View NSN Online: https://aerobasegroup.com/nsn/6140-01-324-1958

## EXIDE CORP/YUASA EXIDE INC. -- BATTERY ELECTROLYTE, 18-TGF-21 -- 6140-01-324-1958

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

Product ID:BATTERY ELECTROLYTE, 18-TGF-21

MSDS Date:06/01/1996

FSC:6140

NIIN:01-324-1958

Kit Part:Y

MSDS Number: CDQPK === Responsible Party ===

Company Name: EXIDE CORP/YUASA EXIDE INC.

Address:645 PENN STREET

City:READING

State:PA

ZIP:19612-4205

Country:US

Info Phone Num:610-378-055

0/208-1975

Emergency Phone Num:610-378-0500/800-424-9300(CHEMTREC)

CAGE:KO556

=== Contractor Identification ===

Company Name: COLONIAL CHEMICAL CO

Address: R D NO 3 TABERNACLE CARRANZA RD

Box:City:VINCETOWN

State:NJ

ZIP:08088-9804

Country:US

Phone:609-268-1200

CAGE:2L633

Company Name: ENERSYS INC

Address:8306PATUXENT RANGE RS SUITE 103

Box:City:JESSUP

State:MD

ZIP:20794-8609

Country:US

Phone:301-381-8500 OR 215-378-0757

CAGE:90660

Company Name: EXIDE CORP Address: 645 PENN STREET

Box:14205 City:READI NG

State:PA

ZIP:19612-4205

Country:US

Phone:610-378-0500/0798

CAGE:20038

Company Name: EXIDE CORP/YUASA EXIDE INC.

Address:645 PENN STREET

Box:14145 City:READING

State:PA

ZIP:19612-4205 Country:US

Phone:610-378-0550/208-1975

CAGE:KO556

======= Composition/Information on Ingredients ========

Ingred Name: SULFURIC ACID (SARA 302/313) (CERCLA)

CAS:7664-93-9

RTECS #:WS5600000 Fraction by Wt: 30 - 40%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3/3 STEL; 9596

EPA R

pt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000 Fraction by Wt: 60 - 70%

Other REC Limits: NONE RECOMMENDED

**OSHA PEL:NOT RELEVANT ACGIH TLV:NOT RELEVANT** 

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

LD50 LC50 Mixture:RAT,LC50:510MG/M3/2H;LD50:2140MG/KGRTECS

Routes of Entry: Inhalation:NO Skin:NO Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, RESPIRATORY &

GI TRACTS. ACUTE- CORROSIVE! CAUSES SEVERE EYES, SKIN & ALL BODY TISSUE BURNS. EYE DAMAGE MAY BE PERMANENT. MAY CAUSE SKIN ULCERATION. MIST IS IRRITATING TO RESP IRATORY TRACT. INGESTION CAUSES SEVERE BURNS. CHRONIC- MAY CAUSE DENTAL EROSION, IMPAIRED LUNG FUNCTION.

**Explanation of Carcinogenicity:NONE** 

Effects of Overexposure:SEVERE IRRITATION AND BURNING, VISUAL IMPAIRMENT, DENTAL EROSION, COUGH, SEVERE PAIN, BLINDNESS, WHEEZING, ABNORMAL LUNG SOUNDS, SKIN ULCER, ITC

HING AND RASH,

BLEEDING, VOMITING, DIARRHEA

Medical Cond Aggravated by Exposure: OPEN WOUNDS AND SORES, RESPIRATORY AILMENTS SUCH AS EMPHYSEMIA AND BRONCHITIS

First Aid:GET MEDICAL ATTENTION IMMEDIATELY. EYE/SKIN: IMMEDIATELY FLUSH WITH WATER FOR 15-20 MINUTES. HOLD EYELIDS OPEN. CONTINUE RINSING EYES WITH NORMAL SALINE UNTIL PH=7. INHALED:REMOVE TO FRESH AIR. PROVID E OXYGEN/CPR IF NEEDED. ORAL:DO NOT INDU CE VOMITING. IF

CONSCIOUS, DRINK LARGE AMOUNT OF WATER/MILK. INGESTED ACID MUST BE DILUTED ABOUT 100 FOLDS. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS.

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

Flash Point:NONE

Lower Limits:NOT RELEVANT Upper Limits:NOT RELEVANT

Extinguishing Media:WATER FOG, CARBON DIOXIDE, FOAM OR DRY CHEMICAL. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED S

ELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:MAY REACT WITH ORGANIC MATERIAL OR WATER YIELDING HEAT. TOXIC GASES MAY BE FORMED.

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

Spill Release Procedures: VENTILATE AREA AND NEUTRALIZE SPILL WITH SODA ASH/LIME. ABSORB WITH INERT MATERIAL. SCOOP INTO A SUITABLE CONTAINER FOR DISPOSAL. PREVENT LIQUID FROM ENTERING SEWERS, WATERWAYS O

R LOW AREAS. Neutralizing Agent:SUITABLE ALKALI SUCH AS LIME OR SODA ASH
=========== Handling and Storage =============
Handling and Storage Precautions:STORE AWAY FROM INCOMPATIBLE MATERIALS. KEEP OUT OF REACH OF CHILDREN. Other Precautions:AVOID BREATHING MISTS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. DO NOT INGEST.
====== Exposure Controls/Personal Protection ========
Respirato ry Protection:USE NIOSH APPROVED RESPIRATOR WITH CANISTER APPROVED FOR SULFURIC ACID VAPOR AND MIST IF TLV EXCEEDED. Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV REQUIREMENTS. Protective Gloves:RUBBER OR LATEX Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES Other Protective Equipment:PROTECTIVE CLOTHING, ACID RESISTANT BODY SUIT, SAFETY SHOWER, EYEWASH. Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. Suppleme ntal Safety and Health KEY1:C1. THIS IS FOR ELECTROLYTE. FOR DRY BATTERY, SEE PNI C, SAME NSN.
========= Physical/Chemical Properties =========
HCC:C1 NRC/State Lic Num:NOT RELEVANT Boiling Pt:B.P. Text:203F,95C Vapor Pres:10 @ 68F Vapor Density:>1 Spec Gravity:1.245 - 1.295 pH: