

## 1. IDENTIFICATION

**Product Name:** Nu-Arbor Spray Adjuvant

**Identified Uses:** Intended for agriculture. Not for human consumption.

**Supplier:** Grand Arbor Group, Inc. dba  
Nu-Arbor Tree and Shrub Care  
1730 Olson NE Ste A  
P.O. Box 151455  
Grand Rapids, MI 49515

**Telephone:** (888) 773-8777 / (616) 456-8040

**FAX:** (616) 456-7780

**Email:** [info@nu-arbor.com](mailto:info@nu-arbor.com)

**CHEMTREC**

**Emergency Telephone:** (800) 424-9300

## 2. HAZARDS IDENTIFICATION

Classification:

Skin Irritant 2 H315

Eye Irritant 2B H320

Oral Irritant 4 H302

Hazard pictogram:



Signal word: Warning

Hazard statements: H315 – Causes skin irritation

H319 – Causes eye irritation

H302 – Harmful if swallowed

Precautionary statements:

P264 – Wash thoroughly after handling

P280 – Wear eye/face protection and protective gloves

P270 – Do not eat, drink, or smoke when using this product.

P273 – Avoid release to environment.

P303 – Rinse mouth

P362 – Take off contaminated clothing and wash before reuse

P302+P352 – If on skin: Wash with plenty of soap and water

P308+P313 – If exposed or concerned: Get medical advice/attention

P305+P351+P338 – If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P301+312 – If swallowed, call a poison center/doctor if you feel unwell

P301+312 – If swallowed, call a poison center/doctor if you feel unwell

P332+P313 – If skin irritation occurs: Get medical advice/attention

P337+P313 – If eye irritation occurs: Get medical advice/attention

P501 – Dispose of contents/container in accordance with local/regional/national regulations

NFPA Flammability Level 1



### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Blend of the following ingredients:

Chemical Compound	CAS Number
Emulsifiable Vegetable Oils and Polyethoxylated Esters	67784-80-9
Soybean Oil	8001-22-7

\*Ingredients not specifically listed are non-hazardous and/or are considered to be confidential

### 4. FIRST AID MEASURES

If in Eyes:	Hold eyelid open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor immediately for treatment advice.
If on Skin:	Take off contaminated clothing. Rinse skin immediately with plenty of soap and water for 15-20 minutes. If irritation persists, call a poison control center or doctor immediately for treatment advice.
If Swallowed:	Do not induce vomiting. Give large quantities of water. Do not give anything to an unconscious or convulsing person. Call a poison control center or doctor immediately for treatment advice.
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If irritation persists, call a poison control center or doctor immediately for treatment advice.
Hotline Number:	Have the product container or label with you when calling a poison control center or doctor or going for treatment. In case of emergency, call ChemTrec at 1-800-424-9300.

### 5. FIRE FIGHTING MEASURES

Firefighting notes:	Use product with caution around heat, sparks, pilot lights, static electricity, and open flame.
Suitable extinguishing media:	Use extinguishing media for surrounding cause of fire.
Special Information:	In the event of a fire, wear full protective clothing and NIOSH approved self-contained breathing apparatus.

### 6. ACCIDENTAL RELEASE MEASURES

Spill procedure:	Ventilate area of leak or spill. Wear appropriate personal protective equipment. Capture product and reuse material if uncontaminated. Add sand, earth, or other suitable absorbent to spill area. Minimize skin contact. Keep product out of sewers and watercourses by diking or impounding.
Clean-up:	Mop, vacuum, scoop, or sweep up material and place in container for disposal.

### 7. HANDLING AND STORAGE

Precautions for safe handling:	Keep out of reach of children. Containers of this material may be hazardous when empty since they may contain residues; observe all warnings and precautions listed for the product.
Storage Conditions:	Keep in closed container and properly labeled, store in a cool, dry, ventilated area. Protect against physical damage. Isolate from incompatible substances. May be corrosive to copper, brass or mild steel.

### 8. EXPOSURE CONTROL/PERSONAL PROTECTION

Skin protection:	Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate to prevent skin contact.
Eye protection:	Use chemical safety goggles and/or full-face shield when splashing of solutions is possible. Maintain eye wash and quick-drench facilities in work area.
Ventilation System:	A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, "Industrial Ventilation, A Manual of Recommended Practices", most recent edition, for details.
Personal Respirators (NIOSH):	For conditions of use where exposure to the dust or mist is apparent, a half-face dust/mist respirator may be worn. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator. <b>WARNING:</b> Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.
Other information:	Do not eat, drink, or use tobacco during use. Practice good hygiene after use of this material; especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical description:	Liquid
Color:	Pale Yellow to Brownish-Yellow Liquid
Odor:	No data available
Odor threshold:	No data available
Vapor density:	No data available
pH:	No data available
Relative density:	0.925
Melting/freezing point:	No data available
Solubility:	Soluble in water
Boiling point:	No data available
Flash point:	540 degrees F (closed cup)
Flammability:	No data available

<b>Vapor Pressure:</b>	No data available
<b>Partition coefficient:</b>	No data available
<b>Auto-ignition temperature:</b>	No data available
<b>Viscosity:</b>	No data available

## 10. STABILITY AND REACTIVITY

<b>Chemical stability:</b>	This product is stable and will not react violently with water.
<b>Incompatibility with other materials:</b>	Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite, calcium hypochlorite, etc., as this presents a serious explosion hazard.
<b>Hazardous combustion:</b>	Will not occur.
<b>Hazardous polymerization:</b>	Will not occur.
<b>Hazardous decomposition products:</b>	Fumes, smoke, carbon monoxide, sulfur oxides, aldehydes and other decomposition products, in the case of incomplete combustion.

## 11. TOXICOLOGY

<b>Potential acute toxicity:</b>	
<b>Eyes:</b>	May cause eye irritation.
<b>Skin:</b>	May cause skin irritation.
<b>Ingestion:</b>	May cause nausea, vomiting, or diarrhea.
<b>Potential chronic toxicity:</b>	
<b>Chronic effects:</b>	No known significant effects or critical hazards
<b>Carcinogenic effects:</b>	No known significant effects or critical hazards.
<b>Mutagenic effects:</b>	No known significant effects or critical hazards.
<b>Reproductive toxicity:</b>	No known significant effects or critical hazards.

## 12. ECOLOGICAL INFORMATION

<b>Aquatic ecotoxicity:</b>	Not determined
<b>Biodegradability:</b>	Not determined
<b>Environmental Precautions:</b>	No known significant effects or critical hazards
<b>Mobility:</b>	Not available
<b>Other Adverse Effects:</b>	No known significant effects or critical hazards

## 13. DISPOSAL CONSIDERATIONS

<b>Waste Disposal Method:</b>	This material must be disposed of according to federal, state, or local procedures under the resource conservation and recovery act.
<b>Container Disposal:</b>	Triple rinse and dispose of in accordance the federal, state, and local laws and regulations

## 14. TRANSPORT INFORMATION

<b>Shipping Name:</b>	Not regulated by DOT
<b>Hazard Class:</b>	None
<b>Identification No.:</b>	None
<b>Labels Required:</b>	None

Placarding: None

## 15. REGULATORY INFORMATION

### SARA Title III Information:

Section 302: None listed

Section 311/312: Acute

Section 313: None listed

**CERCLA:** None listed

**California Proposition 65:** None listed.

### U.S. State Worker and Community Right-To-Know (RTK) Information:

## 16. OTHER INFORMATION

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