

Globally Harmonized System (GHS) of Labeling

Current Label

DANGER!
CORROSIVE LIQUID
LIQUID, MIST, AND VAPOR CAUSE SEVERE BURNS TO ALL BODY TISSUE. MAY BE HARMFUL OR FATAL IF SWALLOWED OR INHALED. VAPOR EXTREMELY IRRITATING. INHALATION MAY CAUSE LUNG DAMAGE. CORROSIVE TO METALS.

PRECAUTIONARY MEASURES: Do not get into eyes, on skin or clothing. Avoid prolonged or repeated skin exposures. Avoid breathing vapors, spray or mist. Do not take internally. Keep container closed when not in use. Wash thoroughly after handling. Consult Material Safety Data Sheet for additional information on safe use, handling, clean-up and disposal.

FIRST-AID: Seek medical attention immediately after any overexposure. Skin or Eye Contact - In case of contact, immediately flush area for 15 minutes while removing contaminated clothing and shoes. Inhalation - If inhaled, move victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Ingestion - If ingested, do not induce vomiting. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person.

TARGET ORGANS: Skin, eyes, respiratory system, teeth.

IN CASE OF FIRE: Use water fog, "alkohol" foam, CO2 or dry chemical.

IN CASE OF SPILL: Releases should be cleaned-up by trained personnel in appropriate personal protective equipment. Use neutralizer for acids (e.g., soda ash). Place residue in suitable container. Clean-up spills promptly.

HANDLING INSTRUCTIONS: When handling, wear chemical splash goggles, face shield, gloves (neoprene or Buna-N) and protective clothing. Provide local or general exhaust systems. Use NIOSH/MSHA approved respiratory protection if exposed to mist or sprays above OSHA-recommended exposure limits (refer to Material Safety Data Sheet). Avoid splattering by adding this solution to water slowly. Do not transfer to unlabeled containers.

STORAGE INSTRUCTIONS: Store away from strong bases and metals. Keep container out of sun and away from heat.

ADDITIONAL INFORMATION: Dispose of product in accordance with Federal, State and local requirements.

Hazardous Materials Information System Rating: 3 (health) - 0 (fire) - 0 (reactivity) - C, D, H (eye, hand, body, respiratory protection, as needed for specific operations)

PURITAN PRODUCTS
Custom Formulated and Specialty Chemicals

HYDROCHLORIC ACID
36.5-38.0%
A.C.S. Reagent
UN 1789
HCl CAS 7647-01-0 F.W. 36.46

FACE SHIELD, SPLASH GOGGLES, PROPER GLOVES, LAB COAT & APRON, EXHAUST VENTILATION

STORAGE INFORMATION:
Corrosive Liquids Area
Storage Code Color: White

KEEP OUT OF REACH OF CHILDREN!
INDUSTRIAL USE ONLY!

CORROSIVE
8

DOT Basic Description:
UN 1789, Hydrochloric Acid, 8, PG II

A.C.S. Specifications 2612

Assay (HCl).....36.5-38.0%
Color (APHA).....10 max
Appearance.....Free from suspended matter or sediment.

MAXIMUM LIMITS OF IMPURITIES

Residue after Ignition.....5 ppm
Bromide (Br).....0.005%
Sulfate (SO4).....1 ppm
Sulfide (S2).....1 ppm
Extractable Organic Substances.....5 ppm
Free Chlorine (Cl).....1 ppm
Ammonium (NH4).....5 ppm
Arsenic (As).....0.01 ppm
Heavy Metals (as Pb).....1 ppm
Iron (Fe).....0.2 ppm

LOT NO.: 26120491501

NET CONTENTS: 4 x 10 lbs

PURITAN PRODUCTS
Custom Formulated and Specialty Chemicals
2290 AVENUE A BETHLEHEM, PA 18017
610-866-4225

FOR TRANSPORTATION EMERGENCY ASSISTANCE
CALL CHEMTREC 800-424-9300

FOR HEALTH EMERGENCIES
CALL LOS ANGELES POISON INFORMATION CENTER
800-366-3129

FOR HAZARDOUS MATERIALS EMERGENCY CALL
800-438-6917

New GHS Label

DANGER!
CAUSES SEVERE SKIN BURNS AND EYE DAMAGE. MAY CAUSE RESPIRATORY IRRITATION. MAY CAUSE DROWSINESS OR DIZZINESS.

1 Avoid breathing dust/fume/gas/mist/vapors/spray. Wear protective gloves/ protective clothing eye protection/ face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Refer to SDS for additional information.

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PURITAN PRODUCTS

HYDROCHLORIC ACID
36.5-38.0%
ChemPUR™ ACS Reagent
HCl CAS 7647-01-0 F.W. 36.46

UN 1789

KEEP OUT OF REACH OF CHILDREN!
FOR INDUSTRIAL USE ONLY!

DOT Basic Description:
UN 1789, Hydrochloric Acid, 8, PG II

LOT 26120411501

Net Contents 4 x 10 Lbs

Exp. Date 02/28/2017

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Product of U.S.A.

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- 1 Hazard & Precautionary Statements
- 2 GHS Hazard Pictograms
- 3 Brand / Purity Designation
- 4 UN Number $\geq 1/2$ inch
- 5 Product Code
- 6 Expiration Date
- 7 Country of Origin