

WIM 69 Acid Additive

HEALTH 1 FIRE 0 REACTIVITY 0

Section I General Information

Proprietary Information

Trade Name: WIM 69
Chemical Family: Pickling Additive
Manufacturer: WIM Inc.
Revised: June 2005
Prepared by: D.W Irwin
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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%
Alkali hydroxide		2mg/M ³ T		No
Sodium salt		None	None	No
Water				

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

Section III Physical Data

Boiling Point: 100-103 C
Sp G. 1.24
Vapor pressure (mmHg): NA
% volatile: 62.4
Evaporation rate (Ether=1): NA
Vapor density (air=1): NA
Solubility (in water): YES
pH: 12.7
Viscosity: ND
Appearance and Odor: Light amber may darken with age

Section IV Fire and Explosion

Flash point (method): Not flammable
Flammable limits: LeI ND
UE: ND
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

Section V Health

Primary Routes of Entry to Body: Inhalation -No Skin -Yes Ingestion -Yes
Signs and Symptoms of Exposure: High concentrations are irritating to eyes and respiratory tract.
Inhalation Acute: May cause irritation and burns and respiratory damage.
Chronic: May cause skin burns.
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 2mg/M³

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. Consult a physician if irritation persists.
- 4. INGESTION:** If conscious DO NOT induce vomiting. If conscious give large quantities of water. Follow with diluted vinegar, fruit juices or egg whites (beaten with water). Obtain a physician if burning persists.

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 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

Stability: Stable
Incompatibility: Materials to avoid: None known
Hazardous Polymerization: Will not occur
Hazardous Decomposition Products: None known.

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. 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.

Section VIII Safe Handling and Use

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!**

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.

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.

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

DOT PROPER SHIPPING NAME: Cleaning compound, Liquid, NOI

LABEL DOT IDENT. Liquid, NOI

HMIS Hazard Codes: HEALTH 1 FIRE 0 REACTIVITY 0