

BIO-TEK INDUSTRIES INC -- TEK-203 -- 6850-00-949-1397

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

Product ID:TEK-203  
MSDS Date:10/31/1999  
FSC:6850  
NIIN:00-949-1397  
Status Code:A  
MSDS Number: CKVLN  
=== Responsible Party ===  
Company Name:BIO-TEK INDUSTRIES INC  
Address:1380 W MARIETTA SW W  
City:ATLANTA  
State:GA  
ZIP:30318  
Country:US  
Info Phone Num:404-799-2050  
Emergency Phone Num:404-799-2050  
CAGE:0NV62  
=== C  
Contractor Identification ===  
Company Name:BIO-TEK INDUSTRIES INC  
Address:1380 W MARIETTA SW W  
Box:City:ATLANTA  
State:GA  
ZIP:30318  
Country:US  
Phone:404-799-2050  
Contract Num:SP0450-01-M-D169  
CAGE:0NV62

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

Ingred Name:HYDROGEN CHLORIDE AQUEOUS SOLUTION  
CAS:7647-01-0  
RTECS #:MW4025000  
= Wt:10.  
OSHA PEL:C7 MG/M3;C5 PPM  
ACGIH STEL:C7.5 MG/M3;C5 PPM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

=====  
Hazards Identificati  
=====

on =====

LD50 LC50 Mixture:ORAL-RABBIT LD50: 900 MG/KG

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE: EXPOSURE TO PRODUCT MAY CAUSE SEVERE IRRITATION. SKIN: EXPOSURE TO PRODUCT MAY CAUSE SEVERE IRRITATION AND BURNS. INGESTION: MATERIAL CAN BE HARMFUL IF INGESTED. INHALATION: VAPORS AND MISTS ARE EXTREMELY CORROSIVE TO THE NOSE AND THROAT.

Explanation of Carcinogenicity:NON-CARCINOGENIC.

Effects of Overexposure:EYE: EXP

OSURE TO PRODUCT MAY CAUSE SEVERE

IRRITATION. SKIN: EXPOSURE TO PRODUCT MAY CAUSE SEVERE IRRITATION AND BURNS. INGESTION: MATERIAL CAN BE HARMFUL IF INGESTED.

INHALATION: VAPORS AND MISTS ARE EXTREMELY CORROSIVE TO THE NOSE AND THROAT.

Medical Cond Aggravated by Exposure:NOT PROVIDED BY MANUFACTURER

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

First Aid:EYE: FLUSH EYES WITH WATER FOR 30 MINS LIFTING UPPER AND LOWER LIDS OCCASIONALLY. GET MEDICAL ATT

ENTION. SKIN: REMOVE

CONTAMINATED CLOTHING AND SHOES, WASH BEFORE REUSE. WASH SKIN WITH WATER FOR 30 MI NS. GET MEDICAL ATTENTION. INGESTION: DRINK LARGE QUANTITIES OF WATER. AVOID ALCOHOL. GET MEDICAL ATTENTION.

INHALATION: MOVE INDIVIDUAL TO FRESH AIR. ADMINISTER ARTIFICIAL RESPIRATION IF NOT BREATHIN G. GET MEDICAL ATTENTION.

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

Flash Point:NONE

Extinguishing Media:DRY CHEMICAL OR CO2

Fire Fighting Procedu

res:NONE

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:SMALL AND LARGE SPILLS: DILUTE SPILLS WITH WATER AND NEUTRALIZE WITH LIME, SODA ASH OR BICARB OF SODA.

Neutralizing Agent:NEUTRALIZE WITH LIME, SODA ASH OR BICARB OF SODA.

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

Handling and Storage Precautions:DO NOT CUT, WELD, OR PUNCTURE CONTAINER. DO NOT CONTAMINATE WATER, FOOD, OR FE

ED BY STORAGE OR  
DISPOSAL.

Other Precautions:KEEP OUT OF THE REACH OF CHILDREN.

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

Respiratory Protection:NOT PROVIDED BY MANUFACTURER  
Ventilation:MAINTAIN ADEQUATE VENTILATION  
Protective Gloves:RUBBER GLOVES  
Eye Protection:FACE SHIELD OR SAFETY GOGGLES  
Other Protective Equipment:NOT PROVIDED BY MANUFACTURER  
Work Hygienic Practices:WASH HANDS BEFORE EATING OR SMOKING.  
Supplemental Safety and Health  
NOT PROVIDED BY MANUFACTURE  
R

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

HCC:C1  
Boiling Pt:=110.C, 230.F  
Vapor Pres:30 (MM HG @ 20 DEG C)  
Spec Gravity:1.07 (H2O=1)  
Solubility in Water:COMPLETE  
Appearance and Odor:AMBER, ODORLESS  
Percent Volatiles by Volume:0.78

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

Stability Indicator/Materials to Avoid:YES  
CAUSTICS AND ALKALINES  
Stability Condition to Avoid:NOT PROVIDED BY MANUFACTURER  
Hazardous Decomposition Products:HYDORGEN CH  
LORINE GAS  
Conditions to Avoid Polymerization:WILL NOT OCCUR

===== Toxicological Information =====

Toxicological Information:NOT PROVIDED BY MANUFACTURER

===== Ecological Information =====

Ecological:NOT PROVIDED BY MANUFACTURER

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL STATE AND  
FEDERAL REGULATIONS. WASTE DISPOSAL METHOD - PLASTIC: TRIPLE RI

NSE  
(OR EQUIVALENT) THEN OFFER FOR RECYCLING OR RECONDITIONING.

===== MSDS Transport Information =====

Transport Information:CONTAINER SIZE LESS THAN 1.3 GALLONS: SCONE  
REMOVER (ORM-D). CONTAINER SIZE GREATER THAN 1.3 GALLONS:  
HYDROCHLORIC ACID SOLUTION, 8, UN1789, PGIII.

===== Regulatory Information =====

SARA Title III Information:NOT PROVIDED BY MANUFACTURER  
Federal Regulatory Information:NOT PROVIDED BY MANUFACTURER  
RER  
State Regulatory Information:NOT PROVIDED BY MANUFACTURER

===== Other Information =====

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.