



# Manufacturers Chemicals

## TYPICAL CHARACTERISTICS:

**APPEARANCE:** OPAQUE WHITE  
EMULSION

**% ACTIVES:** 50

**WATER SOLUBILITY:**  
DISPERSIBLE

**BROOKFIELD VISCOSITY (CPS):**  
25-600

**pH 1%:** 10

**SOLUTION 1%:** WHITE  
EMULSION

**SHELF LIFE:** AT LEAST 6  
MONTHS AT AMBIENT  
TEMPERATURE, PROTECT  
FROM FREEZING

**PACKAGING:** AVAILABLE IN  
DRUM, TOTE AND BULK

## **ACT 47**

- ACT 47 concentrated wax emulsion derived from a blend of waxes designed to provide water repellency to various substrates.
- This product finds application in textile, paper, mining and other industries.

***All data is believed to be correct; however, should not be accepted as a guarantee of accuracy without confirming tests in your own plant or laboratory.***

**“Problem Solving Chemicals Since 1919”**

Manufacturers Chemicals  
4325 Old Tasso Road, Cleveland, TN 37312  
[www.manufacturerschemicals.com](http://www.manufacturerschemicals.com)  
(423) 476-6518



# Safety Data Sheet

PRODUCT NAME:ACT 47

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## SECTION 1. CHEMICAL PRODUCT/COMPANY IDENTIFICATION

**Product Name:**

ACT 47

**Chemical Name:**

WAX EMULSION

**CAS#:**

CHEMICAL BLEND

**Recommended Use:**

INDUSTRIAL PROCESSING AID

**Manufacturer's/Supplier's Identification:**

Manufacturers Chemicals

4325 Old Tasso Rd

Cleveland, TN 37312

Emergency Phone Number: CHEMTREC 800-424-9300

## Section 2. Hazards Identification

**Classification:**

THIS PRODUCT IS NOT HAZARDOUS PER GHS GUIDELINES

**Signal Word:**

NONE REQUIRED

**Symbol:**

None Required

**Hazard Statements:**

NONE

**Precautionary Statements:**

NONE

## SECTION 3. Composition/Information On Hazardous Ingredients

Component Name

CAS Number

% by Weight

No Hazardous Components

None

None

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## Section 4. First Aid Measures

### Eyes:

IMMEDIATELY FLUSH EYES WITH CLEAN WATER FOR AT LEAST 15 MINUTES. IF IRRITATION IS SEVERE OR CONTINUES AFTER RINSING, GET MEDICAL ATTENTION.

### Skin:

REMOVE CONTAMINATED CLOTHING AND WASH AFFECTED SKIN AREAS WITH MILD SOAP AND WATER. IF SKIN IRRITATION IS SEVERE OR CONTINUES, GET MEDICAL ATTENTION. WASH CONTAMINATED CLOTHING BEFORE RE-WEARING. DISCARD CONTAMINATED SHOES.

### Inhalation:

IF AFFECTED BY BREATHING VAPOR, REMOVE INDIVIDUAL TO FRESH AIR. IF BREATHING IS DIFFICULT, GET MEDICAL ATTENTION.

### Ingestion:

IF INGESTED, DO NOT INDUCE VOMITING. CALL A PHYSICIAN.

## Section 5. Fire Fighting Measures

### Suitable Extinguishing Media:

WATER SPRAY OR MIST, CO<sub>2</sub>, DRY CHEMICAL, FOAM.

### Fire Fighting Procedures:

NO SPECIAL PROCEDURES NEEDED.

### Precautions for Fire Fighting:

WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

### Hazardous Combustion Products:

CARBON DIOXIDE, CARBON MONOXIDE, AND VARIOUS HYDROCARBONS MAY BE RELEASED DURING A FIRE.

## Section 6. Accidental Release Measure

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**Personal Precautions/ Protective Equipment:**

REMOVE ALL UNNECESSARY PERSONNEL AND VENTILATE AREA.

**Environmental Precautions:**

KEEP RUN OFF OUT OF MUNICIPAL SEWERS AND OPEN BODIES OF WATER.

**Methods for Cleaning Up:**

CONTAIN SPILL AND SALVAGE AS MUCH MATERIAL AS POSSIBLE BY PUMPING TO A SALVAGE TANK OR DRUM.PICK UP REMAINING MATERIAL WITH A SUITABLE ABSORBENT.

<b><u>Section 7. Handling and Storage</u></b>
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**Precautions for Safe Handling:**

WASH CONTAMINATED CLOTHING BEFORE RE-WEARING.WEAR CHEMICAL SPLASH GOGGLES.AVOID CONTACT WITH EYES, SKIN AND CLOTHING.

**Conditions for Safe Storage:**

STORE AT NORMAL TEMPERATURES AND CONDITIONS OF WAREHOUSING.

**Incompatibilities:**

STRONG OXIDIZERS.

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## Section 8. Exposure Controls and Personal Protection

### Exposure Limits

<u>Chemical Name</u>	<u>CAS #</u>	<u>Exposure Limit/Value</u>	<u>Type</u>	<u>Source</u>
THIS PRODUCT CONTAINS NO SUBSTANCES WITH OCCUPATIONAL EXPOSURE LIMITS.	None	None	None	None

### Appropriate Engineering Controls:

SAFETY SHOWER/EYE BATH.GOOD GENERAL VENTILATION SHOULD BE USED. VENTILATION RATES SHOULD BE MATCHED TO CONDITIONS PRESENT.

### Personal Protective Equipment

#### Eyes:

CHEMICAL SPLASH GOGGLES.

#### Skin:

NOT NORMALLY REQUIRED.

#### Respiratory:

NOT NORMALLY REQUIRED.

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## Section 9. Physical and Chemical Properties

**Appearance:** OPAQUE MILK WHITE LIQUID

**Odor:** MILD

**pH:** 9.18 (1% sol)

**Solubility in Water:** WHITE EMULSION

**Specific Gravity @ 25C:** 0.946 g/mL

**Boiling Point:** 212° F

**Flash Point:** >212° F

**Viscosity @ 25C:** 100 cps

**Melting Point:** Not Available

**Freezing Point:** Not Available

**Vapor Pressure @ 25C:** Not Available

**Evaporation Rate:** Not Available

## Section 10. Stability and Reactivity

**Chemical Stability:**

STABLE UNDER RECOMMENDED STORAGE CONDITIONS.

**Conditions to Avoid:**

DO NOT ALLOW PRODUCT TO FREEZE.

**Incompatible Materials:**

STRONG OXIDIZERS.

**Hazardous Decomposition Products:**

CARBON DIOXIDE, CARBON MONOXIDE AND VARIOUS HYDROCARBONS MAY BE RELEASED DURING A FIRE.

**Possibility of Hazardous Reactions:**

NONE ARE KNOWN.

## Section 11. Toxicological Information

**Acute Health Effects:**

**Eyes:**

CAN CAUSE EYE IRRITATION.

**Skin:**

CAN CAUSE SKIN IRRITATION.

**Ingestion:**

SWALLOWING THIS PRODUCT MAY CAUSE GASTROINTESTINAL IRRITATION.

**Inhalation:**

BREATHING VAPORS AT ELEVATED TEMPERATURES MAY CAUSE RESPIRATORY IRRITATION.

**Chronic Health Effects:**

NONE KNOWN OR EXPECTED.

**Toxicity Values:**

No Data Available

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## Section 12. Ecological Information

**Ecotoxicity:**

NO DATA AVAILABLE.

**Persistence and Degradability:**

NO DATA AVAILABLE.

**Bioaccumulative Potential:**

NO DATA AVAILABLE.

**Mobility in Soil:**

NO DATA AVAILABLE.

**Other Adverse Effects:**

NO DATA AVAILABLE.

## Section 13. Disposal Considerations

DISPOSE OF ONLY BY METHODS APPROVED BY AND USED IN ACCORD WITH LOCAL, STATE AND FEDERAL REGULATIONS.

## Section 14. Transportation Information

**DOT Road Shipment Information (49 CFR 172.101):**

NON REGULATED

**Ocean Shipment (IMDG):**

NON REGULATED

**Air Shipment (IATA):**

NON REGULATED

## Section 15. Regulatory Information

**TSCA Status:** ALL COMPONENTS OF THIS PRODUCT ARE LISTED IN THE TSCA INVENTORY.

**EPA SARA Title III Chemical Listings**

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**Section 302 Extremely Hazardous Substances:**

No

**Section 304 CERCLA Hazardous Substances:**

No

**Section 311/312 Hazard Class:**

**Acute:** No

**Chronic:** No

**Fire:** No

**Pressure:** No

**Reactive:** No

**Section 313 Toxic Chemicals:**

None

**Other Regulatory Information:**

NO DATA AVAILABLE.

<b><u>Section 16. Other Information</u></b>
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**HMIS Profile:**

**Health:**

**Flammability:**

**Reactivity:**

**Personal Protection:**

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**General Information**

ATTENTION: DO NOT REUSE CONTAINER FOR PURPOSES OTHER THAN ORIGINALLY INTENDED. EMPTIED CONTAINER RETAINS VAPOR OR PRODUCT RESIDUE. DO NOT REUSE UNLESS CONTAINER IS THOROUGHLY RECONDITIONED.FOR INDUSTRIAL USE ONLY. USE ONLY ACCORDING TO INFORMATION CONTAINED IN THE TECHNICAL BULLETIN AND SDS.

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**Date of Issue:**

08/25/2015

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Initial

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10204

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