

# SAFETY DATA SHEET



|               |          |
|---------------|----------|
| DATE PRINTED  | 7/1/2015 |
| SDS REF. No : | CR-5110  |

## N VIRO WASH

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Trade Name:** N VIRO WASH

**Product Identification:** CR-5110

**Product:** Industrial or Commercial Use

**Recommended Use:** Industrial or Commercial Use

**General Info Phone:** (972) 247-7111

**Emergency Phone:** (800) 535-5053

**Supplier:**

**ARROW/MAGNOLIA**

P.O. BOX 59089

DALLAS, TX 75229

### 2 HAZARDS IDENTIFICATION

**CLASSIFICATION:**

Serious Eye/Skin Damage/Irritation-Category 3



**SIGNAL WORD: N/A**

**HAZARD STATEMENTS:**

NOT CLASSIFIED AS HAZARDOUS UNDER EC/GHS CRITERIA.

May be harmful and/or fatal if swallowed and enters airways.

May cause eye irritation and/or damage.

May cause skin Irritation.

May cause dizziness, breathing difficulty, headaches and loss of coordination if inhaled.

**PRECAUTIONARY STATEMENTS: PREVENTION**

IF SWALLOWED, ENTERS AIR WAYS OR EYES: CONTACT A PHYSICIAN

Keep/Store away from clothing/.../combustible materials.

Take any precaution to avoid mixing with combustibles

### 3. COMPOSITION

**Chemical Name**

**CAS #**

\* Toxic chemical subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.  
"WARNING: THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM."

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### 4. FIRST AID MEASURES

#### EMERGENCY OVERVIEW

**EYES:** May cause eye irritation.

**SKIN:** May cause skin irritation. Call a physician.

**INHALATION:** May cause respiration irritation.

**INGESTION:** May be harmful if swallowed. Seek medical attention immediately. Do NOT induce vomiting. This product contains a bittering agent, designed to discourage ingestion.

### 5. FIREFIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA:** WATER, FOAM, CO<sub>2</sub>, DRY CHEMICAL, FOG, ALCOHOL FOAM.

**UNSUITABLE EXTINGUISHING MEDIA:** No data for available for this product.

**SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTION FOR FIRE FIGHTERS:** Respiratory equipment should be worn to avoid inhalation of concentrated vapors. No other special precautions or procedures are required.

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILLS:** Flush with water to drain. For large spills, provide good ventilation, dike spill area and add absorbent to liquid. Place in suitable container and dispose of in accordance with local, state and federal regulations.

**LARGE SPILL:** For large spills, provide good ventilation, dike spill area and add absorbent to liquid. Place in suitable container and dispose of in accordance with local, state and federal regulations.

### 7. HANDLING AND STORAGE

**PRECAUTIONS FOR SAFE HANDLING:** Avoid breathing dust, avoid contact with skin, eyes or clothing. Wear the following personal protective clothing during loading, application, repairing, and cleaning of application equipment., and disposal of the pesticide: Long-legged pants; shoes and socks; gloves.

**CONDITIONS FOR SAFE STORAGE, INCLUDING INCOMPATIBILITIES:** Do not store near feed or foodstuffs. Keep out of reach of children and animals.

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### 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Not determined.

**PERSONAL PROTECTIVE EQUIPMENT**

**EYES PROTECTION:** Use chemical safety glasses, goggles, or face shields for eye protection.

**SKIN PROTECTON:** Impermeable chemical handling gloves for skin protection. Long sleeve clothing to cover skin if desired. Wash hands after use.

**RESPIRATORY PROTECTION:** Ventilate to keep airborne exposures below recommended limits  
If excessive exposure is anticipated, it is recommended for handlers to wear a MSHA/NIOSH approved organic respirator with a dust prefilter, impervious gloves, goggles with side shields, and other appropriate clothing to prevent skin contact.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

| <u>Property</u>           | <u>Value</u>     |                        |               |
|---------------------------|------------------|------------------------|---------------|
| Appearance                | CLEAR RED        | Auto Ignition Temp     | NOT AVAILABLE |
| Boiling Point             | NOT AVAILABLE    | Color                  | CLEAR RED     |
| Decomposition Temperature | NOT AVAILABLE    | Evaporation Rate       | NOT AVAILABLE |
| Explosive Limit Ranges    | NOT AVAILABLE    | Explosive Properties   | NOT AVAILABLE |
| Flash Point               | >400 F           | Melting/Freezing Point | NOT AVAILABLE |
| Odor                      | ACID             | Odor Threshold         | NOT AVAILABLE |
| Other Information         | NOT AVAILABLE    | Oxidizing Properties   | NOT AVAILABLE |
| Partition Coeff           | NOT AVAILABLE    | Physical State         | LIQUID        |
| Relative Density          | 1.1815           | Solubility (Water)     | NO            |
| Vapor Density             | HEAVIER THAN AIR | Vapor Pressure         | NOT AVAILABLE |
| Viscosity                 | NOT AVAILABLE    | pH                     | 0.5           |

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### 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY (CONDITIONS TO AVOID):** STABLE.

**MATERIALS AND CONDITIONS TO AVOID:** Reactive metals and strong oxidizers.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide, oxides of nitrogen, chlorine gas and possibly acrolein.

### 11. TOXICOLOGY INFORMATION

**PRIMARY ROUTE OF ENTRY:** Inhalation, eye contact.

**EYES:** May cause eye irritation. Symptoms include stinging, tearing, and redness.

**SKIN:** May cause skin irritation.

**INGESTION:** May be harmful if swallowed.

**INHALATION:** High vapor concentrations may cause respiratory irritation.

**CHRONIC & CARCINOGENICITY:** IARC, NTP, OSHA do not list this product or its ingredients as carcinogens.

**MUTAGENICITY:** No data.

**REPRODUCTIVE TOXITY  
REPRODUCTIVE EFFECTS:** No data.

**TERATOGENIC EFFECTS:** No data.

**GENERAL COMMENTS:** No data.

### 12. ECOLOGICAL INFORMATION

**ECOLOGICAL INFORMATION:** The surfactants used in this preparation complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authority's of the member states and will be available to them at their direct request or at the request of a detergent manufacturer.

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Consult local, state & federal hazardous waste regulating before disposing into approved hazardous waste landfills. Obey relevant laws.

### 14. TRANSPORT INFORMATION

**(Not meant to be all inclusive)**

**TRANSPORTATION:** UN1993, COMPOUND CLEANING, FLAMMABLE LIQUID, 3, PG II  
(CONTAINS METHANOL)

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### 15. REGULATORY INFORMATION

**(Not meant to be all inclusive - selected regulations represented)**

**U.S. FEDERAL REGULATIONS:** There is no calculable reportable quantity (RQ) for this product.

**OSHA:** MSDS is prepared pursuant to the Communication Standard (CRF29 1900.1200) and Canadian WHMIS regulations (Control Products Regulations under the Hazardous Product Act).

**CERCLA:** SARA HAZARD CATEGORY: Section 302 extremely hazardous substance None Section 311 hazardous chemical none

### 16. OTHER INFORMATION

#### HMIS Ratings :

|                            |   |
|----------------------------|---|
| <b>HEALTH</b>              | 1 |
| <b>FLAMMABILITY</b>        | 0 |
| <b>REACTIVITY</b>          | 1 |
| <b>PERSONAL PROTECTION</b> | B |

**MSDS STATUS:** Current

**APPROVED BY:** Tyrone Davis

**TITLE:** Regulatory / Safety Manager

**MANUFACTURER DISCLAIMER:** IMPORTANT: ALL PRECAUTIONS AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED ON THE INGREDIENTS LISTED IN SECTION II AND NOT ON DIRECT TEST DATA. IT IS WRITTEN TO INSURE THAT TLV LIMITS ARE NOT SURPASSED. WHILE THE DESCRIPTIONS, DESIGNS AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE THERE ARE MANY FACTORS THAT MAY AFFECT THE APPLICATION AND/OR USE, WE HIGHLY RECOMMEND THAT YOU GENERATE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, ARE MADE REGARDING THIS PRODUCT. IN NO CASE SHALL THIS INFORMATION OR DATA PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY UNDERSTAND AND AGREE THAT THE INFORMATION AND DATA FURNISHED BY ARROW-MAGNOLIA INTERNATIONAL LP ASSUMES NO OBLIGATION OR LIABILITY FOR THE INFORMATION AND DATA GIVEN OR FOR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR OWN RISK.

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