

Safety Data Sheet

CMS Big Orange Slice

SDS Date:

08/01/2016

1. Identification

1.1. Product identifier 9385
Product Identity CMS Big Orange Slice
Alternate Names CMS Big Orange Slice
1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use See Technical Data Sheet.
Application Method See Technical Data Sheet.
1.3. Details of the supplier of the safety data sheet
Company Name Commercial Maintenance Supply, Inc.
6021 TARBELL ROAD
SYRACUSE, NEW YORK 13206 USA
Emergency
CHEMTREC (USA) (800) 424-9300
Customer Service: Commercial Maintenance Supply, Inc. 315-437-3806 or 800-955-DRUM

2. Hazard(s) identification

2.1. Classification of the substance or mixture

Flam. Liq. 3;H226	Flammable liquid and vapor.
Skin Irrit. 2;H315	Causes skin irritation.
Eye Irrit. 2;H319	Causes serious eye irritation.
Skin Sens. 1;H317	May cause an allergic skin reaction.
Aquatic Chronic 1;H410	Very toxic to aquatic life with long lasting effects.

2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



Warning

H226 Flammable liquid and vapor.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H410 Very toxic to aquatic life with long lasting effects.

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[Prevention]:

P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.

P235 Keep cool.

P240 Ground / bond container and receiving equipment.

P241 Use explosion-proof electrical / ventilating / light / equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P261 Avoid breathing dust / fume / gas / mist / vapors / spray.

P264 Wash thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves / eye protection / face protection.

[Response]:

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P303+361+353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.

P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P313 Get medical advice / attention.

P321 Specific treatment (see information on this label).

P333+313 If skin irritation or a rash occurs: Get medical advice / attention.

P337+313 If eye irritation persists: Get medical advice / attention.

P362 Take off contaminated clothing and wash before reuse.

P363 Wash contaminated clothing before reuse.

P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.

P391 Collect spillage.

[Storage]:

P403+233 Store in a well ventilated place. Keep container tightly closed.

[Disposal]:

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

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
D-Limonene CAS Number: 0005989-27-5	10	Flam. Liq. 3;H226 Skin Irrit. 2;H315 Skin Sens. 1;H317 Aquatic Acute 1;H400 Aquatic Chronic 1;H410	[1]
Nonylphenol polyethoxylate CAS Number: 0009016-45-9	10	Eye Dam. 2A;H319 Skin Irrit. 2;H315 Aquatic Chronic 2;H411 Acute Tox. 43;H302	[1][3]
Methyl 9-Decenoate CAS Number: 25601-41-6	80	Acute Aquatic Toxicity H400	1

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In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.

4. First aid measures

4.1. Description of first aid measures

General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
Eyes	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
Skin	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
Ingestion	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Overview	Eyes: This product may cause moderate to high irritation. Skin: May cause slight skin irritation. Inhalation: May cause nose, throat, and respiratory irritation. Ingestion: Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea and diarrhea. See section 2 for further details.
Eyes	Causes serious eye irritation.
Skin	May cause an allergic skin reaction. Causes skin irritation.

5. Fire-fighting measures

5.1. Extinguishing media

Carbon dioxide, Foam, Dry Chemical

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: No data available.

5.3. Advice for fire-fighters

Fire fighting procedures: Firefighters should wear full protective clothing including self-contained breathing apparatus. Smother to exclude air. Do not use water to fight fire - can be used to cool containers exposed to heat or flame.

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6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up

Contain or isolate spill or leak area immediately. Keep unauthorized personnel away. Ventilate closed spaces before entering. Eliminate all sources of ignition (no smoking, flares, sparks or flames in immediate area). Do not touch or walk through spilled material. Wear appropriate personal protective equipment during cleanup.

For small spills absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

For large spills dike ahead of liquid spill for later disposal. Prevent entry into waterways, sewers, basements or confined areas. Surfaces may become slippery after spillage.

Disposal: Dispose of in accordance with federal, state and local regulations.

7. Handling and storage

7.1. Precautions for safe handling

The requirements of the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations apply if the flashpoint is between 21°C and 32°C.

Keep away from heat / sparks / open flames / hot surfaces - No smoking.

Keep cool.

Ground / bond container and receiving equipment.

Use explosion-proof electrical / ventilating / light / equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Avoid breathing dust / fume / gas / mist / vapors / spray.

See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Naked flames and smoking should not be permitted in storage areas. It is recommended that fork lift trucks and electrical equipment are protected to the appropriate standard.

Incompatible materials: No data available

Store tightly sealed, full containers in well-ventilated warehouse conditions. Keep away from all heat and sources of ignition. Store away from incompatibles. Always use appropriate protective equipment when handling this product. As with all chemicals, use good industrial hygiene practices.

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Rags soaked with any solvent or oily material present a fire hazard and should always be stored in a UL listed or Factory Mutual approved covered container. Improperly stored rags can create conditions that lead to oxidation that in turn may lead to spontaneous combustion.

See section 2 for further details. - [Storage]:

7.3. Specific end use(s)

No data available.

8. Exposure controls and personal protection

8.1. Control parameters

Exposure

CAS No.	Ingredient	Source	Value
0005989-27-5	D-Limonene	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0009016-45-9	Nonylphenol polyethoxylate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
25601-41-6	Methyl 9-Decenoic		No Established Limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
0005989-27-5	D-Limonene	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;
0009016-45-9	Nonylphenol polyethoxylate	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

8.2. Exposure controls

Respiratory

Not normally required. If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

Eyes

Safety goggles or safety glasses with side shields.

Skin

Use oil resistant gloves

Engineering Controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

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9. Physical and chemical properties

Appearance	Orange Liquid
Odor	Citrus
Odor threshold	Not Measured
pH	Not Measured
Melting point / freezing point	<-20 ° C(-4° F)
Initial boiling point and boiling range	> 235° C (455° F)
Flash Point	> 113 F
Evaporation rate (Ether = 1)	Less than 1
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: Not Measured Upper Explosive Limit: Not Measured
Vapor pressure (Pa)	< 2 mmHg (at 20 C)
Vapor Density	Estimated heavier than air
Specific Gravity	7.39 lb/gal
Solubility in Water	7.81 mg/L @ 20°C
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	250° C (482° F)
Decomposition temperature	Not Measured
Viscosity (cSt)	Not Measured
% Volatile	< 80%
Molecular Formula:	C ₁₁ H ₂₀ O ₂
Molecular Weight:	184

9.2. Other information

No other relevant information.

10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Heat and sources of ignition.

10.5. Incompatible materials

Incompatible with oxidizing agents.

10.6. Hazardous decomposition products

Carbon dioxide, carbon monoxide.

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11. Toxicological information

Acute toxicity

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
D-Limonene - (5989-27-5)	4,400.00, Rat - Category: 5	5,000.00, Rabbit - Category: 5	No data available	No data available	No data available
Nonylphenol polyethoxylate - (9016-45-9)	2,000.00, Rat - Category: 4	No data available	No data available	No data available	No data available
Methyl 0-Decenoic Acid	>2000 mg/kg	>2000 mg/kg	no data available	no data available	no data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	2	Causes skin irritation.
Serious eye damage/irritation	2	Causes serious eye irritation.
Respiratory sensitization	---	Not Applicable
Skin sensitization	1	May cause an allergic skin reaction.
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

12. Ecological information

12.1. Toxicity

Very toxic to aquatic life with long lasting effects.

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
D-Limonene - (5989-27-5)	0.702, Pimephales promelas	0.577, Daphnia magna	Not Available

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Nonylphenol polyethoxylate - (9016-45-9)	1.30, Lepomis macrochirus	4.80, Daphnia pulex	12.00 (96 hr), Pseudokirchneriella subcapitata
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12.1. Toxicity: Fish (fathead minnow) 96 hr LC50 4.4 mg/L (OCED 203); Daphnia magna 48 hr EC50 0.8 mg/L; Algae (Pseudokirchneriella subcapitata) 96 hr ErC50 7.6 mg.

12.2. Persistence and degradability

Estimated half-life at pH4, pH7>1 yr, at pH 9 15.5 hr (25° C, OECD 111). Readily biodegradable (OECD 301B).

12.3. Bioaccumulative potential

Log Pow 4.6 (OECD 117) which indicates a potential for bioaccumulation, however, an estimated BCF of 21.3 L/kg and ready biodegradability indicates a low potential for bioaccumulation.

12.4. Mobility in soil

Absorption/desorption Coefficient Log Koc 3.15 (OECD 121)

12.5. Results of PBT and vPvB assessment

This product contains PBT/vPvB chemicals. Not classified as persistent, bioaccumulative and toxic (PBT). Not classified as very persistent and very bioaccumulative (vPvB)

12.6. Other adverse effects

13. Disposal considerations

No data available.

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

14. Transport information

DOT (Domestic Surface Transportation)

14.1. UN number

NA1760

14.2. UN proper shipping name

NA1760, Compounds, cleaning liquid, (Citrus Terpenes), 3, III

14.3. Transport hazard class(es)

DOT Hazard Class: 3

14.4. Packing group

III

14.5. Special Provisions

DOT Label/Placard Exemption §173.150(f) applies.

14.6. Environmental hazards

IMDG

Marine Pollutant: Yes (D-Limonene)

14.7. Special precautions for user

No further information

15. Regulatory information

Regulatory Overview

The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Toxic Substance Control Act (TSCA)

All components of this material are either listed or exempt from listing on the TSCA Inventory.

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WHMIS Classification B3 D2B

US EPA Tier II Hazards

Fire: Yes

Sudden Release of Pressure: No

Reactive: No

Immediate (Acute): Yes

Delayed (Chronic): No

EPCRA 311/312 Chemicals and RQs:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

New Jersey RTK Substances (>1%) :

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Pennsylvania RTK Substances (>1%) :

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H226 Flammable liquid and vapor.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

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This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

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