

GREEN ENVY MURIATIC ACID REPLACEMENT

610



GREEN ENVY MURIATIC ACID REPLACEMENT

DESCRIPTION

GREEN ENVY MURIATIC ACID REPLACEMENT is an inhibited, non-fuming hydrogen chloride solution. It produces 90% less fumes, and is safer to use than Muriatic Acid.

ITEM NUMBERS & SIZES

Quart	1-Gallon
61032	610G1

HAZARDOUS INGREDIENTS

Ingredient	CAS#	Percent
Hydrogen Chloride	7647-01-0	20%
Ethoxylated Amines	Various	
Urea	51-13-6	
Citric Acid	77-92-9	

PHYSICAL PROPERTIES

Typical Properties	Results
GRAVITY, (60 °F)	
API	
SPECIFIC DENSITY (Lb./GAL)	1.1095 9.24
DISTILLATION RANGE	
FREEZING POINT, °F (°C)	
KAURI BUTANOL (Kb) VALUE	
ANILINE POINT, °F	
FLASH POINT, T.C.C. °F	
FLAMMABLE LIMITS IN AIR, % BY VOLUME	
LOWER, AT 100°F (38°C)	
UPPER, AT 200°F (93°C)	
AUTOIGNITION TEMPERATURE, °F (°C)	
COLOR, SAYBOLT	+30
DOCTOR TEST	
CORROSION, 3 HRS. @ 212 °F	
NON-VOLATILES, g/100ml	
ACIDITY	
ALKALINITY (AS NH ₃ , WT%)	
EVAPORATION RATE	
APPEARANCE	Clear, water-white
ODOR	Mild, 90% Odor free
VAPOR PRESSURE, mm Hg @ 20 °C	
REFRACTIVE INDEX, @ 20 °C	
SULFUR CONTENT, PPM	
PURITY, by G.C., Wt%	
WATER CONTENT, Wt%	
WATER MISCIBILITY	Complete
DOT SHIPPING NAME	Corrosive Liquid, acidic, inorganic, NOS
DOT CLASSIFICATION	PG III
SHIPPING Wt. at 20 °C	10.25
V.O.C. (g/L)	Not Applicable

These properties are representative of typical inspections. They do not constitute product specifications. Consult MSDS sheet for additional information.

PRODUCT IMAGE



SAFETY INFORMATION

HEALTH: 3
FIRE: 0
REACTIVITY: 1

PRODUCT APPLICATION

Green Envy Muriatic Acid Replacement can be used to lower the pH in swimming pools. It is also recommended for etching concrete, cleaning brick and masonry. It is effective for removing rust, mineral stains and deposits from household and garden tools and other steel items: apply solution to surface, wipe with sponge or cloth. Rinse with water and dry. Oil, prime and/or paint surface.

TEST METHOD

ASTM	Applied
D-1298	■
D-86	■
D-1133	
D-611	
D-56	
D-1255	
D-156	■
D-484	
D-130	
D-1353	
D-847	
D-1614	
D-1296	■
D-1218	
D-1266	
D-1364	
D-1722	

See MSDS sheet for additional Health, Safety, Handling and Regulatory Information available on our website at www.sunnysidecorp.com/msds.html