

MATERIAL SAFETY DATA SHEET

All Clear Solution #3 Acid Demand & Total Alkalinity

1. Product And Company Identification

Supplier Valterra Products, Inc. 15230 San Fernando Mission Blvd. Suite 107 Mission Hills, CA 91345 USA Telephone Number: (818)898-1671 Company Code : E392	Manufacturer Valterra Products, Inc. 15230 San Fernando Mission Blvd. Suite 107 Mission Hills, CA 91345 USA Telephone Number: (818)898-1671
Supplier Emergency Contacts & Phone Number CHEMTREC - DAY OR NIGHT: (800)424-9300	Manufacturer Emergency Contacts & Phone Number CHEMTREC - DAY OR NIGHT: (800)424-9300

Issue Date: 12/05/2006

Product Name: All Clear Solution #3 Acid Demand & Total Alkalinity

Chemical Name: Hydrochloric Acid

CAS Number: Not Established

Chemical Family: Acid Mixture

Chemical Formula: Proprietary

MSDS Number: 151

Product Code: Proprietary

Products

B7043.6

2. Composition Information On Ingredients

Ingredient Name	CAS Number		Percent Of Total Weight
HYDROCHLORIC ACID	7647-01-0	<	0.1

Ingredients listed in this section have been determined to be hazardous as defined in 29CFR 1910.1200. Materials determined to be health hazards are listed if they comprise 1% or more of the composition. Materials identified as carcinogens are listed if they comprise 0.1% or more of the composition. Information on proprietary materials is available in 29CFR 1910.1200(i)(1).

Hazards Identification (Pictograms)



3. Hazards Identification

Primary Routes(s) Of Entry

Eye Contact, Skin Contact.

Eye Hazards

Causes severe eye burns.

Skin Hazards

Causes severe skin burns.

Inhalation Hazards

Corrosive to living tissue.

MATERIAL SAFETY DATA SHEET
All Clear Solution #3 Acid Demand & Total Alkalinity

3. Hazards Identification – Continued

Inhalation Hazards

May cause severe allergic respiratory reaction.

Signs And Symptoms

Irritation of Eyes, Skin and Respiratory Passages.

First Aid (Pictograms)



4. First Aid Measures

Eye

In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Call a physician or a poison control center immediately.

Skin

Rinse the affected area with tepid water for at least 15 minutes. Get medical attention immediately if irritation (redness, rash, blistering) develops and persists.

Ingestion

DO NOT INDUCE VOMITING. Drink large amounts of water. Contact a physician or poison control.

Inhalation

If inhaled, remove to fresh air. If breathing is difficult, give oxygen. Call a physician or a poison control center immediately.

Fire Fighting (Pictograms)



5. Fire Fighting Measures

Flash Point: N/A °F

Extinguishing Media

Use the appropriate extinguishing media for the surrounding fire.

Fire Fighting Instructions

Water can be used to cool and protect exposed material. Firefighters should wear self-contained breathing apparatus and full protective gear.

6. Accidental Release Measures

Neutralize spill area with soda ash or lime. Flood with water. Use appropriate containers to avoid environmental contamination. Use appropriate personal protective equipment (PPE).

7. Handling And Storage

Handling And Storage Precautions

Keep out of reach of children. Do not store with alkalis.

Handling Precautions

Avoid contact with eyes. Avoid contact with skin and clothing. Wash thoroughly after handling.

MATERIAL SAFETY DATA SHEET
All Clear Solution #3 Acid Demand & Total Alkalinity

7. Handling And Storage - Continued

Storage Precautions

Avoid contact with Alkalis, Amines, and Metals. Keep out of reach of children.

Work/Hygienic Practices

Use safe chemical handling procedures suitable for the hazards presented by this material.

Protective Clothing (Pictograms)



8. Exposure Controls/Personal Protection

Engineering Controls

Local exhaust acceptable. Special exhaust not required.

Eye/Face Protection

Safety glasses with side shields or goggles recommended.

Skin Protection Chemical-resistant gloves.

Respiratory Protection

None normally required.

Ingredient(s) - Exposure Limits

HYDROCHLORIC ACID

ACGIH TLV-CEILING 5 ppm

OSHA PEL-CEILING 5 ppm

9. Physical And Chemical Properties

Appearance

Clear liquid

Odor

Mild

Chemical Type: Mixture

Physical State: Liquid

Melting Point: n/a °F

Boiling Point: 212 °F

Specific Gravity: 1.1-1.2

Percent Volitales: NOT DETERMINED

Packing Density: NOT DETERMINED

Vapor Pressure: NOT DETERMINED

Vapor Density: >1

pH Factor: 0-2

Solubility: Soluble in Water

Viscosity: NOT DETERMINED

Evaporation Rate: <1

10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

MATERIAL SAFETY DATA SHEET
All Clear Solution #3 Acid Demand & Total Alkalinity

10. Stability And Reactivity - Continued

Conditions To Avoid (Stability)

Avoid contact with strong Amines, Alkalis, and Metals. Heat can cause hydrogen chloride.

Incompatible Materials Alkalis,
Amines and Metals

Hazardous Decomposition Products

Hydrogen Chloride

11. Toxicological Information

No Data Available...

12. Ecological Information

No Data Available...

13. Disposal Considerations

Refer to applicable federal, state, and local regulations prior to disposition of container and residual contents.

14. Transport Information

Proper Shipping Name

Hydrochloric Acid solution

Hazard Class

8, PGIII (<1L Consumer Commodity ORM-D)

DOT Identification Number

JN1789

DOT (Pictograms)



15. Regulatory Information

Ingredient(s) - U.S. Regulatory Information

HYDROCHLORIC ACID
SARA Title III - Section 313 Form "R"/TRI Reportable Chemical
SARA - Acute Health Hazard

Ingredient(s) - State Regulations

HYDROCHLORIC ACID
New Jersey - Workplace Hazard New Jersey - Environmental Hazard New Jersey - Special Hazard
New Jersey - TCPA Extraordinarily Hazardous Substance
Pennsylvania - Workplace Hazard
Pennsylvania - Environmental Hazard
Massachusetts - Hazardous Substance
New York City - Hazardous Substance

Canadian Regulatory Information

Class D, Div 1a - Poisonous or Infectious Material: immediate and serious toxic effects
Class D, Div 2a - Poisonous or Infectious Material: other toxic effects

MATERIAL SAFETY DATA SHEET
All Clear Solution #3 Acid Demand & Total Alkalinity

15. Regulatory Information - Continued

Canadian Regulatory Information - Continued

Class D, Div 2b - Poisonous or Infectious Material: other toxic effects

Class E - Corrosive Material

WHMIS - Canada (Pictograms)



NFPA



HMIS

HEALTH	2
FLAMMABILITY	0
REACTIVITY	1
PERSONAL PROTECTION	C

16. Other Information

Revision/Preparer Information

MSDS Preparer: JHW3

This MSDS Superceeds A Previous MSDS Dated: 03/05/2001

Disclaimer

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purposes(s).

Valterra Products , Inc .