

## WIM 3-21 Acid Additive

**HEALTH 1 FIRE 0 REACTIVITY 0**

### Section I General Information

**Trade Name:** WIM 3-21  
**Chemical Family:** Pickling Additive  
**Manufacturer:** WIM Inc.  
**Revised:** May 2009  
**Prepared by:** D.W Irwin  
**Address:** Box 360667, Cleveland OH 44136-0667  
**Telephone:** 440 846-8874  
**Emergency:** 440 846 8874

### Section II Hazardous Ingredients

**Proprietary formulated alkyl amine inhibitor**

**OSHA PEL:** Not established

**ACGI TLV:** Not established

**Other recommended limit:** None recommended

This product contains no ingredients at concentrations of 0.1% or greater that are carcinogens or suspect carcinogens.

### Section III Physical Data

**Sp G.** 1.01  
**Boiling Range:** 100-103 C  
**Evaporation rate:** NA  
**PH:** 9.5 - 10  
**Color:** Clear to light amber, may darken with age.  
**Solubility:** 100% soluble Freezes around 0 C (32 F) returns to solution upon warming.

### Section IV Fire and Explosion

**Flash point (method):** not flammable  
**Auto Ignition Temperature:** NA  
**Extinguishing media:** CO<sub>2</sub>  
**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

### Section V Health

**TLV:** None established. Primary Route of exposure: Skin absorption or ingestion, skin or eye contact. This product may be an irritant. Contact with skin or eyes should be avoided.

### First Aid Procedures:

**Splash : (Eyes)** Flush immediately with large amounts of water for at least 15 minutes. See a physician if burning persists.

## Proprietary Information

**(Skin)** Wash the effected areas with soap and water. Remove the contaminated clothing. Consult a physician if irritation persists.

**(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.**

### Additional measures:

These products are used in highly corrosive acids of various strengths. Determine if the contact is before or after the product has been added to the acid and treat the most appropriate condition. The recommended dose rate is 0.005 to 0.003 of the bath volume. **IF IN DOUBT CONSULT A PHYSICIAN!**

## Section VI Reactivity Data

This chemical **IS STABLE** and hazardous polymerization **WILL NOT** occur.

## Section VII Spill and Leak Procedures

Collect spilt liquid into a suitable container for chemical waste disposal and flush the residual directly into a waste treatment or chemical sewer, following ALL applicable regulations.

### 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 VIII Safe Handling Information

### Special Equipment to be Worn and Used While Handling These Products:

Rubber gloves, face shield or goggles, rubber apron, boots with built-in toe caps

**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 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.

**Material Safety Data Sheet – WIM 3-21 Acid Additive**  
**Proprietary Information**



**SARA HAZARD CLASS:** This product does not contain section 313 chemical reportable ingredients.  
**DOT PROPER SHIPPING NAME:** Cleaning compound, NOI, liquid.  
LABEL DOT IDENT. NO NOI

**HMIS Hazard Codes:** HEALTH 1 FIRE 0 REACTIVITY 0