

# SAFETY DATA SHEET

## ADDITIN RC 4803



Version 2.0      Revision Date: 12/05/2020      SDS Number: 103000012632      Date of previous issue: 11/29/2017  
Country / Language: US / EN

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### SECTION 1. IDENTIFICATION

Product name : ADDITIN RC 4803  
Material number : 56592842  
Recommended use : Corrosion inhibitor

#### Manufacturer or supplier's details

Supplier : LANXESS Corporation  
Product Safety & Regulatory Affairs  
111 RIDC Park West Drive  
PittsburghPA 15275-1112  
USA  
Telephone : +1800LANXESS  
+14128091000 (international)  
Emergency telephone : CHEMTREC (800) 424 9300  
International (703) 527 3887  
Lanxess Emergency Phone (800) 410-3063

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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Skin irritation : Category 2  
Reproductive toxicity : Category 2

#### GHS label elements

Hazard pictograms : 

The hazard pictograms consist of two diamond-shaped symbols with red borders. The first symbol shows a black silhouette of a person with a starburst on their chest, representing a health hazard. The second symbol shows a black exclamation mark, representing a general warning.

Signal Word : Warning  
Hazard Statements : Causes skin irritation.  
Suspected of damaging fertility or the unborn child.  
Precautionary Statements : **Prevention:**  
Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.

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Wash skin thoroughly after handling.  
Wear protective gloves/ protective clothing/ eye protection/ face protection.

**Response:**

IF ON SKIN: Wash with plenty of soap and water.  
IF exposed or concerned: Get medical advice/ attention.  
If skin irritation occurs: Get medical advice/ attention.  
Take off contaminated clothing and wash before reuse.

**Storage:**

Store locked up.

**Disposal:**

Dispose of contents/ container to an approved waste disposal plant.

**Hazard Not Otherwise Classified (HNOC)**

None known.

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### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture            : Mixture

**Hazardous ingredients**

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### SECTION 4. FIRST AID MEASURES

If inhaled                            : Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.  
Get medical attention if symptoms appear.

In case of skin contact            : Wash off with soap and plenty of water.  
Remove contaminated clothing and shoes.  
Continue to rinse for at least 10 minutes.  
Get medical attention if symptoms appear.  
Wash contaminated clothing before reuse.

In case of eye contact            : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.  
Remove contact lenses.  
Get medical attention if symptoms appear.

If swallowed                        : Rinse mouth with water.  
Do not induce vomiting. Drink water. Call physician immedi-

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Special protective equipment for fire-fighters : Wear self-contained breathing apparatus for firefighting if necessary.

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : No action shall be taken involving any personal risk or without suitable training.  
Evacuate personnel to safe areas.  
Keep unnecessary and unprotected personnel from entering.  
Do not touch or walk through spilled material.  
Use personal protective equipment.

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.  
Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up : Stop leak if safe to do so.  
Move containers from spill area.  
Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).  
Dispose of wastes in an approved waste disposal facility.  
Do not allow into the sewerage system, surface waters or groundwater or into the soil.

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### SECTION 7. HANDLING AND STORAGE

Technical measures : Ensure that eyewash stations and safety showers are close to the workstation location.

Advice on safe handling : Avoid inhalation, ingestion and contact with skin and eyes.  
Use only with adequate ventilation/personal protection.  
Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use.  
Empty containers retain product residue; observe all precautions for product.  
Do not re-use empty containers.  
Remove contaminated clothing and protective equipment before entering eating areas.  
Workers should wash hands and face before eating, drinking and smoking.  
Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.

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Conditions for safe storage : Store in accordance with local regulations.  
Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink.  
Keep containers sealed until ready for use.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Do not store in unlabeled containers.  
Use appropriate container to avoid environmental contamination.

Further information on storage stability : No decomposition if stored and applied as directed.

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### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

**Engineering measures** : Thermal processing operations should be ventilated to control gases and fumes given off during processing.  
If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

#### Personal protective equipment

Respiratory protection : In the case of vapor formation use a respirator with an approved filter.

#### Hand protection

Material : PVC  
Wearing time : < 60 min

Remarks : Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Eye protection : Wear safety glasses with side shields or goggles.

Skin and body protection : Wear suitable protective clothing.

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.  
Appropriate techniques should be used to remove potentially contaminated clothing.  
Wash contaminated clothing before reusing.

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Ensure that eyewash stations and safety showers are close to the workstation location.

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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : liquid

Color : brown

Odor : No data available

Odor Threshold : No data available

pH : Not applicable

Melting point/range : 7 °F (-14 °C)

Boiling point/boiling range : No data available

Flash point : 327 °F (164 °C)  
Method: closed cup

Evaporation rate : No data available

Flammability (solid, gas) : No data available

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit : No data available

Vapor pressure : No data available

Relative vapor density : No data available

Relative density : No data available

Density : 0.94 g/cm<sup>3</sup> (68 °F (20 °C))

Bulk density : 940 kg/m<sup>3</sup>

Solubility(ies)  
Water solubility : insoluble

Partition coefficient: n-octanol/water : log Pow: > 10  
(for a component of this mixture)

Ignition temperature : No data available

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Decomposition temperature    :    No data available  
  
Viscosity  
  Viscosity, kinematic         :    375 cSt (104 °F (40 °C))  
  
Explosive properties           :    No data available  
  
Oxidizing properties          :    No data available

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### SECTION 10. STABILITY AND REACTIVITY

Reactivity                        :    No specific test data related to reactivity available for this product or its ingredients.  
  
Chemical stability                :    The product is stable.  
  
Possibility of hazardous reactions    :    Under normal conditions of storage and use, hazardous reactions will not occur.  
  
Conditions to avoid                :    Extremes of temperature and direct sunlight.  
  
Incompatible materials            :    Reducing agents  
    :    Oxidizing agents  
    :    Acids and bases  
  
Hazardous decomposition products    :    No decomposition if stored and applied as directed.

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### SECTION 11. TOXICOLOGICAL INFORMATION

The most important known symptoms and effects are described in Section 2 and/or Section 4.

#### Information on likely routes of exposure

Inhalation  
Eye contact  
Skin contact  
Ingestion

#### Acute toxicity

Not classified based on available information.

#### Product:

Acute oral toxicity                :    Acute toxicity estimate: 5,000 mg/kg  
    :    Method: Calculation method

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### **Skin corrosion/irritation**

Causes skin irritation.

### **Serious eye damage/eye irritation**

Not classified based on available information.

### **Respiratory or skin sensitization**

#### **Skin sensitization**

Not classified based on available information.

#### **Respiratory sensitization**

Not classified based on available information.

#### **Germ cell mutagenicity**

Not classified based on available information.

#### **Carcinogenicity**

Not classified based on available information.

#### **IARC**

No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

#### **OSHA**

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

#### **NTP**

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

### **Reproductive toxicity**

Suspected of damaging fertility or the unborn child.

#### **STOT-single exposure**

Not classified based on available information.

#### **STOT-repeated exposure**

Not classified based on available information.

#### **Aspiration toxicity**

Not classified based on available information.

### **Further information**

#### **Product:**

Remarks: No data available



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### SECTION 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

##### Product:

- Toxicity to fish : EC50 (Cyprinodon variegatus (sheepshead minnow)): > 87.5 mg/l  
Exposure time: 96 h
- Toxicity to algae : EC50 (Pseudokirchneriella subcapitata (algae)): 362.6 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

#### Persistence and degradability

##### Product:

- Biodegradability : Result: Readily biodegradable.  
Biodegradation: 62 %  
Exposure time: 28 d

#### Bioaccumulative potential

No data available

#### Mobility in soil

No data available

#### Other adverse effects

##### Product:

- Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
May cause long lasting harmful effects to aquatic life.

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### SECTION 13. DISPOSAL CONSIDERATIONS

- RCRA - Resource Conservation and Recovery Authorization Act : If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

- Disposal methods : The generation of waste should be avoided or minimized wherever possible.  
This material and its container must be disposed of in a safe way.  
Empty containers retain product residue; observe all precau-

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tions for product.  
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.  
Waste disposal should be in accordance with existing federal, state, provincial and/or local environmental controls.

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### SECTION 14. TRANSPORT INFORMATION

#### Domestic regulation

##### DOT

Not regulated as a dangerous good

#### International Regulations

##### IATA-DGR

Not regulated as a dangerous good

##### IMDG-Code

Not regulated as a dangerous good

#### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

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### SECTION 15. REGULATORY INFORMATION

#### CERCLA

None

#### Reportable Quantity

This material does not contain any components with a CERCLA RQ.

#### SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

**SARA 311/312 Hazards** : Skin corrosion or irritation  
Reproductive toxicity

#### SARA 313

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

#### US State Regulations

##### Massachusetts Right To Know

No components are subject to the Massachusetts Right to Know Act.

##### Pennsylvania Right To Know

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9-Octadecenoic acid (Z)-, reaction products with 3- (dodecenyldihydro-2,5-furandione and triethylene-tetramine      68478-81-9      >= 50 - < 70  
Proprietary oleate compound      Trade Secret      >= 20 - < 30  
Proprietary ester compound      Trade Secret      >= 20 - < 30

### California Prop. 65

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive defects.

### TSCA inventory

TSCA : On TSCA Inventory

### TSCA list

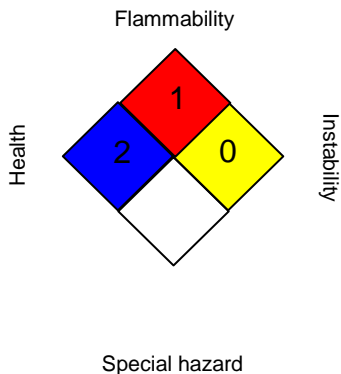
No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

## SECTION 16. OTHER INFORMATION

### Further information

#### NFPA:



#### HMIS® IV:

HEALTH	*	2
FLAMMABILITY		1
PHYSICAL HAZARD		0

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "\*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

LANXESS' method of hazard communication is comprised of Product Labels and Safety Data Sheets. HMIS and NFPA ratings are provided by LANXESS as a customer service.

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