

SAFETY DATA SHEET



Product Name: ACCO Wall & Tile Cleaner

Release Date: 9/29/2020

Product Number: 102-86001, 102-86005, 102-86015

Section 1. Identification

Product Identifier:	ACCO Wall & Tile Cleaner
Other means of identification:	Hydrochloric Acid Solution; Hydrogen Chloride Solution
CAS Number:	7647-01-0
Recommended Use:	Surface Cleaner
Recommended Restrictions:	No data available.
Supplier/Distributor Information:	ACCO Unlimited Corporation 5105 NW Johnston Dr. Johnston, IA 50131 (800) 548-2226

EMERGENCY PHONE NUMBER: 800-424-9300 CHEMTREC

Section 2. Hazard(s) Identification

OSHA/HCS status.....This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Physical hazards.....Substance or mixture corrosive to metals - Category 1

Health hazardsSkin Corrosion/Irritation Category 1B
Serious Eye Damage/Eye Irritation Category 1
Respiratory Sensitisation Category 1
Specific Target Organ Systemic Toxicity - Single Exposure Category 2
Specific Target Organ Systemic Toxicity - Repeated Exposure Category 2
Acute Toxicity - Inhalation Dust / Mist Category 4
Acute Toxicity - Oral Category 4

GHS label elements:
Hazard pictograms



Signal word.....Danger

Hazard statements.....May be corrosive to metals. Harmful if swallowed or if inhaled. Causes severe skin burns and eye damage. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause damage to organs (respiratory system by inhalation). May cause damage to organs (teeth, respiratory system) through prolonged or repeated exposure (by inhalation).

Precautionary statements:

Prevention.....Keep only in original container. Do not breathe dust/ fume/ gas/ mist/ vapors/ spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area.

Wear protective gloves/protective clothing/eye protection/face protection. In case of inadequate ventilation wear respiratory protection. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.

Response.....IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Specific treatment (see First Aid on SDS or on this label). If experiencing respiratory symptoms: Call a POISON CENTER or doctor.

Storage.....Store in a secure manner. Store in corrosive resistant container with a resistant inner liner.

Disposal.....Dispose of contents/container in accordance with local/regional/national regulations.

Other Hazards.....None known.

Section 3. Composition/information on ingredients

Chemical or Common Name/Synonyms	CAS Number	% by Wt.
Water	7732-18-5	Balance
Ethylene glycol butyl ether	111- 76-2	10%
TDetN-12	9016-45-9	0.02%
Hydrochloric acid	7647-01-0	36.9%

Section 4. First aid measures

Description of Necessary Measures

Eye Contact: If in eyes: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Tilt head to avoid contaminating unaffected eye. Get immediate medical attention. Do not attempt to neutralize with chemical agents. Consult an ophthalmologist or eye specialist and physician IMMEDIATELY in all cases.

Skin Contact: If on skin: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Do not apply oils or ointments unless ordered by the physician.

Inhalation: If inhaled: Remove to fresh air. If breathing is difficult, administer oxygen. If not breathing, give artificial respiration, preferably mouth-to-mouth. GET MEDICAL ATTENTION IMMEDIATELY.

Ingestion: If swallowed: If fully conscious, drink a quart of water. DO NOT induce vomiting. CALL A PHYSICIAN IMMEDIATELY. If unconscious or in convulsions, take immediately to a hospital or a physician. NEVER induce vomiting or give anything by mouth to an unconscious victim. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.

Most Important Symptoms/Effects, Acute and Delayed

Eye Contact: CORROSIVE - Causes severe irritation and burns. Liquid or vapor may cause: severe irritation. pain. redness. watering. corneal opacity. burns. tissue destruction. permanent eye damage. blindness.

Skin Contact: CORROSIVE - Causes severe irritation and burns. Causes: pain. redness. blistering. swelling. skin damage. scarring. permanent skin damage. death. Mists may cause: irritation. burns.

Skin Absorption: No data available.

Inhalation: CORROSIVE - Causes severe irritation and burns. Harmful or fatal if inhaled. Vapors or mists irritate or burn the: nose. throat. upper respiratory tract. May cause: respiratory irritation. bleeding of the nose and gums. sore throat. coughing. choking. laryngeal spasms. difficulty breathing. shortness of breath. pulmonary edema. Prolonged exposure may cause: burns and ulcers to the nose and throat. dental erosions. Symptoms of exposure may be delayed by several hours.

Ingestion: CORROSIVE - Causes severe irritation and burns. Harmful or fatal if swallowed. Causes burns of the: mouth. throat. esophagus. stomach. Symptoms may include: difficulty swallowing. intense thirst. nausea. vomiting. diarrhea. stomach pain. circulatory collapse. Severe exposures may cause: collapse. death. Aspiration can result in severe lung damage or death.

Indication of Immediate Medical Attention and Special Treatment Needed: There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

Section 5. Fire-fighting measures

Extinguishing Media: Not combustible. For fires in area use appropriate media. For example: Water spray. Carbon dioxide. Dry chemical. Foam.

Specific Hazards Arising from the Chemical

Fire and Explosion Hazards: Product may react with some metals (ex.: Aluminum, Zinc, Tin, etc.) to release flammable hydrogen gas. Explosive concentrations of Hydrogen may accumulate inside metal equipment. Heat can cause evolution of gaseous Hydrogen Chloride.

Hazardous Combustion Products: Hydrogen Chloride gas. Hydrogen gas. Chlorine. Halogenated compounds.

Special Protective Equipment and Precautions for Fire-Fighters: Evacuate area of unprotected personnel. Wear protective clothing including NIOSH-approved self-contained breathing apparatus. Remain upwind of fire to avoid hazardous vapors and decomposition products. Use water spray to cool fire-exposed containers and disperse vapors. Product generates heat upon addition of water, with possible spattering. Neutralize run-off with Lime, Soda Ash, etc., to prevent corrosion of metals and formation of Hydrogen gas. Run-off from fire control may cause pollution.

Section 6. Accidental release measures

Personal Precautions, Protective Equipment, Emergency Procedures: CORROSIVE MATERIAL.

Evacuate unprotected personnel from area. Maintain adequate ventilation. Follow personal protective equipment recommendations found in Section 8. Never exceed any occupational exposure limit.

Methods and Materials for Containment and Clean Up: Shut off source of leak if safe to do so. Contain spill, place into drums for proper disposal. Flush remaining area with water and neutralize with Soda Ash or Lime and dispose of properly. Avoid direct discharge to sewers and surface waters. Notify authorities if entry occurs. Keep upwind of leak or spill. Adequate ventilation is required if soda ash or limestone is used, because of the consequent release of carbon dioxide gas. CAUTION: This product may react violently with alkalis and water.

Section 7. Handling and storage

Precautions for Safe Handling: Avoid contact with eyes, skin, and clothing. Use with adequate ventilation. Do not swallow. Avoid breathing vapors, mists, or dust. Do not eat, drink, or smoke in work area. Wash thoroughly after handling. When diluting or preparing solutions, slowly add acid to water to avoid boiling and splattering.

Conditions for Safe Storage, Including any Incompatibilities: CORROSIVE MATERIAL. Store in a cool, well ventilated area, out of direct sunlight. Store in a dry location away from heat. Keep away from incompatible materials. Keep containers tightly closed. Do not store in unlabeled or mislabeled containers. Highly corrosive to most metals with evolution of hydrogen gas. Store below 120 Deg. F.

Section 8. Exposure controls/personal protection

OSHA Exposure Guidelines:

Component	Limits
Hydrogen Chloride	5 ppm Ceiling; 7 mg/m ³ Ceiling

ACGIH Exposure Guidelines:

Component	Limits
Hydrogen Chloride	2 ppm Ceiling

Engineering Controls: General room ventilation and local exhaust are required. Process enclosures or other engineering controls may be needed to maintain airborne levels below recommended exposure limits. Avoid creating dust or mist. Maintain adequate ventilation. Do not use in closed or confined spaces. Keep levels below exposure limits. To determine exposure levels, monitoring should be performed regularly.

Individual Protection Measures

Eye/Face Protection: Wear chemical safety goggles and a full face shield while handling this product. Do not wear contact lenses.

Skin Protection: Prevent contact with this product. Wear gloves and protective clothing depending on condition of use. Protective gloves: Acid-proof. Impervious. Chemical-resistant.

Respiratory Protection: Respiratory protection must be worn if ventilation does not eliminate symptoms or keep levels below recommended exposure limits. If exposure limits are exceeded, wear: NIOSH-Approved air-purifying respirator with: Acid gas cartridge and HEPA filter. NIOSH-Approved Supplied Air Respirator (SAR). NIOSH-Approved self-contained breathing apparatus. DO NOT exceed limits established by the respirator manufacturer. All respiratory protection programs must comply with OSHA 29 CFR 1910.134 and ANSI Z88.2 requirements and must be followed whenever workplace conditions require a respirator's use.

Other Protective Equipment: Eye-wash station. Safety shower. Rubber apron. Rubber boots. Protective clothing. Full-rubber acid suit.

General Hygiene Conditions: Wash with soap and water before meal times and at the end of each work shift. Good manufacturing practices require gross amounts of any chemical be removed from skin as soon as practical, especially before eating or smoking. Food, beverages, and tobacco products should not be carried, stored or consumed where this material is in use.

Section 9. Physical and chemical properties

Physical State: Liquid.

N.D. = No Data N.A. = Not Applicable

Color: Clear. Colorless to faint yellow.

Odor: Sharp, pungent, irritating odor.

Odor Threshold: N.D.

pH: < 1

Freezing Point (deg. F): < -35

Melting Point (deg. F): N.D.

Initial Boiling Point or Boiling Range: 176 - 183 °F

Flash Point: NONE.

Flash Point Method: N.A.

Evaporation Rate (nBuAc = 1): N.D.

Flammability (solid, gas): N.D.
Lower Explosion Limit: N.A.
Upper Explosion Limit: N.A.
Vapor Pressure (mm Hg): 15-150
Vapor Density (air=1): 1.267
Specific Gravity or Relative Density: 1.16-1.18
Solubility in Water: Complete
Partition Coefficient (n-octanol/water): N.D.
Autoignition Temperature: N.A.
Decomposition Temperature: N.D.
Viscosity: N.D.
% Volatile (wt%): 100%
VOC (wt%): 0
VOC (lbs/gal): 0
Fire Point: N.D.

Section 10. Stability and reactivity

Reactivity: No data available.

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur under normal conditions.

Contact with water may cause violent reaction with evolution of heat. To dilute: Add product slowly to lukewarm water; not water to product. May react with certain metals to produce flammable hydrogen gas. Hazardous gases are evolved on contact with chemicals such as cyanides, sulfides, carbides, etc. Contact with oxidizing agents may produce chlorine gas. May react violently with incompatible substances, releasing large amounts of heat.

Conditions to Avoid: Avoid contact with water. Avoid heat, sparks or open flames. Avoid direct sunlight. Keep away from incompatibles.

Incompatible Materials: Most metals. Alkalies. Metal Oxides. Amines. Water-reactive substances.

Sulfuric acid. Oleum. Acetic Anhydride. Carbonates. Cyanides. Sulfides. Hypochlorites. Sodium. Bases. Formaldehyde. Oxidizing agents. Reducing agents. Perchloric Acid. Potassium permanganate. Aldehydes. Epoxides. Fluorine. Acetylides. Carbides. Chlorosulfonic acid. Propylene oxide. Vinyl acetate. Hexalithium disilicide. Propiolactone. Nitrates. Alcohols. Water. Moisture. Strong acids.

Hazardous Decomposition Products: Hydrogen chloride gas. Hydrogen gas. Chlorine.

Section 11. Toxicological information

Routes of Exposure: Eyes. Ingestion. Inhalation. Skin.

Symptoms/Effects: Acute, Delayed and Chronic

Eye Contact: CORROSIVE - Causes severe irritation and burns. Liquid or vapor may cause: severe irritation. pain. redness. watering. corneal opacity. burns. tissue destruction. permanent eye damage. blindness.

Skin Contact: CORROSIVE-Causes severe irritation and burns. Causes: pain. redness. blistering. swelling. skin damage. scarring. permanent skin damage. death. Mists may cause: irritation. burns.

Skin Absorption: No data available.

Inhalation: CORROSIVE -Causes severe irritation and burns. Harmful or fatal if inhaled. Vapors or mists irritate or burn the: nose. throat. upper respiratory tract. May cause: respiratory irritation. bleeding of the nose and gums. sore throat. coughing. choking. laryngeal spasms. difficulty breathing. shortness of breath. pulmonary edema. Prolonged exposure may cause: burns and ulcers to the nose and throat. dental erosions. Symptoms of exposure may be delayed by several hours.

Ingestion: CORROSIVE - Causes severe irritation and burns. Harmful or fatal if swallowed. Causes burns of the: mouth. throat. esophagus. stomach. Symptoms may include: difficulty swallowing. intense thirst. nausea. vomiting. diarrhea. stomach pain. circulatory collapse. Severe exposures may cause: collapse. death. Aspiration can result in severe lung damage or death.

Numerical Measures of Toxicity

Component	Oral LD50	Dermal LD50	Inhalation LC50
Hydrogen Chloride	Rat: 238 - 277 mg/kg	Rabbit: > 5010 mg/kg	1H Rat: 4.7 mg/L

Acute Toxicity Estimate (ATE):

Oral:	317 mg/kg
Inhalation Dust/Mist:	4.7619 mg/L

Cancer Information: This product contains 0.1% or more of the following chemicals listed by NTP, IARC or OSHA as known or possible carcinogens: Acid mists, strong inorganic

Medical Conditions Aggravated by Exposure to Product: Eye disorders. Respiratory system disorders. Skin disorders. Other: None known.

Section 12. Ecological information

Ecotoxicological Information: No data available.

Chemical Fate Information: No data available.

Section 13. Disposal considerations

Hazardous Waste Number: D002

Disposal Method: Dispose of in a permitted hazardous waste management facility following all local, state and federal regulations. DO NOT pressurize, cut, weld, solder, drill, grind or expose empty containers to heat, flame, sparks or other sources of ignition. Since emptied containers retain product residue, follow label warnings even after container is emptied.

Section 14. Transport information

DOT (Department of Transportation):

Identification Number:	UN1789
Proper Shipping Name:	Hydrochloric Acid
Hazard Class:	8
Packing Group:	II
Label Required:	CORROSIVE
Reportable Quantity (RQ):	5000# (Hydrogen Chloride)

Section 15. Regulatory information

TSCA Inventory Status: All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.

SARA Title III Section 311/312 Category Hazards:

Regulated Components: Component	Immediate (Acute)	Delayed (Chronic)	Fire Hazard	Pressure Release			Reactive			
	Yes	Yes	No	No	No	Yes	Yes	Yes		
Hydrogen Chloride				CAS	CERCLA	SARA	SARA	U.S.	WI	Prop
				Number	RQ	EHS	313	HAP	HAP	65
				7647-01-0	Yes	Yes	Yes	Yes	Yes	No

***Prop 65 - May Contain the Following Trace Components:**

None known.

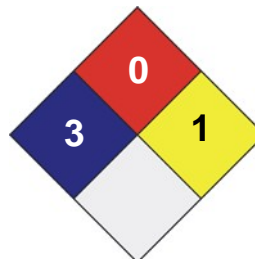
Note: RQ, TPQ, Section 313 reporting requirements are dependent upon individual ingredients. Hydrogen Chloride (gas and aerosol forms only) is on the Extremely Hazardous Substance List. In liquid form, Hydrogen Chloride (Hydrochloric Acid) is not required to be reported as an Extremely Hazardous Substance, but is subject to SARA 311 and 312 reporting requirements. Hydrochloric Acid also appears on the Section 313 list; however, the listing only applies to the gas and aerosol forms of Hydrochloric Acid.

Section 16. Other information

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

* = Chronic Health Hazard

HEALTH	*	3
FLAMMABILITY		0
PHYSICAL HAZARD		1
PERSONAL PROTECTION		X



Disclaimer

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