

Material Safety Data Sheet

CIP Acid 1020



Revision Date: 08-Jan-08

24-HOUR EMERGENCY 1-800-255-3924 (U.S.) 001-813-248-0585 (International)

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: CIP Acid 1020
General Description: Concentrated Inorganic Acid Cleaner
Company Information: PureLabs LLC
1919 S. Stoughton Rd
Madison WI 53716
USA
1-608-222-3484

SECTION 2 - COMPOSITION/IDENTITY INFORMATION

Hazardous Ingredients	CAS Number	%
Nitric Acid	7697-37-2	15 - 40
Phosphoric Acid	7664-38-2	15 - 40

SECTION 3 - HAZARDS IDENTIFICATION

This product can cause irritation to eyes, skin, upper respiratory tract and mucous membranes. May be fatal if swallowed.

SECTION 4 - FIRST AID MEASURES

If in Eyes:

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present after the first 5 minutes, then continue rinsing. Contact a physician immediately.

If Swallowed:

Have person sip a glass of water if able to swallow. Do not give anything to an unconscious person. Do not induce vomiting. Contact a physician immediately.

If Breathing Difficulty Occurs:

Move person to fresh air. Contact a physician immediately.

If on Skin:

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Contact a physician immediately.

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SECTION 5 - FIRE FIGHTING MEASURES

This product is not flammable. Wear self-contained breathing apparatus and protective gear to prevent skin contact with corrosive solutions.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Contain spills and dispose of according to federal and local regulations.

SECTION 7 - HANDLING AND STORAGE

Handling: Use proper personal protective equipment as indicated in Section 8. Do not get in eyes, on skin, or on clothing. Use only in well-ventilated areas.

Storage: Store in a closed container away from sources of heat. If product becomes frozen, thaw and mix well before use.

SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

If exposure limits listed in Section 11 are exceeded, use appropriate personal protective equipment.



SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, red liquid
Odor: Mild
Specific Gravity: 1.25
pH (as is): < 2
Solubility in Water: Complete at recommended dilutions.

Note: The above properties are typical values and are not to be construed as a guaranteed analysis for any specific lot or as specifications for the product.

SECTION 10 - STABILITY AND REACTIVITY

Stability: Stable under ordinary conditions of use and storage.
Hazardous Decomposition Products: None known.
Hazardous Polymerization: Will not occur.
Incompatibilities: Concentrated alkalis, soft metals, or chlorinated compounds
Conditions to avoid: Contact with alkaline materials and reactive metals may react to produce hydrogen gas that can produce an explosive in confined vessels.

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SECTION 11 - TOXICOLOGICAL INFORMATION

Chemical Name	OSHA Permissible Exposure Limit (PEL)	ACGIH Threshold Limit Value (TLV)
Nitric Acid	5 mg/m3	5 mg/m3
Phosphoric Acid	1 mg/m3	1 mg/m3

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: This product is expected to be fatal to aquatic life.

Environmental fate: No data available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations.

SECTION 14 - TRANSPORTATION INFORMATION

U.S. Department of Transportation (DOT) Classification:

Proper Shipping Name: Corrosive Liquid, Acidic, Inorganic NOS (Phosphoric Acid, Nitric Acid)

Hazard Class: 8

UN Number: 3264

Packing Group: II

Canadian Transportation of Dangerous Goods (TDG) Regulations:

Identical to U.S. DOT above.

International Maritime Dangerous Goods (IMDG) Code:

Identical to U.S. DOT above.

International Air Transport Association (IATA) Dangerous Goods Regulations:

Identical to U.S. DOT above.

SECTION 15 - REGULATORY INFORMATION

Hazard Symbol(s): Corrosive

Risk Phrase(s): R21 Harmful if in contact with skin.

R22 Harmful if swallowed.

R34 Causes Burns

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SECTION 16 - OTHER INFORMATION

Reason for Revision: New Product

Prepared by: PureLabs LLC Chemical Research and Development

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