

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communications Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

PRODUCT NAME: IWC-pH
PRODUCT QA#: 315

SECTION I MANUFACTURER'S INFORMATION

Manufacturer's Name & Address

Northwest Agricultural Products
 821 S. Chestnut
 Pasco, Washington 99301

Emergency Telephone Number: 509-547-8234
 Number for Information: 509-547-8234
 Date Prepared: April 30, 2002 Revised: August 3, 2006

SECTION II HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

| **PRODUCT INFORMATION** | |
|-------------------------|---------------------------------|
| Chemical Name: | |
| Chemical Family: | Water acidifier |
| Formula: | Proprietary |
| NFPA/HMIS: | Health -X, Fire-X, Reactivity-X |

| Hazardous Components | CAS | % | OSHA PEL | ACGIH TLV | TWA |
|----------------------|-----|---|----------|-----------|-----|
| | | | | | |
| | | | | | |

| Non-Hazardous Components- | CAS | % | ACGIH TLV | OSHA PEL |
|---------------------------|-----|---|-----------|----------|
| Water | | | | |
| | | | | |

SECTION III PHYSICAL / CHEMICAL CHARACTERISTICS

| | | | |
|--------------------------|---------------------------|--|-------------|
| Boiling Point: | 100 C° | Specific Gravity (H ₂ O = 1): | 1.094 @ 25C |
| Vapor Pressure (mm Hg.): | negligible | Melting Point: | NA |
| Vapor Density (Air = 1): | Negligible | Evaporation Rate (Butyl Acetate = 1): | Negligible |
| Solubility in Water: | Miscible | | |
| Appearance and Odor: | Clear without slight odor | | |

SECTION IV FIRE AND EXPLOSION HAZARD DATA

| | | | | | |
|-----------------------------------|------|-------------------|----|-----|-----|
| Flash Point (Method Used): | NA | Flammable Limits: | NA | LEL | UEL |
| Extinguishing Media | NA | | | | |
| Special Fire Fighting Procedures: | NA | | | | |
| Unusual Fire and Explosion: | None | | | | |
| Autoignition Temperature | NA | | | | |

SECTION V REACTIVITY DATA

| | | | | |
|---|------------|----------------|-------------------------------------|-----------------------|
| Stability | Unstable | Stable | <input checked="" type="checkbox"/> | Conditions to avoid - |
| Incompatibility (Materials to Avoid) | None Known | | | |
| Hazardous decomposition or by-products | None known | | | |
| Hazardous Polymerization | Will Occur | Will not Occur | <input checked="" type="checkbox"/> | X |
| Conditions to Avoid: Do not mix with strong bases. | | | | |
| Keep out of Reach of Children, Avoid contact with eyes. | | | | |

SECTION VI HEALTH HAZARD DATA

| |
|-------------------|
| Route(s) of Entry |
| Inhalation: YES |

| |
|--------------------|
| Skin Contact: Yes |
| Skin Absorbion: No |
| Ingestion: Yes |
| Eye Contact: Yes |

| | |
|------------------------------------|-------------|
| Health Hazards (Acute and Chronic) | None known. |
|------------------------------------|-------------|

| | | | |
|-----------------|-----------|-----------------------|----------------------|
| Carcinogenicity | NIP No | IARC Monographs No | OSHA Regulated No |
|-----------------|-----------|-----------------------|----------------------|

| | |
|----------------------------------|--------------------------------|
| Signs and Symptoms of Exposure : | Irritated eyes, irritated skin |
|----------------------------------|--------------------------------|

| | |
|--|------------|
| Medical Conditions Generally aggravated by Exposure: | None known |
|--|------------|

| | |
|-------------------------------------|--|
| Emergency and first aid procedures: | Contact a physician immediately. Wash thoroughly and remove contaminated clothing. |
|-------------------------------------|--|

| | |
|--------------------|--------------------|
| Note to Physician: | Product is acidic. |
|--------------------|--------------------|

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

| | |
|------|---|
| EYES | STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Flush with water |
|------|---|

| | |
|--------|---|
| GROUND | STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Can be diluted with large volumes of water. |
|--------|---|

| | |
|------------------------|---------------------------------|
| WASTE DISPOSAL METHOD: | Safe to wash into waste systems |
|------------------------|---------------------------------|

SECTION VIII CONTROL MEASURES

| | | |
|---|-------------------------------------|--------------------------------|
| Respiratory Protection (Specific Type): | Avoid breathing concentrated mists. | |
| Ventilation: | Local Exhaust: None | Special: None |
| | Mechanical(General): None | Other: None |
| Protective Gloves: | General chemical | Eye Protection: Safety Goggles |
| Other Protective Clothing or Equipment: | Protective apron | |
| Work/Hygienic Practices: | Use Good Housekeeping Practices. | |

SECTION IX SPECIAL PRECAUTIONS

| | |
|--|--|
| PRECAUTIONARY STATEMENTS: | Product is acidic. Do not mix with strong bases. |
| OTHER HANDLING AND STORAGE REQUIREMENTS: | |

PREPARED BY: Alan Wicks

ADDRESS: Northwest Agricultural Products
821 S. Chestnut
Pasco, WA 99301

DATE: May 21, 2002 Revised: August 3, 2006

All information, recommendations and suggestions appearing herein concerning our products are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity and suitability for his/her own use of the product described herein. Since the actual use by others is beyond our control, we make no guarantee, expressed or implied, as to the effects of such use, the results to be obtained or the safety and toxicity of the product: nor do we assume any liability arising out of use, by others, of the product referred to herein. The information herein is not to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.