

=====

MATERIAL SAFETY DATA SHEET (SUBSTITUTES FOR OSHA FORM 174): May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

=====

PRODUCT NUMBER: 628

IDENTITY: SCALE-A-WAY

Revision Date: 01/15/2007

Section I

Manufacturer's Name: QUEST CHEMICAL CORPORATION
Address: 12255 FM 529
NORTHWOODS INDUSTRIAL PARK
HOUSTON
State: TX Zip Code: 77041

Telephone Numbers:
Emergency: 800/255-3924
Information: 713/8968188

HMIS CODES: REACTIVITY: 2 FLAMMABILITY: 0 HEALTH: 2 PERSONAL PROTECT: B

Section II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION (All of the ingredients contained in this product are listed on the TSCA inventory.)

=====

Name	Cas No.	OSHA PEL	ACGIH TLV	OTHER LIM	%
HYDROGEN CHLORIDE	7647010	5 PPM	5 PPM	N/A	___
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Section III: PHYSICAL/CHEMICAL CHARACTERISTICS

=====

Boiling Point: 178F Specific Gravity (water=1) 1.15
Vapor Pressure(mm Hg) 50+ Melting Point: NE
Vapor Density(AIR=1) NE Evaporation Rate: <1
Solubility in Water: 100% (Butyl Acetate=1)
Appearance and Odor: WATER WHITE LIQUID, STRONG ACID ODOR

Section IV: FIRE AND EXPLOSION HAZARD DATA

=====

Flash Point(Method Used):N/A Flammable Limits: LEL:N/A UEL: N/A
Extinguishing Media: N/A
Special Fire Fighting Procedures: NON-FLAMMABLE. HYDROCHLORIC ACID REACTS WITH ALL METALS WITH RAPID EVOLUTION OF HYDROGEN GAS WHICH IS FLAMMABLE AND EXPLOSIVE IN AIR. WEAR SELF CONTAINED BREATHING EQUIPMENT WHEN EXPOSED.
Unusual Fire and Explosion Hazards: SEE ABOVE SECTION.

Section V: REACTIVITY DATA

PRODUCT NUMBER: 628

Stability: Unstable: Conditions to avoid: AVOID CONTACT WITH METALS,
Stable: X ALKALI COMPOUNDS, OR OXIDIZING SUBSTANCES
Incompatibility (Materials to Avoid): COMMON METALS SUCH AS IRON OR ZINC,
OXIDIZERS
Hazardous Decomposition or Byproducts: DEPENDING ON REACTANTS; CHLORINES,
HYDROGEN, HYDROGEN CHLORIDE
Hazardous Polymerization: May Occur: Will Not Occur: X
Conditions to Avoid: N/A

Section VI: HEALTH HAZARD DATA

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES
Health Hazards (Acute and Chronic):
HYDROCHLORIC ACID IS EXTREMELY CORROSIVE AND IRRITATING TO MUCOUS MEMBRANES
OF THE EYES AND RESPIRATORY TRACT.

Carcinogenicity: NTP:NO IARC Monographs:NO OSHA Reg:NO
Signs and Symptoms of Exposure: SEE HEALTH HAZARDS

Medical Conditions Generally Aggravated by Exposure: NONE KNOWN

Emergency and First Aid Procedures: SKIN & EYES: FLUSH WITH WATER. CONTACT
PHYSICIAN. INGESTION: LARGE AMOUNTS OF WATER. INHALATION: REMOVE TO FRESH
AIR. CONTACT PHYSICIAN IMMEDIATELY.

Section VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: COPIUS WATER
SPRAY TO ABSORB HYDROGEN CHLORIDE FUMES THEN COVER SPILL WITH SODIUM CAR-
BONATE (SODA ASH)

Waste Disposal Method: CLEAN UP RESIDUE IN APPROPRIATELY SUITABLE CONTAINER
FOR LANDFILL OR HAZARDOUS DISPOSAL IN CONFORMANCE WITH FEDERAL, STATE AND
LOCAL GUIDELINES.

Precautions to be Taken in Handling and Storing: STORE IN A COOL DRY AREA.
KEEP CONTAINER TIGHTLY SEALED.

Other Precautions: WEAR RUBBER GLOVES. STORE AWAY FROM OTHER CHEMICALS
AND DO NOT ALLOW MATERIAL TO SPLASH OR OTHERWISE CONTACT METAL PARTS.

Section VIII: CONTROL MEASURES

Respiratory Protection: N/A
Ventilation: Local Exhaust: ADEQUATE TO MAINTAIN PEL/TLV
Mechanical: N/A Special: N/A
Other: N/A
Protective Gloves: RUBBER, NITRILE, BUTYL
Eye Protection: SAFETY GOGGLES ARE RECOMMENDED WHENEVER CHEMICALS ARE USED.
Other Protective Clothing or Equipment:
RUBBER APRONS OR OTHER ACID RESISTANT CLOTHING WHEN HANDLING LARGE AMOUNTS.
Work/Hygienic Practices:
WASH HANDS AFTER USING. IF PRODUCT GETS ON CLOTHING, REMOVE, WASH IMMEDIATELY.