

REMOVE-IT

HEAVY DUTY ACID REPLACEMENT

The most concentrated safe and effective multi purpose product which can be used to replace traditional acids such as muratic and phosphoric acids.

REMOVE-IT is classified as non-corrosive and is safe on most metals including polished aluminum and is classified as non-irritating to the skin. It is non-fuming. This product is extremely effective at removing residual concrete, mortar and insoluble salts such as calcium and magnesium. It is an excellent concrete truck and equipment cleaner. Chief Engineers use **REMOVE-IT** as a drain cleaner to remove buildup caused by urine salts. It is also great for renovating HVAC units. In addition to de-scaling and de-liming, it can be used as a tub and tile cleaner, as well as for grout and toilet bowl cleaning.

REMOVE-IT makes an excellent cleaner on any porous surface as well as brick, concrete and masonry.



REMOVE IT

For Safe Removal of Concrete, Lime, Scale and

Rust Deposits

Non-Corrosive

Non-Fuming

Phosphate Free

FOR USE BY:

Auto Mechanics
Concrete Co.
Construction
Food Refineries
Golf Courses
Heavy Equipment
Hotels/Motels
Industrial Plants
Marine Repair
Municipalities
Nursing Homes
Railroads
Refineries
Resorts
Serviceman
Trucking
Utilities

FOR USE ON:

Concrete
Brick
Tubs
A/C
Drains
Toilets
Sinks
Tile
Grout
Stainless Steel
Copper
Terrazzo
Brass
Ceramic
Stone
Vents
Showers
Floors

FEATURE-BENEFIT:

Replaces Acid
Extremely Versatile
Concentrated
Inventory Reduction
Biodegradable
Environmentally Safe
No Odor or Fumes
Non-Corrosive
Heavy Duty Cleaning
Power

DIRECTIONS:

Dilution Ratio Chart: Water to **REMOVE-IT**

Removal of Concrete, Heavy Lime, Scale and Rust Deposits

Full Strength: Up to 10:1

AC Units: Up to 10:1 to 5:1

Removal of Rust: Soak or spray at Full Strength Up to 10:1

Concrete Cleaning: Dilute up to 5 :1 Spray, Soak or Foam onto surface

TECHNICAL DATA:

Appearance and Odor: Clean Liquid and Bland Odor
Flash Point of Concentrate: Does Not Ignite
Flammability: Non-Flammable
Specific Gravity: 1.105
Viscosity: Water Thin

CONTACT INFORMATION

OFFICE:

1-888-6PURITY (678-7489)

FAX

1-877-9PURITY (978-7489)

ADDRESS:

114 SOUTHFIELD PKWY

SUITE 120

FOREST PARK GA. 30297

www.puritychemicals.com



MATERIAL SAFETY DATA SHEET

SECTION I – PRODUCT IDENTIFICATION

Product Name: Remove-It
Manufacturer / Supplier: Purity Chemicals, Inc.
 114 Southfield Pkwy., Suite 120
 Forest Park, GA 30297
 888-678-4789

Emergency Phone No.: 800-535-5053 INFOTRAC

HAZARD RATINGS NFPA HMIS DATA

HEALTH – 1 FIRE – 0 REACTIVITY – 1
 (0=MINIMAL, 1=SLIGHT, 2=MODERATE, 3=HIGH, 4=EXTREME)

SECTION II – HAZARDOUS INGREDIENTS / INFORMATION

Ingredients	CAS#	OSHA	PEL	ACGIH-TLV	OTHER STEL	%OR RNG	SK
Organic Salt	T.S.	Not Est.		Not Est.			30 – 60 %

SECTION III – PHYSICAL DATA

Boiling Point (F°): 212 **Vapor Pressure (mm Hg):** UNK. **Vapor Density (Air = 1):** UNK. **Solubility in Water:** Complete
Physical State: Liquid **Appearance, Odor:** Clear liquid with bland odor **Specific Gravity (H₂O = 1):** > 1.105
% Volatile (Wt%): Not Available **Evaporation Rate (Water = 1):** <1.0 **Melting Point:** 30 **Viscosity:** Water thin

SECTION IV – FIRE AND EXPOSITION DATA

Flash Point (F°, TCC): Does not ignite **Flammable Limits:** N/A **LEL:** N/A **UEL:** N/A **Auto Ignition Temperature (F°):** N/A

Hazardous Combustion Products: Heat, carbon dioxide, various unidentified organic compounds, hydrogen. **Means of Extinction:** Treat for surrounding fire.

Special Fire Hazards: Firefighters should wear self-contained breathing apparatus and full protective gear to protect from potentially toxic and corrosive fumes under fire conditions. **Unusual Fire and Explosion Hazards:** At temperatures above 140°F acid reaction on ferrous metals, aluminum and magnesium may release hydrogen, a highly flammable and explosive gas. Stainless steel and copper alloys do not release this gas.

Conditions for Chemical Instability: Stable up to 110°C/230°F. **Incompatibility:** Heating above 110°C/230°F results in an exothermic decomposition with rapid release of carbon dioxide gas. This can only occur if the material is evaporated to dryness first. Avoid contact with oxidizers. This material is acidic. Contact with chlorates, nitrates, hypochlorites, sulfides or cyanides could result in violent reaction and release of extremely toxic gases. Contact with alkali materials (e.g. aqua ammonia) will generate heat.

Hazardous Decomposition Products: Heat, carbon dioxide, various unidentified organic compounds, hydrogen. **Hazardous Polymerization:** Will not occur.

SECTION VI – HEALTH HAZARD DATA

Route of Entry: Eye, Skin Contact, Inhalation, Ingestion.

EFFECTS OF ACUTE AND CHRONIC EXPOSURE:

Eye: Direct contact with liquid or mists may cause irritation, burning sensation, tearing and redness. **Skin:** Non-corrosive to skin (*As described and tested in accordance with U.S. OSHA, U.S. DOT, Canada's WHMIS and TGD Standards and regulations. Classified as a mild skin irritant as per the 1992 OECD Guideline for Testing of Chemicals. No 404 "Acute Dermal Irritation/Corrosion*). Prolonged repeated contact may cause redness, burning sensation, drying and cracking of skin and dermatitis. Persons with pre-existing skin disorders may be more susceptible to these effects. **Inhalation:** While not an expected route of exposure due to the form and intended use, excessive exposure to vapors and mists may result in irritation of respiratory system. **Ingestion:** May be fatal if swallowed. May cause gastric distress, diarrhea and vomiting. **Carcinogenicity:** Ingredients not listed **Teratogenicity, Mutagenicity, Reproductive Effects:** No data available

EMERGENCY AND FIRST AID PROCEDURES:

Eye: Immediately flush eyes in clear running water for at least 15 minutes lifting upper and lower lids periodically. GET MEDICAL ATTENTION. **Skin:** Remove contaminated clothing and shoes and launder before reuse. Wash skin with soap and water for 15 minutes. If irritation results and persists, GET MEDICAL ATTENTION. **Inhalation:** Move victim to fresh air. Assist breathing if necessary. If breathing does not return to normal, GET MEDICAL ATTENTION.

Ingestion: Administer 3-4 glasses of water. Do not induce vomiting. Do not administer fluids to an unconscious person. GET MEDICAL ATTENTION IMMEDIATELY.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

Leak and Spill Procedure: Dike or otherwise contain spill to prevent spreading, contamination or food or feed, or spilled material from entering drains, sewers or waterways. Soak up with inert absorbent material such as sand, earth or sawdust and transfer to sealable container for disposal according to local, state and Federal regulations. **Waste Disposal:** Review Federal, state and local government requirements prior to disposal. Do not allow to contaminate surface waters. **Storage and Handling Requirements:** Keep out of reach of children. Store in a closed container away from incompatible materials.

SECTION VIII – CONTROL MEASURES

Gloves: Rubber or neoprene gloves recommended. **Eye Protection:** Chemical splash goggles recommended. **Respiratory Protection:** Not required for normal and intended use. If used in enclosed areas under misting conditions use NIOSH/MSMA approved CCR-OV respirator. **Other Protective Equipment:** As required to reduce or prevent exposure. **Ventilation:** As required for minimizing exposure.

SECTION IX – PREPARATION INFORMATION

Date: 06/01/2005 **MSDS Prepared by:** Chemstar Corporation **Telephone:** 1-800-327-0777

Disclaimer: THE INFORMATION CONTAINED HEREIN is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable procedures are followed.

SECTION X – ADDITIONAL INFORMATION

Environmental: Biodegradable. **Waste Disposal Method:** Dispose of in an authorized waste facility in accordance with local, state and federal regulation.

Empty Container Handling: Warning! Emptied container retains product residue. Observe all precautions even after container is emptied. Keep empty containers closed tightly.

SARA TITLE III REPORTING REQUIREMENTS

- SECTION 302 – EXTREMELY HAZARDOUS SUBSTANCES - REPORTING NOT REQUIRED
- SECTION 304 – HAZARDOUS RELEASES - REPORTING NOT REQUIRED
- SECTION 311 – COMMUNITY RIGHT TO KNOW (R-T-K) - REPORTING REQUIRED FOR INVENTORY ABOVE TPQ
- SECTION 312 – R-T-K INVENTORY DATA - REPORTING REQUIRED FOR INVENTORY ABOVE TPQ
- SECTION 313 – EMISSIONS AND RELEASE - REPORTING MAY BE REQUIRED FOR USERS WITHIN MANUFACTURING SECTOR (SIC 20-39)
- CERCLA - SAME AS SECTION 304

REFERENCES: Toxic Substance Control Act List (TSCA) – Ingredients listed. **Permissible Exposure References:** Registry of toxic effects of chemical substances; Title 29 code of federal regulations; National Toxicology Program (NTP) report of carcinogens; International Agency for Research on Cancer (IARC) monographs.

REGULATORY STANDARDS: DOT Title 49 code of federal regulations 172.101; SARA Title III; Nuclear Regulatory Agency.

DOT Shipping Name: COMPOUND, CLEANING, LIQUID, NOS (NOT DOT/IMO HAZARDOUS)
DOT Hazard Label: NONE