WITH INERT MATERIALS AND COLLECT FOR DISPOSAL. PRODUCT MAY CAUSE SLIP HAZARD. IF SLIPPERY CONDITIONS PERSIST, APPLY MORE DRY SWEEP COMPOUND.

===== Handling and Storage =====

Handling and Storage Precautions:AVOID STORAGE TEMPERATURES BELOW FREEZING (32F) AND ABOVE 86 DEGREES F, AVOID UV LIGHT.
Other Precautions:EYEWASH AND SAFETY SHOWER SHOULD BE AVAILABLE IN AREAS WHERE THIS PRODUCT IS HANDLED.

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

Respiratory Protection:NONE WHEN ADEQUATE VENTILATION IS PROVIDED.
Ventilation:GENERAL VENTILATION IS RECOMMENDED.
Protective Gloves:WEAR IMPERVIOUS GLOVES
Eye Protection:WEAR CHEMICAL SPLASH GOGGLES OR FACE MASK.
Other Protective Equipment:EYEWASH AND SAFETY SHOWER SHOULD BE AVAILABLE IN AREAS WHERE THIS PRODUCT IS HANDLED.
Work Hygienic Practices:USE GOOD PERSONAL HYGIENE WHEN HANDLING THIS PRODUCT. WASH HANDS AFTER USE, BEFORE SMOKING, OR USING THE TOILET.
Supplemental Safety and Health

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

HCC:C3
Boiling Pt:>100.C, 212.F
Melt/Freeze Pt: