



# SDS

## SAFETY DATA SHEET

Date prepared: March 31, 2016

Revision:

Supersedes:

### 1. Product and Company Identification

Company  
 VALUE PRODUCTS, INC.  
 2128 Industrial Drive  
 Stockton, CA 95206

24 Hour Emergency Response Information  
 CHEMTREC: (800) 424-9300

*PRODUCT NAME:* SCALE AWAY

*PRODUCT CODE:* 2174

*CHEMICAL NAME:* ACID – SURFACTANT BLEND

*MANUFACTURED FOR:* COMMERCIAL DISHWASHER PORTLAND, OR

### 2. Hazards Identification

*EMERGENCY OVERVIEW:* DANGER, CORROSIVE. Can cause severe burns to skin, eyes and mucous membranes.

#### ***SIGNS AND SYMPTOMS OF EXPOSURE (SKIN, EYE CONTACT; INHALATION; INGESTION)***

*EYE CONTACT* : Severe irritation and possible tissue burns, permanent eyes damage, or blindness.

*INHALATION* : Causes irritation to throat and respiratory tract. A burning sensation in the nose, throat as well as coughing and choking may be noted. Continued deep inhalation may damage lung tissues.

*INGESTION* : Ingestion causes severe swelling and severe damage to the delicate tissue and danger of perforation.

*SKIN CONTACT* : Can cause severe burns with deep ulceration and permanent scarring . It can penetrate to deeper layers of skin and corrosion will continue until removed. The severity of injury depends on the duration of exposure.

### 3. Composition/ Information on Ingredients

MATERIAL (BASED ON 100% FORMULA LEVEL)	CAS#	% WEIGHT
HYDROCHLORIC ACID CONC.	7641-01-0	<25 %

### 4. First Aid Measures

*EYE CONTACT* : Immediately flush eyes with lots of running water for 15 minutes, lifting the upper and lower eyelids to ensure flushing of the entire surface. Seek medical attention immediately.

*INHALATION* : Remove to fresh air. Get medical attention as soon as possible.

*INGESTION* : If swallowed, do not induce vomiting. Get medical attention immediately. If victim is fully conscious, give plenty of water to drink. Never give anything by mouth to an unconscious person.

*SKIN CONTACT* : Wash skin with lots of soap and water. Remove contaminated clothing and shoes. Wash before reuse. If irritation occurs and persists, seek medical attention as needed.

## 5. Fire Fighting Measures

**FIRE FIGHTING METHOD:** Move container from fire area if it can be done without risk. Cool containers with water. Avoid contact with skin and wear NIOSH approved breathing apparatus.

**EXTINGUISHING MEDIA:** Water spray, foam, carbon dioxide maybe used.

**UNUSUAL FIRE OR EXPLOSIVE HAZARD:** None known.

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## 6. Accidental Release Measures

**PERSONAL PRECAUTIONS:** Isolate area. Keep unnecessary personnel away.

**ENVIRONMENTAL PRECAUTIONS:** Keep out of sewers, storm drains, and waterways.

**CLEAN-UP PROCEDURES:** Wear protective equipment during clean-up operations. Only trained personnel should be involved. Dike the spill, pick up the bulk of the liquid using pumps or absorb the liquid with sand or a commercial absorbent. Neutralize the acidity of the remaining liquid using soda ash and then flush the spill area with water.

**RECOMMENDED WASTE DISPOSAL METHOD:** Dispose of in accordance with all applicable Federal, State and Local regulations.

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## 7. Handling and Storage

**HYGIENIC PRACTICES IN HANDLING AND STORING:** Wash thoroughly after handling. Avoid body contact.

**PRECAUTION TO BE TAKEN IN HANDLING AND STORING:** Store in original container at cool, dry, well ventilated areas. Avoid any contamination to food lines. Store away from strong bases.

**DISPOSAL OF EMPTY CONTAINER:** Empty containers should be tripled rinsed with water and disposed of pursuant to Local, State, and Federal requirements.

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## 8. Exposure Controls / Personal Protection

**RESPIRATORY PROTECTION :** NIOSH approved respirator for organic vapor/ mists.  
NIOSH- MSHA approved self- contained breathing apparatus is recommended if vapors level exceeds TLV.

**EYE PROTECTION :** Safety Goggles or Full face shield.

**PROTECTIVE CLOTHING :** Rubber gloves, Boots, Full length clothing.

**VENTILATION :** Local exhaust

**OTHER PROTECTIVE MEASURES:** Eyewash fountain and safety shower should be nearby and ready for use.

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## 9. Physical and Chemical Properties

**BOILING POINT:** >200 °F

**FREEZING/MELTING POINT:** Unknown

**VAPOR PRESSURE: (AIR=1):** >1

**EVAPORATION RATE (WATER =1):** >1

**PH CONCENTRATE:** 1.0 +/- 0.2

**SPECIFIC GRAVITY:** 1.130 +/-0.2

**DESCRIPTION:** Clear brown solution, pungent odor

**VOLATILE:** 76 %

**FLASH POINT:** Non-combustible

**VAPOR DENSITY:** Unknown

**SOLUBILITY IN WATER:** Complete

**VISCOSITY:** 25 CPS @ 68 °F

**METHOD USED:** Koehler CC

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## 10. Stability and Reactivity

**STABILITY:** Stable

**INCOMPATIBILITY (MATERIALS TO AVOID):** React violently with strong alkalies. Contact with reactive metals such as aluminum to produce flammable/ explosive hydrogen air mixture.

**POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** Hot storage.

**HAZARDOUS DECOMPOSITION:** Unknown.

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## 11. Toxicological Information

*ROUTES OF ENTRY:* Absorbed through skin. Inhalation. Ingestion.

*CARCINOGEN:* There is no evidence this product poses a carcinogenic risk under normal conditions of handling or use.

*ACUTE EYE IRRITATION:* Unknown

*ACUTE SKIN IRRITATION:* Unknown

*ACUTE DERMAL TOXICITY:* Unknown

*ACUTE RESPIRATORY IRRITATION:* Unknown

*ACUTE INHALATION TOXICITY:* Unknown

*ACUTE ORAL TOXICITY:* Unknown

*CHRONIC TOXICITY:* Unknown

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## 12. Ecological Information

*ECO-TOXICOLOGICAL INFORMATION:* Unknown

*CHEMICAL FATE INFORMATION:* Unknown

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## 13. Disposal Considerations

### **Recommended Waste disposal method:**

Dispose of in accordance with all applicable Federal, State and Local regulations. Ensure that applicable agencies receive proper notification of spills and disposal methods.

### **Container disposal:**

Empty containers should be tripled rinsed with water and disposed of pursuant to Local, State, and Federal requirements.

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## 14. Transport Information

*ID NUMBER:* UN 1789

*PROPER SHIPPING NAME:* Hydrochloric Acid Solution

*HAZARD CLASS:* 8

*PACKING GROUP:* II

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## 15. Regulatory Information

**Federal Regulations:** None Known.

**State Regulations:** California Proposition 65- This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

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## 16. Other Information

*THE INFORMATION CONTAINED HEREIN, TO THE BEST OF OUR KNOWLEDGE AND BELIEF, IS ACCURATE. HOWEVER, SINCE THE CONDITIONS OF HANDLING AND USE ARE BEYOND OUR CONTROL, WE MAKE NO GUARANTEE OF RESULTS, AND ASSUME NO LIABILITY FOR DAMAGES INCURRED BY USE OF THIS MATERIAL. IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.*