

MATERIAL SAFETY DATA SHEET



CHEM-TECH SOLUTIONS

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SECTION I. GENERAL INFORMATION

Product Name (Number) WESTECH™ CT-4712 ROLL CONDITIONER

Chemical Family INORGANIC ACID SOLUTION
D.O.T. Hazard Class CORROSIVE MATERIALS

SECTION II. HAZARDOUS INFORMATION

INGREDIENTS	CAS NUMBER	WEIGHT PERCENT	OSHA PEL	ACGIH TLV
*Hydrofluoric Acid	7664-39-3	0 - 10%	2.5mg/m ³	2.5mg/m ³
*Phosphoric Acid	7664-38-2	0 - 10%	3mg/m ³	1mg/m ³

* Ingredients containing chemicals reportable under SARA Title III, sec. 313

SECTION III. PHYSICAL DATA

(Published or Estimated Values)

Boiling Point Deg. F.: 212°F +
(760) mm Hg)

Specific Gravity: 1.06
(H₂O = 1)

Vapor Pressure: NE
(mm Hg at 20° Deg. C.)

% Volatile by Weight: 100
Evaporation Rate: NA

Vapor Density (Air = 1): NA

pH: 2.5

Solubility in Water: COMPLETE

Appearance and Odor: CLEAR LIQUID, LIGHT AMBER COLOR/ IRRITATING ODOR

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

Estimated Flammable Limits (% by Volume in Air) (@ 302 F°)

LEL: NA

UEL: NA

Flash Point Deg. F.: PRODUCT CONTAINS A LARGE AMOUNT OF WATER AND WOULD NOT NORMALLY BURN.

Extinguisher Media: PRODUCT IS WATER-BASED AND WILL NOT BURN OR SUPPORT FLAMES.

Special Fire

Fighting Procedures: EXTINGUISH SURROUNDINGS INSTEAD OF THIS PRODUCT.

Unusual Fire and Explosion Hazard: IF IN BURNING BUILDING, USE SELF-CONTAINED BREATHING APPARATUS SINCE ALL SMOKE IS TOXIC.

NA - NOT APPLICABLE

NE - NOT ESTABLISHED

UN - UNKNOWN

SECTION V. HEALTH HAZARD DATA (Symptoms/effects of Overexposure)

CT-4712

Routes of Entry

Ingestion:

MAY CAUSE SEVERE BURNS OF MOUTH, THROAT, ESOPHAGUS OR STOMACH

Skin:

PRIMARY EXPOSURE ROUTE. SEVERE IRRITANT TO THE SKIN AND CAN CAUSE BURNS AND POTENTIAL DESTRUCTION OF TISSUE.

Inhalation:

IRRITANT AND COSSOSIVE TO MUCUS MEMBRANE.

Eye Contact:

IRRITANT AND WILL CAUSE BURNS IF NOT TREATED IMMEDIATELY.

Carcinogenicity:

NE

Medical Conditions generally aggravated by exposure: DERMATITIS, CUTS, BROKEN SKIN AND PRE-EXISTING RESPIRATORY OR LUNG CONDITIONS.

SECTION VI. HEALTH HAZARD DATA (Emergency and First Aid Procedures)

Inhalation:

MOVE VICTIM TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. CONSULT A PHYSICIAN.

Ingestion:

DO NOT INDUCE VOMITING. ADMINISTER LARGE AMOUNTS OF WATER FOLLOWED BY SMALL DOSE OF MILK OF MAGNESIA. CONTACT PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Skin Contact:

IMMEDIATELY, FLUSH WITH COOL WATER FOR AT LEAST 15 MINUTES. **DO NOT USE CHEMICAL NEUTRALIZING AGENT.** MAY USE CALCIUM GLUCONATE GEL OR ICED AQUEOUS SOLUTION. SEEK IMMEDIATE MEDICAL ASSISTANCE.

Eye Contact:

FLUSH WITH LOW PRESSURE COOL WATER FOR 15 MINUTES. OPEN LIDS SO THAT WATER IS FLUSHED ON ALL EYE SURFACES. SEEK MEDICAL ASSISTANCE IMMEDIATELY.

SECTION VII. REACTIVITY DATA

Stability

Stable:

X

Unstable:

Conditions to Avoid:

DO NOT MIX WITH STRONG BASES.

Incompatibility:

AVOID CONTACT WITH STRONG ALKALIDES, GLASS AND ALKALI METALS.

(Materials to Avoid)

Hazardous Decomposition Products:

WHILE THIS PRODUCT IS A WATER-BASED SOLUTION AND IS STABLE, THE ACID INGREDIENTS BY THEMSELVES COULD PRODUCE HYDROGEN FUMES ON CONTACT WITH SOME METALS.

Hazardous Polymerization:

WILL NOT OCCUR

Conditions to Avoid:

EXCESSIVE HEAT
COULD CAUSE PRESSURE BUILD-UP.**SECTION VIII. SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

WEAR SUITABLE PROTECTIVE EQUIPMENT. SMALL SPILLS SHOULD BE ABSORBED WITH SAND AND PUT INTO CONTAINER. LARGER SPILLS SHOULD BE COLLECTED IN AN APPROVED CONTAINER FOR DISPOSAL.

Waste Disposal:

DISPOSE OF ACCORDING TO LOCAL, STATE OR FEDERAL LAWS REGULATING SUCH MATERIALS.

Must be in accordance with Federal, State and Local Laws and Regulations

SECTION IX. SPECIAL PROTECTION

Respiratory:

USE ACID VAPOR MASK IF USING IN A CONFINED AREA.

Eyewear:

CHEMICAL SAFETY GOGGLES OR SUITABLE EYE PROTECTION IS RECOMMENDED WHEN USING ANY CLEANING SOLUTION.

Clothing/Gloves:

IMPERVIOUS CHEMICAL RESISTANT CLOTHING AND GLOVES ARE RECOMMENDED.

Ventilation:

GENERAL MECHANICAL VENTILATION IS ORDINARILY ADEQUATE. LOCAL EXHAUSE IS NECESSARY.

SECTION X.**SPECIAL PRECAUTIONS****PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:**

KEEP LIDS ON ALL CONTAINERS TO PREVENT CONTAMINATION FROM OTHER MATERIALS OR POSSIBLE SPILLAGE. WEAR PROTECTIVE EQUIPMENT, AND HAVE NECESSARY VENTILATION.

Other Precautions: WASH THOROUGHLY AFTER USING THIS CLEANING SOLUTION. IN WORK AREA YOU SHOULD HAVE AN EYE BATH, SAFETY SHOWER AND WASHING FACILITIES KEEP AREA CLEAN.

Contains: Since empty containers may retain product residues (vapor, liquid, or solid) all labeled hazard precautions must be observed. FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.

SECTION XI.**REGULATORY INFORMATION**

D.O.T. SHIPPING NAME:

COMPOUNDS, CLEANING LIQUIDS
CONTAINING HYDROFLUORIC ACID

D.O.T. HAZARD CLASSIFICATION:

8 (Corrosive), NA1760, PG III

R.C.R.A.:

YES

T.S.C.A.:

YES

S.A.R.A. III Sec. 311 & 312:

DELAYED, IMMEDIATE

S.A.R.A. III Sec. 313:

This product contains one or more chemicals subject to S.A.R.A. III sec. 313 reporting. Certain industrial facilities must report on annual emissions and other management practices. Information on these requirements may be obtained by calling E.P.A.

SECTION XII.**ADDITIONAL INFORMATION**

Seller makes no warranty, whether expressed or implied including warranties of merchantability or fitness for a particular purpose. Buyer accepts liability for determining if the product is suitable for buyer's intended use and resale. Any recommendations as to use made by seller is done so at buyer's risk. Buyer's exclusive remedy and seller's liability for damages shall never exceed purchase price or replacement of product.

EMERGENCY TELEPHONE NUMBER

DAY OR NIGHT

EMERGENCY 24 HOUR SERVICE
CHEM-TEL, INC.

1-800-255-3924

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