

# SAFETY DATA SHEET

## BROADCASTIDE PLUS

Version 1.5

SDS Number: 000000031799

Revision Date: 2016.03.31

### SECTION 1. IDENTIFICATION

Product name : BROADCASTIDE PLUS

Product code :

#### Manufacturer or supplier's details

Company : **Osceola Supply, Inc.**  
915 Commerce Blvd.  
Midway, FL 32343  
Business Telephone 1-850-580-9800

Emergency: 800-535-5053

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Acute toxicity (Oral) : Category 4

Acute toxicity (Dermal) : Category 3

Skin corrosion : Category 1B

Serious eye damage : Category 1

#### GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H302 Harmful if swallowed.  
H311 Toxic in contact with skin.  
H314 Causes severe skin burns and eye damage.

Precautionary statements : **Prevention:**  
P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

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### Response:

P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

P362 Take off contaminated clothing and wash before reuse.

### Storage:

P405 Store locked up.

### Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

### Other hazards

The following percentage of the mixture consists of ingredient(s) with unknown acute toxicity: 18.5 %

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Hazardous components

Chemical name	CAS-No.	Concentration (%)
Dimethyldioctylammonium chloride	5538-94-3	10.00 - 15.00
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	68391-01-5	10.00 - 15.00
Quaternary ammonium compounds, coco al-kyltrimethyl, chlorides	61789-18-2	10.00 - 15.00

## SECTION 4. FIRST AID MEASURES

- If inhaled : Move to fresh air.  
If breathing is irregular or stopped, administer artificial respiration. Give oxygen.  
First aider needs to protect himself.  
Call a physician immediately.
- In case of skin contact : Take off all contaminated clothing immediately.  
After contact with skin, wash immediately with plenty of soap and water.  
Call a physician immediately.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
Call a physician immediately.
- If swallowed : Call a physician immediately.  
Clean mouth with water and drink afterwards plenty of water.  
Do not induce vomiting without medical advice.

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Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed : No information available.

Notes to physician : No information available.

### SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Water spray  
Dry powder  
Foam

Specific hazards during firefighting : Heating or fire can release toxic gas.

Further information : Use water spray to cool unopened containers.

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use respirator when performing operations involving potential exposure to vapour of the product.

Environmental precautions

General advice : Do not flush into surface water or sanitary sewer system.

Methods and materials for containment and cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

### SECTION 7. HANDLING AND STORAGE

Advice on safe handling : Avoid contact with skin and eyes.  
Provide sufficient air exchange and/or exhaust in work rooms.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

#### Hazardous components without workplace control parameters

Components	CAS-No.
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	68391-01-5
Dimethyldioctylammonium chloride	5538-94-3
Edetic acid	60-00-4

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### Appropriate engineering controls

### Personal protective equipment

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

Hand protection

Remarks : Wear suitable gloves. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Eye protection : Tightly fitting safety goggles  
Face-shield

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.  
Rubber or plastic apron  
Rubber or plastic boots

Hygiene measures : Wash hands before breaks and immediately after handling the product.  
Avoid contact with skin, eyes and clothing.  
Remove and wash contaminated clothing and gloves, including the inside, before re-use.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Colour : Green

Odour : Lavender

Odour Threshold : no data available

pH : 7.52

Melting point/freezing point : no data available

Boiling point/boiling range : no data available

Flash point : > 99 °C

Evaporation rate : no data available

Upper explosion limit : no data available

Lower explosion limit : no data available

Vapour pressure : no data available

Relative vapour density : no data available

Relative density : 0.9926

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Water solubility	: no data available
Partition coefficient: n-octanol/water	: no data available
Auto-ignition temperature	: no data available
Decomposition temperature	: no data available
Viscosity	
Viscosity, dynamic	: no data available
Viscosity, kinematic	: 7.293 mm <sup>2</sup> /s @ 25° C

### SECTION 10. STABILITY AND REACTIVITY

Reactivity	: Stable under recommended storage conditions.
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### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Acute oral toxicity (LD50)	: 1,140 mg/kg Species: Rat (male and female)
Acute inhalation toxicity (LC50)	: < 0.59 mg/l Species: Rat (male and female)
Acute inhalation toxicity (Acute toxicity estimate)	: > 40 mg/l Exposure time: 4 h Test atmosphere: vapourMethod: Calculation method
Acute dermal toxicity (LD50)	: > 250 mg/kg Species: Rat (male and female)

#### Skin corrosion/irritation

Skin irritation	: Remarks: Moderately Irritating
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#### Serious eye damage/eye irritation

Eye irritation	: Remarks: Can cause severe eye irritation.
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#### Carcinogenicity

##### IARC

No component 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 identified as a carcinogen or potential carcinogen by OSHA.

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### NTP

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

### ACGIH

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Further information

The following percentage of the mixture consists of ingredient(s) with unknown hazards to the aquatic environment: 4 %

### Persistence and degradability

no data available

### Bioaccumulative potential

no data available

### Mobility in soil

no data available

### Other adverse effects

Ozone-Depletion Potential : Regulation: US. EPA Clean Air Act (CAA) Section 602 Ozone-Depleting Substances (40 CFR 82, Subpt. A, App A & B)  
Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Contaminated packaging : Dispose of contents/container in accordance with local regulation.

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### SECTION 14. TRANSPORT INFORMATION

#### IATA

**UN number** : 1760  
**Proper shipping name** : Corrosive liquid, n.o.s.  
(Cocoalkyltrimethylammoniumchloride)  
**Transport hazard class** : 8  
**Packing group** : II  
**Labels** : 8  
**Environmental hazards** : no

#### IMDG

**UN number** : 1760  
**Proper shipping name** : Corrosive liquid, n.o.s.  
(Cocoalkyltrimethylammoniumchloride)  
**Transport hazard class** : 8  
**Packing group** : II  
**Labels** : 8  
**EmS Number 1** : F-A  
**EmS Number 2** : S-B  
**Environmental hazards** : Marine pollutant: no

#### ADR

**UN number** : 1760  
**Proper shipping name** : CORROSIVE LIQUID, N.O.S.  
(Cocoalkyltrimethylammoniumchloride)  
**Transport hazard class** : 8  
**Packing group** : II  
**Classification Code** : C9  
**Hazard Identification Number** : 80  
**Labels** : 8  
**Environmental hazards** : no

#### RID

**UN number** : 1760  
**Proper shipping name** : CORROSIVE LIQUID, N.O.S.  
(Cocoalkyltrimethylammoniumchloride)  
**Transport hazard class** : 8  
**Packing group** : II  
**Classification Code** : C9  
**Hazard Identification Number** : 80  
**Labels** : 8  
**Environmental hazards** : no

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### DOT

**UN number** : 1903  
**Proper shipping name** : Disinfectants, liquid, corrosive n.o.s.  
(Cocoalkyltrimethylammoniumchloride)  
**Transport hazard class** : 8  
**Packing group** : II  
**Labels** : 8  
**Emergency Response Guidebook Number** : 153  
**Environmental hazards** : no

### TDG

**UN number** : 1760  
**Proper shipping name** : CORROSIVE LIQUID, N.O.S.  
(Cocoalkyltrimethylammoniumchloride)  
**Transport hazard class** : 8  
**Packing group** : II  
**Labels** : 8  
**Environmental hazards** : no

**Special precautions for user** : none

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** : Not applicable

## SECTION 15. REGULATORY INFORMATION

### TSCA list

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals.

**Signal word** : DANGER!  
**Hazard statements** : Corrosive. Causes skin burns.  
**EPA No.** : 6836-365

### EPCRA - Emergency Planning and Community Right-to-Know Act

#### CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Edetic acid	60-00-4	5000	*

\*: Calculated RQ exceeds reasonably attainable upper limit.

#### SARA 304 Extremely Hazardous Substances Reportable Quantity



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This material does not contain any components with a section 304 EHS RQ.

### SARA 302

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

### 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.

### Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489).

### Clean Water Act

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

Edetic acid	60-00-4
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The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

Edetic acid	60-00-4
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This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

### US State Regulations

#### Massachusetts Right To Know

Edetic acid	60-00-4
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#### Pennsylvania Right To Know

Quaternary ammonium compounds, coco alkyltrimethyl, chlorides	61789-18-2
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	68391-01-5
Dimethyldioctylammonium chloride	5538-94-3
Tetrasodium ethylenediaminetetraacetate	64-02-8

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### New Jersey Right To Know

Edetic acid	60-00-4
Quaternary ammonium compounds, coco alkyltrimethyl, chlorides	61789-18-2
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	68391-01-5
Dimethyldioctylammonium chloride	5538-94-3
Tetrasodium ethylenediaminetetraacetate	64-02-8
Edetic acid	60-00-4

### California Prop 65

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

## SECTION 16. OTHER INFORMATION

Revision Date : 2016.03.31

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.