

OCTAGON PROCESS,INC -- O-H-765C AM.2 ;HYDROCHLORIC ACID TECHNICAL -- 6810-00-823-8010

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Product Identification
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Product ID:O-H-765C AM.2 ;HYDROCHLORIC ACID TECHNICAL

MSDS Date:01/01/1987

FSC:6810

NIIN:00-823-8010

MSDS Number: BFRDB

=== Responsible Party ===

Company Name:OCTAGON PROCESS,INC

Address:596 RIVER ROAD

City:EDGEWATER

State:NJ

ZIP:07020-1105

Country:US

Info Phone Num:201-945-940

0

Emergency Phone Num:201-945-9400

CAGE:DO973

=== Contractor Identification ===

Company Name:OCTAGON PROCESS INC.

Address:596 RIVER ROAD

Box:City:EDGEWATER

State:NJ

ZIP:07020

Country:US

Phone:201-945-9400

CAGE:82925

Company Name:OCTAGON PROCESS,INC.

Address:596 RIVER ROAD

City:EDGEWATER

State:NJ

ZIP:07020-1105

Country:US

Phone:201-945-9400

CAGE:DO973

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Composition/Information on Ingredients
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Ingred Name:HYDROGEN CHLORIDE (HYDROCHLORIC ACID) (SARA III)

CAS:7647-01-0

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TECS #:MW4025000
Fraction by Wt: 31.5%
OSHA PEL:C 5 PPM
ACGIH TLV:C 5 PPM; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:LD50 ORAL RBT IS 900MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:**CORROSIVE** EYES:MAY CAUSE SEVERE
IRRITATION,BURNS AND POSSIBLE PERMANENT VISUAL IMPAIRMENT.SKIN:MAY
CAUSE SEV
ERE IRRITATION,BURNS AND ULCERATIONS.INGEST:MAY CAUSE
SEVERE GI TRACT IRRITATION.INHAL:M AY CAUSE SEVERE RESPIRATORY
IRRITATION.CHRONIC:MAY DAMAGE LUNGS AND TEETH AND CAUSE DERMATITIS.
Explanation of Carcinogenicity:HYDROCHLORIC ACID IS CLASSIFIED
IARC-3(INSUFFICIENT EVIDENCE-HUMAN).
Effects of Overexposure:SEVERE SKIN BURNS,IRRITATE EYES & BURN
RESPIRATORY TRACT CAUSE CHOKING,NAUSEA,CHILLS,FEVER
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN AND
RESPIRATO
RY AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND
WATER.GET MEDICAL ATTENTION.EYES:FLUSH WITH WATER FOR 15
MINUTES.GET MEDICAL ATTENTION.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN
OR ARTIFICIAL RESPIRAT ION IF NEEDED.GET MEDICAL
ATTENTION.INGEST:DO NOT INDUCE VOMITING.GET PROMPT QUALIFIED
MEDICAL ATTENTION.IF CONSCIOUS,GIVE WATER OR MILK OR MAGNES
IA.

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

Flash Point:NONE
Extinguishing Media:USE WATER IN CASE OF FIRE
Fire Fighting Procedures:WEAR CHEM PROT. SUIT WITH SCBA. COOL CONTRS
WITH H2O.
Unusual Fire/Explosion Hazard:HYDROCHLORIC ACID REACTS WITH STEEL &
MOST COMMON METALS TO PRODUCE HYDROGEN GAS WHICH IS EXPLOSIVE

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES. STOP LEAK W/O
RISK

. EVACUATE AREA. SM SPILL:ABSORB WITH INERT ABSORBENT,FLUSH AREA WITH WATER. LG SPILL:NEUTRALIZE WITH SODA ASH. FLUSH NEUTRALIZED SOLUTION TO SEWER IN ACC ORDANCE WITH INTERNATIONAL FED,STA, & LOCAL REGS.

Neutralizing Agent:SODA ASH,SLAKED LIME.

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

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE.AVOID ANY PHYSICAL CONTACT. KEEP CONTAINERS TIGHTLY CLOSED

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er Precautions:STORE AWAY FM OXIDIZERS.AVOID EXCESSV HEAT.AVOID BREATHING VAPORS & FUMES.AVOID SKIN,EYES & CLOTHING CONTACT.

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE EITHER A SELF-CONTAINED BREATHING APPARATUS OR A NIOSH/MSHA APPROVED RESPIRATOR FOR ACID GAS,DEPENDING ON THE AIRBORN CONCENTRATION.

Ventilation:LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL) VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves:RUBBER

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Protective Equipment:RUBBER APRONS,BODY PROTECTION

CLOTHING.PROVIDE LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.

Supplemental Safety and Health

MSDS UPDATED:12/30/86

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

HCC:

C1

Boiling Pt:B.P. Text:230F,110C

Vapor Pres:21

Vapor Density:1.26

Spec Gravity:1.16

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, COLORLESS TO SLIGHT YELLOW, FUMING LIQUID WITHA PUNGENT ODOR.

Percent Volatiles by Volume:69

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

Stability Indicator/Materials to Avoid:YES

ORGANIC MATERIALS,COMBUSTIBLES,WATER,AKALINE MATERIALS OXIDI

Stability Condition to Avoid:HEAT/EXTREME TEMPERATURES

Hazardous Decomposition Products:

HYDROGEN & CHLORINE GAS OR THRM
DECOMPOSITION

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.ADD SLOWLY TO A LARGE AMOUNT OF SOLUTION OF SODA ASH & SLAKED LIME BY STIRRING.DISCHARGE WITH LARGE AMOUNT OF WATER INTO AN APPROVED D ISPOSAL AREA.

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