

SAFETY DATA SHEET



TRANSMATE™ FORMULA III RED CONDITIONER

Version Revision Date: SDS Number: Date of last issue: 07/23/2015
2.0 12/14/2020 600000002172 Date of first issue: 07/23/2015

SECTION 1. IDENTIFICATION

Product name : TM FORMULA III RED COND 5 GA
Product code : TM190-05 TM190-05

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

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with 29 CFR 1910.1200

Skin irritation : Category 2
Eye irritation : Category 2A
Skin sensitisation : Category 1

GHS label elements

Hazard pictograms : 

Signal word : Warning

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

Precautionary statements : **Prevention:**
Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
Wash skin thoroughly after handling.
Contaminated work clothing should not be allowed out of the

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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.
If skin irritation or rash occurs: Get medical advice/ attention.
If eye irritation persists: 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	$\geq 5 - < 10$
2-Butoxyethanol	111-76-2	$\geq 1 - < 5$
Hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine	4719-04-4	$\geq 0.1 - < 1$

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.
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.
Wash contaminated clothing before re-use.
If skin irritation persists, call a physician.
- In case of eye contact : Immediately flush eye(s) with plenty of water.
Remove contact lenses.
Protect unharmed eye.

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- Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.
- If swallowed : 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 irritation.
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SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Water spray
Carbon dioxide (CO₂)
- 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.
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.

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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

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
2-Butoxyethanol	111-76-2	TWA	20 ppm	ACGIH
		TWA	5 ppm 24 mg/m ³	NIOSH REL
		TWA	50 ppm 240 mg/m ³	OSHA Z-1
		TWA	25 ppm 120 mg/m ³	OSHA P0

Hazardous components without workplace control parameters

Components	CAS-No.
Sodium C14-16 olefin sulfonate	68439-57-6
Hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine	4719-04-4

Biological occupational exposure limits

Components	CAS-No.	Control parameters	Biological specimen	Sampling time	Permissible concentration	Basis
2-Butoxyethanol	111-76-2	Butoxyace-	Urine	End of	200 mg/g	ACGIH

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		tic acid (BAA)		shift (As soon as possible after exposure ceases)	Creatinine	BEI
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Engineering measures : Provide sufficient mechanical (general and/or local exhaust) 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 when there is the potential for exposure of the eyes 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.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid
Colour : red
Odour : fruity
Odour Threshold : not determined
pH : 8 - 9
Melting point/freezing point : 0 °C
Boiling point/boiling range : not determined
Flash point : > 100 °C
Evaporation rate : not determined

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Flammability (solid, gas) : No data available
Self-ignition : not determined
Upper explosion limit / Upper flammability limit : not determined
Lower explosion limit / Lower flammability limit : not determined
Vapour pressure : not determined
Relative vapour density : not determined
Density : 1.0070 g/cm³
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

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

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation
Eye contact

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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
- Acute inhalation toxicity : Acute toxicity estimate: 53.69 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: Calculation method
- Acute dermal toxicity : Acute toxicity estimate: > 5,000 mg/kg
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

2-Butoxyethanol:

- Acute oral toxicity : LD50 (Guinea pig): 1,200 mg/kg
- Acute inhalation toxicity : LC50 (Guinea pig): > 633 ppm
Exposure time: 1 h
Test atmosphere: dust/mist
Assessment: The component/mixture is moderately toxic after short term inhalation.
- Acute dermal toxicity : LD50 (Guinea pig): > 2,000 mg/kg
Assessment: The component/mixture is moderately toxic after single contact with skin.

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 dermal toxicity tests.

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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.

2-Butoxyethanol:

Method: Directive 67/548/EEC, Annex V, B.4.

Result: Irritating to skin.

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

Method: OECD Test Guideline 404

Result: No skin irritation

Serious eye damage/eye irritation

Causes serious eye irritation.

Product:

Remarks: Vapours may cause irritation to the eyes, respiratory system and the skin.

Components:

Sodium C14-16 olefin sulfonate:

Species: Rabbit

Result: Irreversible effects on the eye

2-Butoxyethanol:

Result: Irritating to eyes.

Method: OECD Test Guideline 405

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.

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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

2-Butoxyethanol:

Species: Guinea pig
Method: OECD Test Guideline 406
Result: Not a skin sensitizer.

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

Species: Guinea pig
Result: May cause sensitisation by skin contact.

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
Metabolic activation: with and without metabolic activation
Result: negative

2-Butoxyethanol:

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

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.

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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.

Aspiration toxicity

Not classified based on available information.

Further information

Product:

Remarks: No data available

SECTION 12. ECOLOGICAL INFORMATION

Toxicity

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

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.

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

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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

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)
Ethyl acetate	141-78-6	100	100 (F003)
Diethyl phthalate	84-66-2	1000	*

*: 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 : The following components are subject to reporting levels established by SARA Title III, Section 313:

2-Butoxyethanol 111-76-2 >= 1 - < 5 %

California Prop. 65

WARNING: This product can expose you to chemicals including beta-Myrcene, Safrole, Methyl Eugenol, which is/are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

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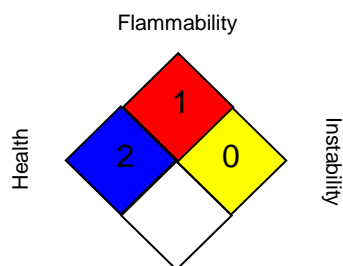
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SECTION 16. OTHER INFORMATION

Further information

NFPA:



Special hazard.

Revision Date : 12/14/2020

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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