

WEYERHAEUSER CO -- MURIATIC ACID 20 BAUME -- 6810-00-236-5665

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Product Identification
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Product ID:MURIATIC ACID 20 BAUME

MSDS Date:01/11/1994

FSC:6810

NIIN:00-236-5665

MSDS Number: BWDTM

=== Responsible Party ===

Company Name:WEYERHAEUSER CO

City:TECOMA

State:WA

ZIP:98477

Country:US

Info Phone Num:206-924-3865

Emergency Phone Num:206-924-5000

CAGE:WEYER

=== Contractor Identification ===

Company Name:WEYERHAEUSER CO

Box:708

City:PHILADELPHIA

State:MS

ZIP:39350

Country:US

Phone:206-924-2156

CAGE:WEYER

Company Name:WEYERHAEUSER CO/SHIP CONTAINR & CONTAINERBOARD DIV

Box:City:TACOMA

State:WA

ZIP:98401

Country:US

CAGE:06740

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Composition/Information on Ingredients
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Ingred Name:HYDROGEN CHLORIDE (HYDROCHLORIC ACID) (SARA 302/313)
(CERCLA)

CAS:7647-01-0

RTECS #:MW4025000

Fraction by Wt: 31.6%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:C 5 PPM

ACGIH TL

V:C 5 PPM; 9495
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:TLV: C 5 PPM.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

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

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY & GI TRACTS. ACUTE- CORROSIVE. CAN CAUSE EYES, SKIN, RESPIRATORY & GI TRACTS SEVERE IRRITATION & BURNS. MAY CAUSE BLINDNESS. IF INGESTED, CAUSES SE

VERE BURNS & PA IN OF GI TRACTS. IF INHALED DEEPLY, EDEMA OF LUNGS MAY OCCUR. CHRONIC- SKIN IRRITATION, LUNG INFLAMMATION.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:SEVERE EYES, SKIN, RESPIRATORY AND GASTROINTESTINAL TRACTS IRRITATION AND BURNS, COUGHING, CHOKING, CHEST PAIN, DIFFICULTY IN BREATHING, DIFFICULTY IN SWALLOWING, SEVERE ABDOMINAL PAIN, NAUSEA, VOMITI NG, DIARRHEA, COLLAPSE AND UNCONSCIOUSNESS

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN

DISORDERS, EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION SUCH AS ASTHMA, BRONCHITIS, EMPHYSEMA MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:GET MEDICAL CARE IMMEDIATELY IN ALL CASES. SPEED IS ESSENTIAL TO AVOID BLINDNESS. EYES/SKIN:IMMEDIATELY FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES. KEEP EYELIDS OPEN. INHALED:REMOVE TO FRESH AIR . PROVIDE CPR/OXYGEN IF N

EEDED. ORAL:IFCONSCIOUS, DRINK SEVERAL GLASSES OF MILK OR WATER. DO NOT INDUCE VOMITING. IF VOMITING OCCURS SPONTANEOUSLY, KEEP AIRWAY CLEAR.

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

Flash Point:NONE

Extinguishing Media:USE CARBON DIOXIDE, DRY CHEMICAL OR FOAM. COOL CONTAINERS EXPOSED TO FIRE WITH WATER SPRAY. DO NOT USE WATER.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL F

ACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:MAY FORM FLAMMABLE/EXPLOSIVE HYDROGEN GAS UPON CONTACT WITH MOST METALS. ADDITION OF WATER MAY CAUSE VIOLENT REACTION. CLOSED CONTAINER MAY RUPTURE.

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

Spill Release Procedures:WEAR PROPER PROTECTIVE EQUIPMENT. VENTILATE AREA. DO NOT RELEASE INTO SEWER. REMOVE LARGE SPILLS WITH PUMP. NEUTRALIZE SMALL SPILLS WITH SODA ASH OR LIME. WITH C

LEAN SHOVEL,

PLACE MATERIAL INTO CLEAN CONTAINER FOR DISPOSAL. WASH SPILL AREAWITH WATER

Neutralizing Agent:SODA ASH (SODIUM CARBONATE), LIME (CALCIUM HYDROXIDE), LIMESTONE (CA CARBONATE)

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

Handling and Storage Precautions:STORE IN COOL, WELL VENTILATED PLACE, IN CORROSION-PROOF AREA, AWAY FROM INCOMPATIBLES. KEEP CONTAINERS TIGHTLY CLOSED. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:DANGER! CORROSIVE.

DO NOT GET IN EYES, ON

SKIN/CLOTHING. AVOID BREATHING VAPORS/MIST/GAS. USE WITH ADEQUATE VENTILATION. PROTECT CONTAINERS AGAINST PHYSICAL DAMAGE. USE NON-SPARKING TOOLS AROUND CONTAINERS WHERE HYDROGEN GAS MAY BE PRESENT.

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

Respiratory Protection:USE A NIOSH-APPROVED RESPIRATOR WHERE GAS/SPRAY MAY BE GENERATED. WEAR NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS OPERATED IN POSITIVE PRESSURE MODE WHEN PERMISSIBLE

EXPOSURE LIMITS ARE EXCEED D OR UNKNOWN.

Ventilation:PROVIDE GENERAL VENTILATION OR LOCAL EXHAUST TO MEET OSHA PERMISSIBLE EXPOSURE LIMITS (OSHA PEL).

Protective Gloves:NATURAL RUBBER OR NEOPRENE

Eye Protection:CHEMICAL SAFETY GOGGLES AND FACE SHIELD

Other Protective Equipment:USE RUBBER SPLASH APRON AND RUBBER BOOTS. EYEWASH AND SAFETY SHOWER SHOULD BE LOCATED NEARBY.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING.

Supplemental

Safety and Health

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

HCC:C1

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:176F,80C

Melt/Freeze Pt:M.P/F.P Text:-49F,-45C

Vapor Pres:19 @ 68F

Vapor Density:1.3

Spec Gravity:1.16

pH: