

SPARTAN CHEMICAL CO INC -- GERMICIDAL BOWL CLEANSE -- 7930-01-104-1222

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

Product ID:GERMICIDAL BOWL CLEANSE

MSDS Date:07/13/1993

FSC:7930

NIIN:01-104-1222

MSDS Number: CCKBT

=== Responsible Party ===

Company Name:SPARTAN CHEMICAL CO INC

Address:110 N WESTWOOD AVE

City:TOLEDO

State:OH

ZIP:43607-3340

Country:US

Info Phone Num:419-531-5551

Emergency Phone Num:419-5

31-5551

Preparer's Name:THOMAS J. MITCHELL

CAGE:23212

=== Contractor Identification ===

Company Name:SPARTAN CHEMICAL CO INC. IPG INDUSTRIAL PRODUCTS GROUP

Address:110 N WESTWOOD AVE

Box:City:TOLEDO

State:OH

ZIP:43607

Country:US

Phone:800-537-8990/419-531-5551

CAGE:23212

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

Ingred Name:HYDROGEN CHLORIDE (HYDROCHLORIC ACID) (SARA 302/313)
(CERCLA)

CAS:7647-01-0

RTECS #:MW4025000

Fraction by Wt: 23.0%

Other REC Limits:CEILING

7 MG/M3
OSHA PEL:NOT EST.
ACGIH TLV:NOT EST.
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:TLV = 5 PPM
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:AVOID BREATHING FUMES. PRODUCT
CORROSIVE TO SKIN, EYES, RESPIRATORY TRACT. HARMFUL OR FATAL IF
SWALLOWED.

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

First Aid:EYES: WASH W/WATER 15 MINUTES. REMOVE CONTACTS. GET PROMPT
MEDICAL AID. SKIN: WIPE OFF ACID GENTLY & IMMEDIATELY FLOOD SURFACE
W/WATER USING SOAP FREELY. COVER W/MOIST MAGNESIA OR BAKING SODA.
INGESTION: CALL DR IMMEDIATELY. DRINK TEASPOON OR MORE MAGNESIA,
CHALK, PIECES OF SOAP SOFTENED W/WATER/MILK/RAW EGG WHITE. CALL DR
IMMEDIATELY.

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

Flash Point:NONE
Lower Limits:NA
Upper Limit
s:NA
Extinguishing Media:NA
Fire Fighting Procedures:NONE
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:SMALL AMOUNTS MAY BE FLUSHED INTO SANITARY
SEWER. LARGE AMOUNTS SHOULD BE PICKED UP W/ABSORBENT. MADE FOR ACID
CONTAMINANT & DISPOSAL OF IN ACCORDANCE W/STATE, LOCAL REGULATIONS.

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

Handling and Storage Precautions:ADD MATERIAL ONLY TO W

ATER. MAY CAUSE

FIRE OR EXPLOSION IF MIXED W/OTHER CHEMICALS.

Other Precautions:NONE

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

Respiratory Protection:NOT REQUIRED

Ventilation:GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT FOR MOST
CONDITIONS. LOCAL EXHAUST MAY BE NECESSARY FOR SOME OPERATIONS.

Protective Gloves:RUBBER OR ACID RESISTANT

Eye Protection:GOGGLES OR FACE SHIELD

Other Protective Equipment:UNDER CERTAIN CONDITIONS, ACID RESISTANT
APRONS & BOOTS SU

GGESTED.

Supplemental Safety and Health

NK

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

Boiling Pt:B.P. Text:220F,104C

Vapor Pres:10.0

Spec Gravity:1.114

pH:0-1

Evaporation Rate & Reference: