

ELPOWER CORPORATION -- EP685 -- 6140-01-117-9646

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Product Identification
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Product ID:EP685

MSDS Date:06/05/1986

FSC:6140

NIIN:01-117-9646

MSDS Number: BMWZQ

=== Responsible Party ===

Company Name:ELPOWER CORPORATION

Address:2117 SOUTH ANNA STREET

City:SANTA ANA

State:CA

ZIP:92704

Country:US

Info Phone Num:714-540-6155

Emergency Phone Num:714-540-6155

CAGE:ELPOW

=== Contractor Identifica

tion ===

Company Name:ELDON INDUSTRIES INC., ELPOWER CORP.

Address:2117 SOUTH ANNE ST

Box:City:SANTA ANA

State:CA

ZIP:92704

Country:US

Phone:COMPANY OUT OF BUSINESS

CAGE:31743

Company Name:ELPOWER CORPORATION

Address:2117 SOUTH ANNE STREET

City:SANTA ANA

State:CA

ZIP:92704

Phone:(714) 540-6155

CAGE:ELPOW

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Composition/Information on Ingredients
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Ingred Name:SULFURIC ACID (SARA III)

CAS:7664-93-9

RTECS #:WS5600000

Fraction by Wt: 32%

Other REC Limits:NONE SPECIFIED

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SHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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===== Hazards Identification =====
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES:SEVEREE BURNS,CORNEA DAMAGE AND
BLINDNESS. SKIN: SEVEREIRRITATION BURNS AND ULCERATION. INHALATION;
SEVERE RESPIRATORY IRRATION AT LEVELS OF 5 MM/M3, INFLAMMATION OF
BRONCHIAL MEMBRANES M
AY OCCUR AT 12-35 MG/M3. INGESTATION:
ELECTROYLTE MAY CAUSE SEVERE BURNS AND UNCELERATION OF MOUTH,
THROAT,ESPHAGUS AND STOMACH.
Effects of Overexposure:CONCENTRATIONS AS LOW AS 5MG/M3 CAN CAUSE
COUGH,INCREASED RESPIRATORY RATE AND IMPAIERED VENTILARY CAPACITY.
DROPLETS OR MIST ON THE SKIN CAUSES A UNCOMFORTABLE STING,BURNING
SENSATION, EYEE IRRITATIO N FREQUENTLY OCCURS AT CONCENTRATIONS OF
1.1 TO 2.4 MG/M3, TEETH MAY BECOME DISCOLORED.
Medical Cond Aggravated by Exposu
re:NONE GIVEN

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===== First Aid Measures =====
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First Aid:EYES:FLUSH WITH LOTS OF COOL WATER FOR AT LEAST 15 MINUTES
BOTH EYES UPPER AND LOWER LIDS. SKIN:FLUSH WITH WATER FOR AT LEAST
15 MINUTES CLOTHING ALSO,CLOTHING MUST NOT BE
REWORN.INHALATION:REMOVE TO FRESH AIR GIVE ARTIFICIAL REPIRATION
IFNOT BREATHING,GIVE OXYGEN IF BREATHING IS
DIFFICULT.INGESTION:GIVE LARGE AMOUNTS OF WATER,DO NOT TRY TO
VOMIT,GARGLE TO WASH THROAT,GIVE MILK
WITHEGG WHITES.

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===== Fire Fighting Measures =====
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Upper Limits:NA/
Extinguishing Media:FOR FIRES IN AREA:DRY CHEMICALS,CARBON
DIOXIDE,WATER FOG,WATER
Fire Fighting Procedures:SULFURIC ACID FUMES,SULFUR DIOXIDE GAS OR
CARBON MONOXIDEE MAY BE RELEASED WHEN ELECTROLYTE DECOMPOSES: WEAR
NIOSH APPROVED SELF CONTAINED BREATHING APPERATUS
Unusual Fire/Explosion Hazard:ELECTROLYTE (SULFURIC ACID) REACTS
VIOLENTY WITH METALS,
NITRATES,CHLORATES,CAR

BIDES,FULMINATES,PICRATES AND OTHER ORGANIC MATERIALS

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

Spill Release Procedures:STOP FLOW OF MATERIAL, USE REPIRATORY EQUIPMENT, FOR LAERGE SPILLS WEAR ACID RESISTANT CLOTHING COVERING ALL SKIN SURFACES. CONTAIN/ABSORB SMALL SPILLS USING VERMICULITE,DRY SAN,EARTH OR SIMILIAR MATE RIALS.NEVER USE RAGS, SAWDUST OR OTHERCOMBUSTIBE
Neutralizing Agent:LIME,SODA ASH,SODIUM BICARBONATE ETC.

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

Handling and Storage Precautions:STORE IN COOL DRY,VENTILATED AREA THAT IS PROTECTED FROM WEATHER. STORE ONLY IN AREAS WITH UNLIMITED WATERSUPPLIES AND WEAR SPILLS CAN BE CONTROLLED
Other Precautions:WHEN DILUTING ALWAYS POUR ACID SLOWLY AND CAREFULLY INTO WATER,KEEP AWAY FROM FIRE,SPARKS AND HEAT

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

Respiratory Protection:IF EXCEEDS PEL USE NIOSH APPROVED FITTED FULL FACE RESPIRATOR WIYH APPROPIATE FILTER OR SELF CONTAINED BREATHING APPERATUS.
Ventilation:NO CROSS DRAFTS,VENTILATION COMPONENT MUST BE ACID AND EXPLOSION RESISTANT.
Protective Gloves:ACID RESISTANT RUBBER OR PLASTIC
Eye Protection:SAFETY WITH SIDE SHIELDS
Other Protective Equipment:ACID RESISTANT APRON,CLOTHING AND BOOTS.COVER ALL SKIN AREAS
Work Hygienic Practices:PRUDENT
Supplemental Safety and Health
EMERGENCY SHOWERS SHOULD PROVIDE AT LEAST .4GAL PER MIN FOR EYEWASH AND 30 GAL PER MIN FOR BODY FLUSHING CONTINUE FOR 15 MINUTES.

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

HCC:C1
Boiling Pt:B.P. Text:237F,114C
Melt/Freeze Pt:M.P/F.P Text:-94CHARGED
Vapor Pres:9.95@68F
Vapor Density:>1
Spec Gravity:1.280
Evaporation Rate & Reference: