

WIM Lime Conditioner

HEALTH 1 FIRE 0 REACTIVITY 0

Section I General Information

Proprietary Information

Trade Name: WIM Lime Conditioner
 Chemical Family: Formula
 Manufacturer: WIM Inc.
 Date Prepared: 08-25-91 reviewed Jan 2007
 Prepared by: A.D. Potter - 847 234 1282
 Address: Box 360667, Cleveland OH 44136-0667
 Telephone: 440 846-8874
 Emergency: 440 846 8874

Section II Hazardous Ingredients

The composition of this mixture is proprietary. In the event of a medical emergency, compositional information will be provided to a physician. There is no SARA Title III 313 chemical in the formulation.

Chemical	CAS#	OSHA-PEL	ACGIH-TLV	313 Percent
Alkali Salt		NA	NA	
Water	7732-18-5	None	None	No

No component was found to be carcinogenic in NTP, IARC, or OSHA.

Section III Physical Data

Boiling Point: 100-103 C
 Sp G. 1.12
 Vapor pressure (mmHg) NA
 % Volatile: 62.4
 Evaporation Rate: (Ether=1): NA
 Vapor density (air=1): NA
 Solubility (in water): Yes
 pH: 8.7 – 9.0
 Viscosity: ND
 Appearance and Odor: Clear solution

Section IV Fire and Explosion

Flash point (method): Not Flammable
 Flammable limits: LeI N/A/A UE N/A
 Auto Ignition Temperature: NA
 Extinguishing media: CO2, Dry chemical foam; alcohol foam
 Special Fire Fighting Procedures: Wear self contained breathing apparatus with full face piece and protective clothing when fighting fire.
 Unusual Fire and Explosion Hazards: None known
 NFPA Hazard Codes: Health 1 Fire 0 Reactivity 0
 Unusual Reaction Hazard: None Known

Section V Health

Primary Routes of Entry to Body: Inhalation -No Skin -Yes Ingestion –Yes

Inhalation Acute: None known

Chronic: None known Eye Contact: Liquids and mists may irritate eyes

Inhalation: Mists irritating to nose throat and lungs.

Ingestion: Moderately toxic. Corrosive to mouth, esophagus and stomach.

Medical Conditions Aggravated by Overexposure: None Found

Chemical Listed as carcinogen or potential carcinogen: National Toxic Program IARC: NO

Exposure limits: OSHA PEL ACGIH ACGIH TLV

Emergency and first Aid Procedures:

- 1. INHALATION:** Use proper respiratory protection. Remove to fresh air. Aid in breathing, if necessary obtain medical aid.
- 2. EYES:** Flush eyes with copious amounts of water for 15 minutes. Lift upper and lower eyelids occasionally. Contact physician immediately.
- 3. SKIN:** Wash with soap and water. Remove contaminated clothing.
- 4. INGESTION:** If conscious give water or milk. Contact a physician.(Ingestion) AND THE PERSON IS CONSCIOUS Give large amounts of water then induce vomiting and get medical attention DO NOT ATTEMPT TO GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. WHEN IN DOUBT CONSULT A PHYSICIAN!

Additional Measures: These products are used in a lime solution of various strengths. Determine if the contact is before or after the product has been added to the lime and treat the most appropriate condition. The recommended dose rate is 0.01 to 0.1% of the bath volume.

IF IN DOUBT CONSULT A PHYSICIAN!

Section VI Reactivity Data

Stability: Stable.

Incompatibility: Materials to avoid: None known

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: None known

Accidental Spills into Unauthorized Chemical Solutions:

Section VII Control Measures

Respiratory Protection: (Type) Use NIOSH approved equipment when conditions generate vapors or mists. Appropriate respirator may be a full face piece or a half mask air purifying cartridge respirator.

Ventilation: Local to minimize emissions and maintain below limits.

Other: Protective gloves Neoprene rubber

Eye Protection: Splash goggles or face shield. Do not wear contact lenses

Special Clothing Or Equipment: Protective clothing to prevent skin contact.

Section VIII Safe Handling Measures

Precautions to be taken in handling: Store in a cool dark area. Keep containers closed.

Work Hygiene Practices: Showers and eye wash should be available where chemicals are used. Wash thoroughly before eating, smoking or using toilet facilities

Section IX Federal Regulations

Environmental Information: Eliminate sources of ignition. Prevent any additional discharge of material. Keep all but clean-up crew away.

Spill Response: Wear protective acid resistant slicker suit. If the spill is small a full face piece with cartridge for alkaline gases may be sufficient. Absorb liquid in inert absorbent material. Collect and store in DOT approved waste container.

Large Spills: Pump into plastic barrels. Absorb remainder with absorbent material. Keep neutralized material out of sewers, storm drains, surface water or oil.

Recommended disposal: Dispose in accordance with local, state and federal regulations.

DOT PROPER SHIPPING NAME: Cleaning Compound, Liquid, NOI

LABEL DOT IDENT. Cleaning Compound Liquid, NOI

NFPA Hazard Codes: HEALTH 1 FIRE 0 REACTIVITY 0