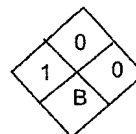


MATERIAL SAFETY DATA SHEET



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SECTION I. GENERAL INFORMATION

Product Name (Number) WESTECH™ CT-2300 CITRIBLAST
Chemical Family ORGANIC ACID SOLUTION
D.O.T. Hazard Class CORROSIVE LIQUIDS, ACIDIC, ORGANIC NOS

SECTION II. HAZARDOUS INFORMATION

INGREDIENTS	CAS NUMBER	WEIGHT PERCENT	OSHA PEL	ACGIH TLV
Acetic Acid, Hydroxy	79-14-1	1 - 20%	NE	NE
Citric Acid	77-92-9	1 - 10%	NE	NE

SECTION III. PHYSICAL DATA

(Published or Estimated Values)

Boiling Point Deg. F.: 212 °F +
(760) mm Hg) **Specific Gravity:** 1.04
(H₂O = 1)

Vapor Pressure: NE
(mm Hg at 20° Deg. C.) **% Volatile by Weight:** NE
Evaporation Rate: NE

Vapor Density (Air = 1): NE **pH:** 1.97

Solubility in Water: COMPLETE

Appearance and Odor: COLORLESS/FAINT ORANGE ODOR

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

Estimated Flammable Limits (% by Volume in Air) (@ 302 F) **LEL:** NE **UEL:** NE

Flash Point Deg. F.: WATER BASED PRODUCT.

Extinguisher Media: USE WATER SPRAY, FOAM, DRY CHEMICAL OR OTHER AGENTS SUITABLE FOR SURROUNDING FIRE.

Special Fire Fighting Procedures: WEAR NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.

Unusual Fire and Explosion Hazard: HYDROGEN COULD BE GENERATED BY THE ACTION OF THIS SOLUTION ON SOME METALS.

NA - NOT APPLICABLE **NE - NOT ESTABLISHED** **UN - UNKNOWN**

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

Routes of Entry

Ingestion: MAY CAUSE BURNS OF MOUTH, ESOPHAGUS, THROAT, OR STOMACH.

Skin: PRIMARY EXPOSURE ROUTE. IRRITANT TO THE SKIN.

Inhalation: IRRITATION OF THE RESPIRATORY PASSAGES WITH COUGH, DIFFICULTY IN BREATHING AND BRONCHIAL IRRITATION.

Eye Contact: IRRITATION AND WILL CAUSE BURNS IF NOT TREATED IMMEDIATELY.

Carcinogenicity: NONE

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: REMOVE VICTIM FROM CONTAMINATED AREA AND ADMINISTER OXYGEN. SEEK MEDICAL HELP IMMEDIATELY.

Ingestion: **DO NOT INDUCE VOMITING!** IMMEDIATELY GIVE TWO GLASSES OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CALL A PHYSICIAN.

Skin Contact: FLUSH SKIN WITH WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN IF IRRITATION PERSIST.

Eye Contact: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES. OPEN LIDS SO THAT WATER IS FLUSHED ON ALL EYE SURFACES. SEEK MEDICAL ASSISTANCE IMMEDIATELY.

SECTION VII. REACTIVITY DATA**Stability** Conditions to Avoid: NAStable: X Unstable: _____**Incompatibility:** OXIDIZING SUBSTANCES, ALKALINES OR ACTIVE METALS.

(Materials to Avoid)

Hazardous Decomposition Products: DECOMPOSITION WILL NOT OCCUR.**Hazardous Polymerization:** WILL NOT OCCUR Conditions to Avoid: NA**SECTION VIII. SPILL OR LEAK PROCEDURES****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

FOR SMALL SPILLS, TAKE UP WITH SAND OR OTHER ABSORBENT MATERIAL AND REACT WITH SODA ASH OR LIME. PLACE IN CONTAINER FOR LATER DISPOSAL. FOR LARGE SPILL, STOP AT SOURCE AND DIKE TO PREVENT SPREADING. PUMP TO SALVAGE TANK.

Waste Disposal: FOR SMALL SPILL, FLUSH IN DRAIN WITH LARGE AMOUNT OF WATER. FOR LARGE SPILLS, COLLECT AND ADD SLOWLY TO LARGE SOLUTION OF SODA ASH OR FLAKED LIME. ADD NEUTRALIZED SOLUTION TO EXCESS RUNNING WATER IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

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

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SECTION IX. SPECIAL PROTECTION**Respiratory:** IF UTILIZED WITHIN ENCLOSED STRUCTURE, A FULL-FACED MASK WOULD BE APPROPRIATE.**Eyewear:** CHEMICAL SAFETY GOGGLES OR SUITABLE EYE PROTECTION TO PREVENT CONTACT. OTHER APPROVED SAFETY GLASSES WHERE APPROPRIATE.**Clothing/Gloves:** CHEMICAL RESISTANT GLOVES AND IF APPLICABLE WEAR RESISTANT CLOTHING WHEN CONTACT IS EXPECTED.**Ventilation:** LOCAL EXHAUST IS PREFERRED TO KEEP BELOW EXPOSURE THRESHOLD IF PRODUCT IS UTILIZED IN ENCLOSED AREA.**SECTION X. SPECIAL PRECAUTIONS****PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:**

CARE MUST BE TAKEN WHEN USING OR DISPOSING OF THE CHEMICAL MATERIALS AND/OR THEIR CONTAINERS TO PREVENT ENVIRONMENTAL CONTAMINATION.

Other Precautions:**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. 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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