

# SAFETY DATA SHEET



## TRANSMATE™ FLORIDA CITRUS BRUSH SOAP

Version 2.0      Revision Date: 12/09/2020      SDS Number: 600000002156      Date of last issue: -  
Date of first issue: 01/02/2015

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### SECTION 1. IDENTIFICATION

Product name : TM FLORIDA CITRUS BRUSH SOAP 5 GA  
Product code : TM142-05 TM142-05

#### Manufacturer or supplier's details

Company name of supplier : Niteo Products, LLC  
Address : Dallas TX 75225  
Email Address : EHS@niteoproducts.com  
Telephone : 1-844-696-4836  
Emergency telephone number : 1-800-424-9300 / 1-703-741-5970

#### Recommended use of the chemical and restrictions on use

Recommended use : CAR WASH  
Restrictions on use : Use only outdoors or in a well-ventilated area.

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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS classification in accordance with 29 CFR 1910.1200

Skin irritation : Category 2  
Serious eye damage : Category 1  
Skin sensitisation : Category 1

#### GHS label elements

Hazard pictograms :

Signal word : Danger

Hazard statements : Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye damage.

Precautionary statements : **Prevention:**

# TRANSMATE™ FLORIDA CITRUS BRUSH SOAP

Version 2.0      Revision Date: 12/09/2020      SDS Number: 600000002156      Date of last issue: -  
Date of first issue: 01/02/2015

Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
Wash skin thoroughly after handling.  
Contaminated work clothing should not be allowed out of the workplace.  
Wear protective gloves/ eye protection/ face protection.

#### Response:

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

#### Disposal:

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

#### Other hazards

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

#### Hazardous components

Chemical name	CAS-No.	Concentration (% w/w)
Sodium C14-16 olefin sulfonate	68439-57-6	>= 10 - < 20
Sodium lauryl sulfate	151-21-3	>= 5 - < 10
Lauramine Oxide	1643-20-5	>= 1 - < 3
Nonylphenol polyethoxylate	9016-45-9	>= 1 - < 5
Hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine	4719-04-4	>= 0.1 - < 1
Lime oil terpenes	68917-71-5	>= 0.1 - < 1

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

## SECTION 4. FIRST AID MEASURES

- General advice : Move out of dangerous area.  
Consult a physician.  
Show this safety data sheet to the doctor in attendance.  
Do not leave the victim unattended.
- If inhaled : If breathed in, move person into fresh air.  
If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of skin contact : If on clothes, remove clothes.  
Remove contaminated clothing. If irritation develops, get medical attention.  
If on skin, rinse well with water.

# SAFETY DATA SHEET



## TRANSMATE™ FLORIDA CITRUS BRUSH SOAP

Version 2.0      Revision Date: 12/09/2020      SDS Number: 600000002156      Date of last issue: -  
Date of first issue: 01/02/2015

---

- Wash contaminated clothing before re-use.  
If skin irritation persists, call a physician.
- In case of eye contact : In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
Continue rinsing eyes during transport to hospital.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.
- If swallowed : Obtain medical attention.  
Do NOT induce vomiting.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.
- Most important symptoms and effects, both acute and delayed : Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye damage.
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### SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Water spray  
Carbon dioxide (CO<sub>2</sub>)
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during fire-fighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : Carbon oxides  
Sulphur oxides
- Specific extinguishing methods : Product is compatible with standard fire-fighting agents.
- Further information : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
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### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.  
Avoid breathing dust.  
Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.
- Environmental precautions : Prevent further leakage or spillage if safe to do so.
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## TRANSMATE™ FLORIDA CITRUS BRUSH SOAP

Version 2.0      Revision Date: 12/09/2020      SDS Number: 600000002156      Date of last issue: -  
Date of first issue: 01/02/2015

Prevent product from entering drains.  
Do not flush into surface water or sanitary sewer system.  
If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.

### SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Advice on safe handling : Do not breathe vapours/dust.  
Do not smoke.  
Avoid contact with skin and eyes.  
Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.  
Dispose of rinse water in accordance with local and national regulations.  
Container hazardous when empty.  
Smoking, eating and drinking should be prohibited in the application area.  
For personal protection see section 8.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.

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

### 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.
Sodium C14-16 olefin sulfonate	68439-57-6
Sodium lauryl sulfate	151-21-3
Lauramine Oxide	1643-20-5
Nonylphenol polyethoxylate	9016-45-9
Hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine	4719-04-4
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Engineering measures : Provide sufficient mechanical (general and/or local exhaust)

# SAFETY DATA SHEET



## TRANSMATE™ FLORIDA CITRUS BRUSH SOAP

Version 2.0      Revision Date: 12/09/2020      SDS Number: 600000002156      Date of last issue: -  
Date of first issue: 01/02/2015

---

ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

### Personal protective equipment

#### Hand protection

Remarks : Wear resistant gloves (consult your safety equipment supplier). The suitability for a specific workplace should be discussed with the producers of the protective gloves. Discard gloves that show tears, pinholes, or signs of wear.

Eye protection : Wear chemical splash goggles and face shield when there is potential for exposure of the eyes or face to liquid, vapor or mist.

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.  
Wear as appropriate:  
Impervious clothing  
Safety shoes

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.  
When using do not smoke.  
When using do not eat or drink.

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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid  
Colour : yellow  
Odour : citrus  
Odour Threshold : not determined  
pH : not determined  
Melting point/freezing point : 0 °C  
Boiling point/boiling range : 100 °C  
Flash point : > 93.3 °C  
Evaporation rate : not determined  
Flammability (solid, gas) : No data available  
Self-ignition : not determined  
Upper explosion limit / Upper flammability limit : not determined

# SAFETY DATA SHEET



## TRANSMATE™ FLORIDA CITRUS BRUSH SOAP

Version 2.0      Revision Date: 12/09/2020      SDS Number: 600000002156      Date of last issue: -  
Date of first issue: 01/02/2015

---

Lower explosion limit / Lower flammability limit : not determined

Vapour pressure : not determined

Relative vapour density : not determined

Density : 1.0186 g/cm<sup>3</sup>

Solubility(ies)  
Water solubility : soluble

Partition coefficient: n-octanol/water : not determined

Decomposition temperature : not determined

Viscosity  
Viscosity, dynamic : not determined  
Viscosity, kinematic : not determined

Molecular weight : No data available

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### SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.

Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reactions : No decomposition if stored and applied as directed.  
Hazardous polymerisation does not occur.

Conditions to avoid : No data available

Incompatible materials : Strong oxidizing agents

Hazardous decomposition products : Sulphur oxides  
Hazardous decomposition products : Carbon oxides

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

Inhalation  
Eye contact  
Skin contact  
Ingestion

#### Acute toxicity

Not classified based on available information.

**TRANSMATE™ FLORIDA CITRUS BRUSH SOAP**

Version 2.0      Revision Date: 12/09/2020      SDS Number: 600000002156      Date of last issue: -  
Date of first issue: 01/02/2015

---

**Product:**

- Acute oral toxicity : Acute toxicity estimate: > 5,000 mg/kg  
Method: Calculation method
- Acute inhalation toxicity : Acute toxicity estimate: > 200 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: Calculation method

**Components:****Sodium C14-16 olefin sulfonate:**

- Acute oral toxicity : LD50 (Rat): 2,079 mg/kg
- Acute inhalation toxicity : LC50 (Rat): > 52 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist
- Acute dermal toxicity : LD50 (Rabbit): > 6,000 mg/kg

**Sodium lauryl sulfate:**

- Acute oral toxicity : LD50 (Rat): 1,200 mg/kg
- Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg  
Assessment: No adverse effect has been observed in acute dermal toxicity tests.

**Lauramine Oxide:**

- Acute oral toxicity : LD50 (Rat): 1,064 mg/kg  
Method: OECD Test Guideline 401
- Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg  
Method: OECD Test Guideline 402  
Assessment: No adverse effect has been observed in acute dermal toxicity tests.

**Nonylphenol polyethoxylate:**

- Acute oral toxicity : LD50 (Mouse): 4,290 mg/kg  
Remarks: Information given is based on data obtained from similar substances.

**Hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine:**

- Acute oral toxicity : LD50 (Rat, male and female): 1,000 mg/kg  
Method: OECD Test Guideline 401
- Acute inhalation toxicity : LC50 (Rat): 0.371 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist
- Acute dermal toxicity : LD50 (Rat): > 4,000 mg/kg  
Assessment: No adverse effect has been observed in acute

# SAFETY DATA SHEET



## TRANSMATE™ FLORIDA CITRUS BRUSH SOAP

Version	Revision Date:	SDS Number:	Date of last issue: -
2.0	12/09/2020	600000002156	Date of first issue: 01/02/2015

---

dermal toxicity tests.

### **Skin corrosion/irritation**

Causes skin irritation.

#### **Product:**

Remarks: May cause skin irritation and/or dermatitis.

#### **Components:**

##### **Sodium C14-16 olefin sulfonate:**

Species: Rabbit

Result: Irritating to skin.

##### **Sodium lauryl sulfate:**

Species: Rabbit

Result: Irritating to skin.

##### **Lauramine Oxide:**

Result: Irritating to skin.

##### **Nonylphenol polyethoxylate:**

Result: Irritating to skin.

##### **Hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine:**

Method: OECD Test Guideline 404

Result: No skin irritation

##### **Lime oil terpenes:**

Result: Irritating to skin.

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

Causes serious eye damage.

#### **Product:**

Remarks: May cause irreversible eye damage.

#### **Components:**

##### **Sodium C14-16 olefin sulfonate:**

Species: Rabbit

Result: Irreversible effects on the eye

##### **Sodium lauryl sulfate:**

Result: Irreversible effects on the eye



**TRANSMATE™ FLORIDA CITRUS BRUSH  
SOAP**

Version	Revision Date:	SDS Number:	Date of last issue: -
2.0	12/09/2020	600000002156	Date of first issue: 01/02/2015

---

**Lauramine Oxide:**

Result: Irreversible effects on the eye

**Nonylphenol polyethoxylate:**

Result: Irritating to eyes.

**Hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine:**

Result: Irritating to eyes.

Method: OECD Test Guideline 405

**Respiratory or skin sensitisation****Skin sensitisation**

May cause an allergic skin reaction.

**Respiratory sensitisation**

Not classified based on available information.

**Product:**

Remarks: May cause allergic skin reaction.

**Components:****Sodium C14-16 olefin sulfonate:**

Species: Guinea pig

Assessment: Does not cause skin sensitisation.

Method: OECD Test Guideline 406

**Sodium lauryl sulfate:**

Species: Mouse

Method: OECD Test Guideline 429

Result: Does not cause skin sensitisation.

Remarks: Information given is based on data obtained from similar substances.

**Hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine:**

Species: Guinea pig

Result: May cause sensitisation by skin contact.

**Lime oil terpenes:**

Assessment: May cause sensitisation by skin contact.

Remarks: May cause allergic skin reaction.

**Germ cell mutagenicity**

Not classified based on available information.

**Components:****Sodium C14-16 olefin sulfonate:**

Genotoxicity in vitro

: Test Type: Ames test

Test system: Salmonella typhimurium

# TRANSMATE™ FLORIDA CITRUS BRUSH SOAP

Version 2.0      Revision Date: 12/09/2020      SDS Number: 600000002156      Date of last issue: -  
Date of first issue: 01/02/2015

---

Metabolic activation: with and without metabolic activation  
Result: negative

### Sodium lauryl sulfate:

Genotoxicity in vitro : Test Type: Ames test  
Test system: Escherichia coli  
Metabolic activation: with and without metabolic activation  
Result: negative

### Lauramine Oxide:

Genotoxicity in vitro : Test Type: Ames test  
Test system: Salmonella typhimurium  
Metabolic activation: with and without metabolic activation  
Method: Mutagenicity (Salmonella typhimurium - reverse mutation assay)  
Result: negative

### Nonylphenol polyethoxylate:

Genotoxicity in vitro : Test Type: Ames test  
Test system: Salmonella typhimurium  
Result: negative  
Remarks: Information given is based on data obtained from similar substances.

### Carcinogenicity

Not classified based on available information.

#### 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 on OSHA's list of regulated carcinogens.

#### 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.

### Reproductive toxicity

Not classified based on available information.

#### STOT - single exposure

Not classified based on available information.

#### STOT - repeated exposure

Not classified based on available information.

### Components:

#### Hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine:

Exposure routes: Inhalation

Target Organs: Respiratory system

Assessment: Causes damage to organs through prolonged or repeated exposure.

# SAFETY DATA SHEET



## TRANSMATE™ FLORIDA CITRUS BRUSH SOAP

Version 2.0      Revision Date: 12/09/2020      SDS Number: 600000002156      Date of last issue: -  
Date of first issue: 01/02/2015

---

### Aspiration toxicity

Not classified based on available information.

### Components:

#### Lime oil terpenes:

The substance or mixture causes concern owing to the assumption that it causes a human aspiration toxicity hazard.

### Further information

#### Product:

Remarks: No data available

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## SECTION 12. ECOLOGICAL INFORMATION

### Toxicity

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Toxic to aquatic life.  
Harmful to aquatic life with long lasting effects.

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : Dispose of in accordance with all applicable local, state and federal regulations.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.

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## SECTION 14. TRANSPORT INFORMATION

Dangerous goods descriptions (if indicated below) may not reflect quantity, end-use, or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

### 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.

### National Regulations

# TRANSMATE™ FLORIDA CITRUS BRUSH SOAP

Version 2.0      Revision Date: 12/09/2020      SDS Number: 600000002156      Date of last issue: -  
Date of first issue: 01/02/2015

**49 CFR**

Not regulated as a dangerous good

**49 CFR**

Not regulated as a dangerous good

**SECTION 15. REGULATORY INFORMATION****EPCRA - Emergency Planning and Community Right-to-Know Act****CERCLA Reportable Quantity**

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
1,4-Dioxane	123-91-1	100	*

\*: Calculated RQ exceeds reasonably attainable upper limit.

**SARA 304 Extremely Hazardous Substances Reportable Quantity**

This material does not contain any components with a section 304 EHS 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  
Serious eye damage or eye irritation  
Respiratory or skin sensitisation

**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.

**California Prop. 65**

WARNING: This product can expose you to chemicals including 1,4-Dioxane, Ethylene Oxide, which is/are known to the State of California to cause cancer, and Ethylene Oxide, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

# SAFETY DATA SHEET



## TRANSMATE™ FLORIDA CITRUS BRUSH SOAP

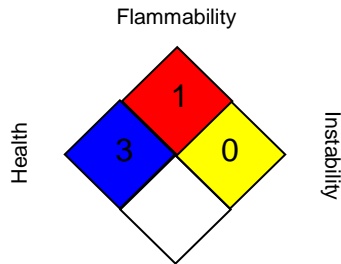
Version 2.0      Revision Date: 12/09/2020      SDS Number: 600000002156      Date of last issue: -  
Date of first issue: 01/02/2015

---

### SECTION 16. OTHER INFORMATION

#### Further information

#### NFPA:



Special hazard.

Revision Date : 12/09/2020

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.

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