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## AMERICAN DEVELOPMENT CORPORATION -- HYDROCHLORIC ACID -- 6810-00-236-5665

Product ID:HYDROCHLORIC ACID

MSDS Date:09/01/1988

FSC:6810

NIIN:00-236-5665

MSDS Number: BDLTK === Responsible Party ===

Company Name: AMERICAN DEVELOPMENT CORPORATION

Address: HIGHWAY 118 WEST, ROUTE 2

Box:667

City: VANCEBORO

State:NC ZIP:28586 Country:US

Info Phone Num:919-244-0782

Emergenc

y Phone Num:800-624-6938

Preparer's Name: W.S. WETHERINGTON

CAGE:3J729

=== Contractor Identification ===

Company Name: AMERICAN DEVELOPMENT CORP

Address:1456 STATE CAMP ROAD

Box:385

City: VANCEBORO

State:NC ZIP:28586 Country:US

Phone:919-244-0782

CAGE:3J729

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

Ingred Name: HYDROGEN CHLORIDE (HYDROCHLORIC ACID) (SARA III)

CAS:7647-01-0

RTECS #:MW4025000 Fraction by Wt: 37.2% OSHA PEL:C 5 PPM

ACGIH TLV:C 5 PPM; 9192

EPA Rpt Qty:5000

LBS DOT Rpt Qty:5000 LBS

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: BALANCE

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

LD50 LC50 Mixture: RABBIT ORAL: 900MG/KG

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

Health Hazards Acute and Chronic:ACUTE: INHALE- SORE THROAT, COUGHING, SHORTNESS OF BREATH. CONC. ABOVE 50 PPM WILL DAMAGE THE UPPER RESPIRATORY TRACT. SKIN- CORROSIVE, RED

NESS, BURNS. EYES-

CORROSIVE, BURNS, PAIN, BLURRED VISION. IN GEST- CORROSIVE TO ESOPHAGUS AND STOMACH. MAY LEAD TO CONVULSIONS.

Explanation of Carcinogenicity: NONE OF THE CHEMICALS IN THIS PRODUCT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure: SEE HEALTH HAZARDS DATA.

Medical Cond Aggravated by Exposure: RESPIRATORY AILMENTS.

First Aid:INHALE- REMOVE TO FRESH AIR, KEEP UPRIGHT POSITION, PR OVIDE

OXYGEN, GET MEDICAL AID. SKIN- WASH WITH WATER, GET MEDICAL ATTENTION. EYES- FLUSH WITH WATER FOR 15 MINS., INCLUDING UNDER THE LIDS, GET ME DICAL ATTENTION. INGEST- DO NOT INDUCE VOMITING-GET MEDICAL AID-RINSE MOUTH WITH WATER-DRINK PLENTY OF WATER-GIVE MILK OF MAGNESIA OR LIME WATER.

Flash Point:NONE

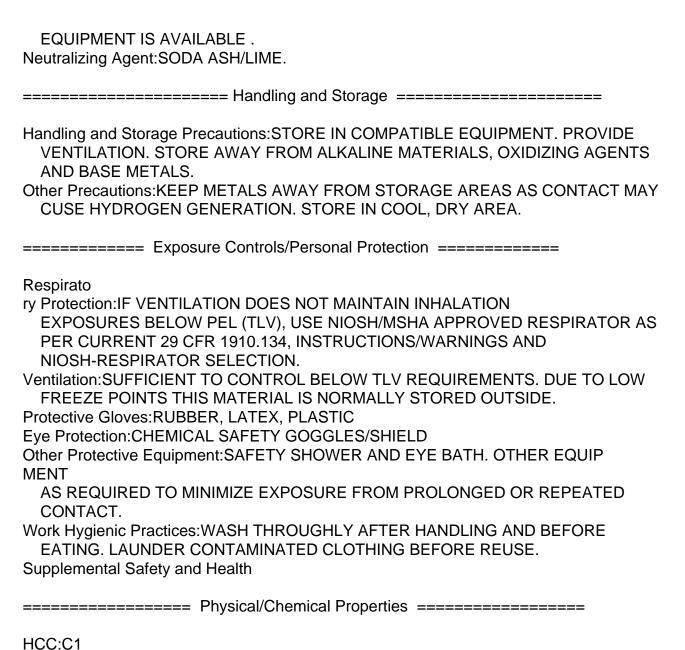
Autoignition Temp:Autoignition Temp Text:NONE Extinguishing Media:USE SUITABLE MEDIA FOR SURROUNDIN G FIRE.

Fire Fighting Procedures: USE PROTECTIVE CLOTHING SUITABLE FOR ACIDS AND SELF CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:FLAMMABLE HYDROGEN GAS IS GENERATED BY REACTION WITH MANY METALS.

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

Spill Release Procedures: CONTAIN SPILL OR LEAKS IN PLASTIC CONTAINERS, DIKES, PONDS, OR RETENTION AREAS WHERE SPILLAGE CAN BE NEUTRALIZED WITH SODA ASH OR ALKALINE SOLUTIONS. CONSIDER RECOVERY IF PROPER



Boiling Pt:B.P. Text:182F,83C

Vapor Pres:30 Vapor Density:1.3 Spec Gravity:1.16

pH < 0.1

Solubility i

Melt/Freeze Pt:M.P/F.P Text:-63F,-53C

Evaporation Rate & Evaporation R

n Water:COMPLETE
Appearance and Odor:COLORLESS TO LIGHT YELLOW FUMING LIQUID WITH A
PUNGENT AND SUFFOCATING ODOR.
Percent Volatiles by Volume:100.0

======== Stability and Reactivity Data ==========

Stability Indicator/Materials to Avoid:YES

BASE METALS, METAL OXIDES, ALKALINE MATERIALS, CARBONATES, AMINES, HYDROXIDES.

Stability Condition to Avoid:HEAT SOURCES, CONTACT WITH METALS OR ALKALIS, AND BODY CONTACT.

Hazardous Decomposition Products:HYDROGEN CHLORIDE GAS, HYDROGEN

======= Disposal Considerations ===========

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS. DISPOSAL IS CONTINGENT UPON ALLOWABLE SALT CONCENTRATIONS AND PH IN THE EFFLUENT STREAM.

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