

January | 2015

WIM Lime Conditioner

Safety Data Sheet

WIMinc.

SECTION I: Product and Company Information

WIM Lime Conditioner

Manufacturer	WIM Inc. Box 360667 Cleveland OH 44136-0667
Emergency Telephone	440 846 8874
Chemical Name	Proprietary mixture
Chemical Family	Proprietary blend of surfactants
Chemical Formula	Mixture
Product Use	Additive for inorganic acid; Class inhibiting

SECTION II: Hazardous Ingredients

GHS Ratings and Toxicity Categories

Non hazardous Not GHS classified

This product is used in a hazardous environment.

Classification of substance mixture: Not classified as hazardous per 2012 OSHA Hazard classification Standard 29 CFR part 1910.1200

- **Label elements:** This material does not require a hazard warning label in accordance with GHS criteria
- **Pictogram:** Not applicable
- **Signal Word:** Not applicable
- **Hazards statements:** Not applicable
- **Precautionary statements:** not applicable but included below as a matter of general information
- **Hazards not otherwise classified:** Not applicable

GHS Hazards	GHS Precautions
H303 May be harmful if swallowed	P301+330+331 IF SWALLOWED: Rinse mouth. DO NOT induce vomiting
H313 May be harmful if in contact	P303+361+353 IF ON SKIN: (or hair) Remove/Take off immediately all with skin contaminated clothing. Rinse skin with water/shower.
H319 Causes eye irritation	P337+313 If eye irritation persists. Get medical advice/attention. P338 If in eyes Remove contact lenses if present and easy to do P351 If on skin rinse cautiously. P362 Take off contaminated clothing and wash it before reuse. P501 Dispose of contents to an approved waste disposal facility in accordance with all local / regional / national / international regulations

SECTION III: Hazards Identification: WIM Lime Conditioner

Proprietary Mixture Ingredients	CAS	% /wt
Proprietary		< 40%
Water	7789-20-0	Balance

Proprietary mixture of non-hazardous inorganic compounds in an alkaline mixture being an irritant to eyes, skin and ingestion. There are no materials in WIM Lime Conditioner that are on the December 2013 list subject to TSCA 12(b) Export This product contains no listed carcinogens according to IRC, ACGHI, NTP and/or OSHA in concentrations of 0.1% or greater that are carcinogens or suspect carcinogens.

SECTION IV: First Aid Measures: WIM Lime Conditioner

First Aid Measures	WIM Lime Conditioner
Primary Routes of Entry to Body	Inhalation: No, Skin: Yes, Ingestion: Yes
Signs and Symptoms of Exposure	High concentrations are irritating to eyes, nose, and respiratory tract. Chronic: May cause skin burns.
May cause	Headache, dizziness, tiredness, nausea and vomiting. May cause skin burns.
Eye Contact	Liquids and mists from lime bath may irritate eyes.
Ingestion:	Harmful if swallowed. When mixed with acid: Moderately toxic. Corrosive to mouth, esophagus and stomach.
Medical Conditions	Aggravated by Overexposure: Repeated or prolonged exposure is not known to aggravate medical condition.
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. EYES:** Flush eyes with copious amounts of water for 15 minutes. Lift upper and lower eyelids occasionally. Review SDS for Lime for more First Aid information and contact physician as indicated.
- 2. SKIN:** Wash with soap and water. Remove contaminated clothing.
- 3. INGESTION:** If conscious DO NOT induce vomiting.

SECTION V: Fire Fighting Measures

Fire Fighting Measures	WIM Lime Conditioner
NFPA HAZARD CLASSIFICATION	Health: 1 FLAMMABILITY 0 REACTIVITY 0
Flash point (method)	Not flammable
Flammable limits	LeI ND UE ND
Auto ignition temperature	NA

IN CASE OF FIRE:

This product is noncombustible. If involved in a fire, extinguishing agents suitable for surrounding materials should be used.

SPECIAL FIRE FIGHTING PROCEDURES:

As in any fire, prevent human exposure to fire, smoke, fumes or products of combustion. Use self-contained breathing apparatus when fighting any fire in an enclosed area.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known

HAZARDOUS DECOMPOSITION PRODUCTS: None known

SECTION VI: Accidental Release Measures

Accidental Release Measures

Spills may be slippery. Surround and adsorb all spills. Material should be collected and disposed in a proper manner. Dike the area to prevent spill from spreading. Soak up spill with a suitable absorbent such as clay, sawdust or kitty litter. Sweep up absorbed material and place in a chemical waste container for disposal. Wear suitable protective equipment.

Accidental Spills into Unauthorized Chemical Solutions

It is impossible to foresee the multitude of possible chemical combinations, which could result through misuse of these additives. When these products are not used as intended, the bath to which these chemicals have been added should be considered contaminated, and disposed and treated as a toxic waste, regardless of how innocent the combination may appear to the user.

Section VI Notes:

Dispose in accordance with local, state and federal regulations.

SECTION VII: Handling and Storage

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 VIII: Exposure Controls / Personal Protection

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.

SAFETY NOTE: WIM Inc. requires that safety related clothing and protective equipment be worn and used while handling this product to minimize any accident that may occur while the product is being used. These products are used in and around chemical vats containing corrosive and hot liquids, overhead cranes, moving trucks and other hazardous stationary and moving equipment. **THUS CARE MUST BE TAKEN AT ALL TIMES TO OBSERVE ALL RELATED SAFETY MEASURES AGAINST ALL HAZARDS, EVEN THOUGH THESE PRODUCTS MAY APPEAR TO THE USER TO HAVE LIMITED OR NO HAZARDS!**

SECTION IX: Physical and Chemical Properties

Physical and Chemical Properties	WIM Lime Conditioner
Sp G	1.12
Boiling Range	100-103 C
Vapor pressure (mmHg)	NA
Evaporation rate	NA
Vapor density (air = 1)	NA
PH	8.7 – 9.0
Viscosity	ND
Color	Clear solution
Solubility	100% soluble Freezes around 0 C (32 F) returns to solution upon warming.

SECTION X: Stability and Reactivity

Stability and Reactivity	WIM Lime Conditioner
Stability	Stable
Incompatibility	Materials to avoid: None known
Hazardous Polymerization	Will not occur
Hazardous Decomposition Products	None known

SECTION XI: Toxicological Information

Detailed Toxicity Information: WIM Lime Conditioner

No data is available on the product itself

SECTION XII: Ecological Information

Water Pollution Potential: WIM Lime Conditioner

No quality standards or criteria have been established for this chemical by the U.S. or Canadian government.

SECTION XIII: Disposal Considerations

Recommended Disposal: WIM Lime Conditioner

Dispose in accordance with local, state and federal regulations.

SECTION XIV: Transport Information

Transport Information	WIM Lime Conditioner
DOT PROPER SHIPPING NAME	NOS LIQUID
LABEL DOT IDENT	Liquid, NOI
NFPA Hazard Codes	HEALTH 1, FIRE 0, REACTIVITY 0

SECTION XV: Regulatory Information

International Regulatory Status	WIM Lime Conditioner
UNEP Persistent Organic Pollutant (POP)	Not listed
UNEP Prior Informed Consent Chemical (PIC)	Not listed

SECTION XVI: Other Considerations

Disclaimer:

Special Instructions, WIM⁷ Acid Additives

WIM⁷ pickling additives can be considered under the broad term of being "relatively safe"; however, like any chemical, their safety should not be taken for granted. The label on the containers and the current SDS warns of general hazards in the area where the WIM⁷ products might be used. Many times the area hazards present a greater danger to be considered, in addition to that of the safe handling of the WIM⁷ additives. It is most important to consider **ALL** the hazards present when devising a safe handling procedure for the WIM⁷ additives. WIM Inc. will advise their customers of general handling practices but it is up to the user, which includes not only the buyer, but the people responsible for direction and actual handling of the WIM⁷ products to identify any other additional hazardous circumstances that would need to be identified and minimized where the WIM⁷ products were being used. Whenever any doubt exists we do require that you consult with your plant safety officer or a physician.

General Safety Information

These products are water-based liquids and the pH will vary from product to product in a range moderately acidic to moderately caustic or alkaline. **AVOID CONTACT WITH EYES SKIN OR CLOTHING!** These products are to be used only as directed for your plant or as outlined in the Product Data Sheet. WIM, Inc. requires that safety related clothing and protective equipment be worn and used while handling these products to minimize any accident that may occur while the product is being used. These products are used in and around chemical vats and tanks, which may contain corrosive and hot liquids, overhead cranes, moving trucks and other hazardous moving and stationary equipment. **THUS CARE MUST BE TAKEN AT ALL TIMES TO OBSERVE ALL RELATED SAFETY MEASURES AGAINST ALL HAZARDS, EVEN THOUGH THE PRODUCTS MAY APPEAR TO THE USER TO HAVE LIMITED OR NO HAZARDS!**

Products added to the wrong solution can be very serious and that solution should be considered as not only contaminated but treated and disposed of as a toxic waste, regardless of how innocent the solution may appear to the user.

These are industrial chemicals blended with chemicals and various compounds which are designed to perform specific industrial applications which require the use of chemicals with varying degrees of hazard as noted in the product's SDS (Safety Data Sheet) These chemicals are not intended for private use and WIM Inc. Requires that the receiver of these products whether for use or evaluation takes care to store the chemicals in a responsible manner and further instruct its employees in their proper safe use.

All chemicals may react with other chemicals under predetermined or unknown reactions, either of which may prove harmful to the health and safety of those who come in contact with the chemicals either under supervised or unsupervised conditions. Acceptance of these products into your plant or facility for use in production, testing or evaluation transfers title of the product(s), and irrevocable relieves and saves harmless WIM, Inc. Of any and all liability regarding the use of these products, and any liability or damages incurred from its chemical composition or subsequent reactions of its chemical components with other known or unknown chemicals or compounds, this includes human contact both internal and external regardless if such misuse is intentional or innocent.

When the container(s) have been emptied they should be rinsed with water and that effluent poured into one of the following: A. The same tank of solution, which the product is designed to be used or into a chemical sewer.