

Version: 1.0 Revision Date: 11/06/2019

SAFETY DATA SHEET

1. Identification

Product identifier: CLAIRE DUST UP FLOOR DRESSING & DUSP MOP TREATMENT

Other means of identification SDS number: RE100008142

Recommended restrictions

Product use: Coating Restrictions on use: Not known.

Manufacturer/Importer/Distributor Information

Manufacturer

Company Name:	CLAIRE MANUFACTURING COMPANY
Address:	1000 Integram Dr
	Pacific, MO 63069
Telephone:	1-630-543-7600
Fax:	

Emergency telephone number: 1-866-836-8855

2. Hazard(s) identification

Hazard Classification

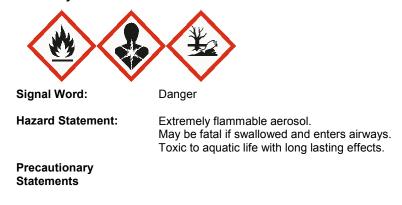
Physical Hazards	
Flammable aerosol	Category 1
Health Hazards	
Aspiration Hazard	Category 1

Environmental Hazards

Acute hazards to the aquatic environment	Category 2
Chronic hazards to the aquatic environment	Category 2

Label Elements

Hazard Symbol:





Prevention:	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid release to the environment.
Response:	IF SWALLOWED: Immediately call a POISON CENTER/doctor Do NOT induce vomiting. Collect spillage.
Storage:	Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store locked up.
Disposal:	Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.
Hazard(s) not otherwise classified (HNOC):	None.

3. Composition/information on ingredients

Chemical Identity	CAS number	Content in percent (%)*
Distillates (petroleum), hydrotreated light	64742-47-8	50 - <100%
White mineral oil (petroleum)	8042-47-5	10 - <20%
Propane	74-98-6	10 - <20%
Naphtha (petroleum), heavy alkylate	64741-65-7	5 - <10%
Terpenes and Terpenoids, sweet orange-oil	68647-72-3	0.1 - <1%

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Ingestion:	Call a physician or poison control center immediately. Rinse mouth. Never give liquid to an unconscious person. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.	
Inhalation:	Move to fresh air.	
Skin Contact:	Wash skin thoroughly with soap and water. Get medical attention if symptoms occur.	
Eye contact:	Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. If eye irritation persists: Get medical advice/attention.	
Most important symptoms/eff	ects, acute and delayed	
Symptoms:	No data available.	
Hazards:	No data available.	
Indication of immediate medical attention and special treatment needed		
Treatment:	No data available.	
5. Fire-fighting measures		
General Fire Hazards:	Use water spray to keep fire-exposed containers cool. Fight fire from a protected location. Move containers from fire area if you can do so without risk.	
Suitable (and unsuitable) exti	nguishing media	

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Suitable extinguishing media:	Use fire-extinguishing media appropriate for surrounding materials.
Unsuitable extinguishing media:	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical:	Vapors may travel considerable distance to a source of ignition and flash back.
Special protective equipment and	d precautions for firefighters
Special fire fighting procedures:	No data available.
Special protective equipment for fire-fighters:	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
6. Accidental release measures	3
Personal precautions, protective equipment and emergency procedures:	Ventilate closed spaces before entering them. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep upwind.
Methods and material for containment and cleaning up:	Absorb spill with vermiculite or other inert material, then place in a container for chemical waste.
Notification Procedures:	Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leak if you can do so without risk.
Environmental Precautions:	Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so. Avoid release to the environment.
7. Handling and storage	
Precautions for safe handling:	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use.
Conditions for safe storage, including any incompatibilities:	Store locked up. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Aerosol Level 3

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

Chemical Identity	Туре	Exposure Limit Values	Source
Distillates (petroleum), hydrotreated light	REL	100 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2005)
Distillates (petroleum), hydrotreated light - Non- aerosol as total hydrocarbon vapor	TWA	200 mg/m3	US. ACGIH Threshold Limit Values (2008)
	TWA	200 mg/m3	US. ACGIH Threshold Limit Values (2008)



White mineral oil (petroleum) - Mist.	REL		5 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2005)
- Wildt.	PEL		5 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	STEL		10 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2005)
	TWA		5 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
White mineral oil (petroleum) - Inhalable fraction.	TWA		5 mg/m3	US. ACGIH Threshold Limit Values (01 2010)
Propane	REL	1,000 ppm	1,800 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2005)
	PEL	1,000 ppm	1,800 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	TWA	1,000 ppm	1,800 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
Naphtha (petroleum), heavy alkylate	PEL	100 ppm	400 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	TWA	100 ppm	400 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	REL	100 ppm	400 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
1,2-Benzenedicarboxylic acid, 1,2-diethyl ester	REL		5 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2005)
, , ,	TWA		5 mg/m3	US. ACGIH Threshold Limit Values (2008)
	TWA		5 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
2,6-Octadienal, 3,7-dimethyl- - Inhalable fraction and vapor.	TWA	5 ppm		US. ACGIH Threshold Limit Values (01 2010)
Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-	TWA	20 ppm		US. ACGIH Threshold Limit Values (2008)
Bicyclo[3.1.1]heptane, 6,6- dimethyl-2-methylene-	TWA	20 ppm		US. ACGIH Threshold Limit Values (2008)

Appropriate Engineering Controls

No data available.

Individual protection measures, such as personal protective equipment

General information:	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory and eye protection may be needed in special circumstances, such as poorly ventilated spaces, heating, evaporation of liquids from large surfaces, spraying of mists, mechanical generation of dusts, drying of solids, etc.
Eye/face protection:	Wear safety glasses with side shields (or goggles).
Skin Protection Hand Protection:	No data available.
Other:	Wear suitable protective clothing.
Respiratory Protection:	In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor.
Hygiene measures:	Observe good industrial hygiene practices. When using do not smoke.

9. Physical and chemical properties

Appearance

Physical state: Form: Color: SDS_US - RE1000029499 liquid Spray Aerosol No data available.



Odor:	No data available.
Odor threshold:	No data available.
pH:	No data available.
Melting point/freezing point:	No data available.
Initial boiling point and boiling range:	No data available.
Flash Point:	-104.4 °C
Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Upper/lower limit on flammability or explosive	e limits
Flammability limit - upper (%):	No data available.
Flammability limit - lower (%):	No data available.
Explosive limit - upper (%):	No data available.
Explosive limit - lower (%):	No data available.
Vapor pressure:	2,413.17 - 3,447.38 hPa
Vapor pressure: Vapor density:	2,413.17 - 3,447.38 hPa No data available.
Vapor density:	No data available.
Vapor density: Density:	No data available. No data available.
Vapor density: Density: Relative density:	No data available. No data available.
Vapor density: Density: Relative density: Solubility(ies)	No data available. No data available. No data available.
Vapor density: Density: Relative density: Solubility(ies) Solubility in water:	No data available. No data available. No data available. No data available.
Vapor density: Density: Relative density: Solubility(ies) Solubility in water: Solubility (other): Partition coefficient (n-octanol/water):	No data available. No data available. No data available. No data available. No data available. No data available.
Vapor density: Density: Relative density: Solubility(ies) Solubility in water: Solubility (other): Partition coefficient (n-octanol/water): Auto-ignition temperature:	No data available. No data available. No data available. No data available. No data available. No data available. No data available.
Vapor density: Density: Relative density: Solubility(ies) Solubility in water: Solubility (other): Partition coefficient (n-octanol/water): Auto-ignition temperature: Decomposition temperature:	No data available. No data available.
Vapor density: Density: Relative density: Solubility(ies) Solubility in water: Solubility (other): Partition coefficient (n-octanol/water): Auto-ignition temperature:	No data available. No data available. No data available. No data available. No data available. No data available. No data available.

10. Stability and reactivity

Reactivity:	No data available.
Chemical Stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	No data available.
Conditions to avoid:	Avoid heat or contamination.
Incompatible Materials:	No data available.
Hazardous Decomposition Products:	No data available.

11. Toxicological information

Information on likely routes of Inhalation:	exposure No data available.
Skin Contact:	No data available.
Eye contact:	No data available.
Ingestion: SDS_US - RE1000029499	No data available.



Symptoms related to the physical, chemical and toxicological characteristics		
Inhalation:	No data available.	
Skin Contact:	No data available.	
Eye contact:	No data available.	
Ingestion:	No data available.	
Information on toxicological effe	ects	
Acute toxicity (list all possible	e routes of exposure)	
Oral Product:	Not classified for acute toxicity based on available data.	
Specified substance(s): Distillates (petroleum), hydrotreated light	LD 50 (Rat): > 5,000 mg/kg	
White mineral oil (petroleum)	LD 50 (Rat): > 5,000 mg/kg	
Naphtha (petroleum), heavy alkylate	LD 50: > 2,000 mg/kg	
Terpenes and Terpenoids, sweet orange-oil	LD 50: > 2,000 mg/kg	
Dermal Product:	Not classified for acute toxicity based on available data.	
Specified substance(s): Distillates (petroleum), hydrotreated light	LD 50 (Rabbit): > 2,000 mg/kg	
White mineral oil (petroleum)	LD 50 (Rabbit): > 2,000 mg/kg	
Naphtha (petroleum), heavy alkylate	LD 50: > 2,000 mg/kg	
Terpenes and Terpenoids, sweet orange-oil	LD 50: > 2,000 mg/kg	
Inhalation Product:	Not classified for acute toxicity based on available data.	
Specified substance(s): Distillates (petroleum), hydrotreated light	LC 50: > 5 mg/l LC 50: > 20 mg/l	
White mineral oil (petroleum)	LC 50 (Rat): > 5 mg/l LC 50: > 20 mg/l	
Propane	LC 50: > 100 mg/l LC 50: > 100 mg/l	
Naphtha (petroleum), heavy alkylate	LD 50: > 5 mg/l	

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Terpenes and Terpenoids, sweet orange-oil	LC 50: > 5 mg/l LC 50: > 20 mg/l
Repeated dose toxicity Product:	No data available.
Specified substance(s): Distillates (petroleum), hydrotreated light	NOAEL (Rat(Female, Male), Inhalation): >= 24 mg/m3 Inhalation Experimental result, Key study NOAEL (Rat(Female), Oral, 70 - 147 d): 750 mg/kg Oral Experimental result, Key study
White mineral oil (petroleum)	NOAEL (Rat(Female, Male), Oral, 90 d): >= 20,000 ppm(m) Oral Experimental result, Key study NOAEL (Rabbit(Female, Male), Dermal): 1,000 mg/kg Dermal Read-across from supporting substance (structural analogue or surrogate), Key study LOAEL (Rat(Female, Male), Inhalation): 210 mg/m3 Inhalation Experimental
Propane	result, Key study NOAEL (Rat(Female, Male), Inhalation, >= 28 d): 4,000 ppm(m) Inhalation Experimental result, Key study LOAEL (Rat(Female, Male), Inhalation, >= 28 d): 12,000 ppm(m) Inhalation Experimental result, Key study
Skin Corrosion/Irritation Product:	No data available.
Specified substance(s): Distillates (petroleum), hydrotreated light	in vivo (Rabbit): Not irritant Experimental result, Key study
White mineral oil (petroleum)	in vivo (Rabbit): Not irritant Experimental result, Key study
Serious Eye Damage/Eye Irritati Product: Specified substance(s): Distillates (petroleum),	ion No data available. Rabbit, 24 - 72 hrs: Not irritating
hydrotreated light	
White mineral oil (petroleum)	Rabbit, 24 - 72 hrs: Not irritating
Respiratory or Skin Sensitizatio Product:	n No data available.
Specified substance(s): Distillates (petroleum), hydrotreated light	Skin sensitization:, in vivo (Guinea pig): Non sensitising
White mineral oil (petroleum)	Skin sensitization:, in vivo (Guinea pig): Non sensitising
Carcinogenicity Product:	No data available.
IARC Monographs on the Evaluation of Carcinogenic Risks to Humans: No carcinogenic components identified	
US. National Toxicology Progra No carcinogenic component	m (NTP) Report on Carcinogens: ts identified



US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): No carcinogenic components identified

Germ Cell Mutagenicity

In vitro Product:	No data available.
In vivo Product:	No data available.
Reproductive toxicity Product:	No data available.
Specific Target Organ Toxicity - Product: Specific Target Organ Toxicity - Product:	No data available.
Aspiration Hazard Product:	No data available.
Specified substance(s): Distillates (petroleum), hydrotreated light White mineral oil (petroleum) Naphtha (petroleum), heavy alkylate Terpenes and Terpenoids, sweet orange-oil	May be fatal if swallowed and enters airways. May be fatal if swallowed and enters airways. May be fatal if swallowed and enters airways. May be fatal if swallowed and enters airways.

Other effects:

No data available.

12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish Product:	No data available.
Specified substance(s): White mineral oil (petroleum)	NOAEL (Oncorhynchus mykiss, 96 h): >= 100 mg/l Experimental result, Key study LL 50 (Oncorhynchus mykiss, 96 h): > 100 mg/l Experimental result, Key study
Propane	LC 50 (Various, 96 h): 147.54 mg/l QSAR QSAR, Key study
Terpenes and Terpenoids, sweet orange-oil	LC 50 (96 h): < 10 mg/l
Aquatic Invertebrates Product:	No data available.
Specified substance(s): White mineral oil (petroleum)	NOAEL (Daphnia magna, 48 h): >= 100 mg/l Experimental result, Key study



Chronic hazards to the aquatic environment:

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Fish Product:	No data available.
Specified substance(s): Distillates (petroleum), hydrotreated light	NOAEL (Oncorhynchus mykiss): 0.098 mg/l QSAR QSAR, Key study
White mineral oil (petroleum)	NOAEL (Oncorhynchus mykiss): >= 1,000 mg/l QSAR QSAR, Supporting study
Aquatic Invertebrates Product:	No data available.
Specified substance(s): White mineral oil (petroleum)	NOAEL (Daphnia magna): >= 1,000 mg/l QSAR QSAR, Supporting study
Toxicity to Aquatic Plants Product: Persistence and Degradability	No data available.
Biodegradation Product:	No data available.
Specified substance(s): Distillates (petroleum), hydrotreated light	61 % Detected in water. Experimental result, Supporting study
White mineral oil (petroleum)	31 % (28 d) Detected in water. Read-across from supporting substance (structural analogue or surrogate), Supporting study
Propane	100 % (385.5 h) Detected in water. Experimental result, Key study 50 % (3.19 d) Detected in water. QSAR, Weight of Evidence study
Terpenes and Terpenoids, sweet orange-oil	< 70 %
BOD/COD Ratio Product:	No data available.
Bioaccumulative potential	
Bioconcentration Factor (BC	:F)
Product:	No data available.
Partition Coefficient n-octanol / w	rater (log Kow)
Product:	No data available.
Mobility in soil:	No data available.
Distillates (petroleum), hydrotreated light	tion to environmental compartments No data available.
White mineral oil	No data available.
(petroleum) Propane	No data available.
Naphtha (petroleum), heavy alkylate	No data available.
Terpenes and Terpenoids, sweet orange-oil	No data available.
Other adverse effects:	Toxic to aquatic organisms.

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13. Disposal considerations

Disposal instructions:

Discharge, treatment, or disposal may be subject to national, state, or local laws.

Contaminated Packaging:

No data available.

14. Transport information

DOT	
UN Number: UN Proper Shipping Name: Transport Hazard Class(es)	UN 1950 Aerosols, flammable
Class: Label(s):	2.1
Packing Group: Marine Pollutant:	ll No
Environmental Hazards: Marine Pollutant	No No
Special precautions for user: IMDG	Not regulated.
UN Number: UN Proper Shipping Name: Transport Hazard Class(es)	UN 1950 Aerosols, flammable
Class: Label(s):	2
EmS No.:	– F-D, S-U
Packing Group:	-
Environmental Hazards: Marine Pollutant	Yes No
Special precautions for user:	Not regulated.
ΙΑΤΑ	
UN Number: Proper Shipping Name: Transport Hazard Class(es): Class: Label(s):	UN 1950 Aerosols, flammable 2.1 –
Packing Group:	-
Environmental Hazards: Marine Pollutant	Yes No
Special precautions for user: Cargo aircraft only:	Not regulated. Allowed.

15. Regulatory information

US Federal Regulations

Restrictions on use: Not known.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) None present or none present in regulated quantities.



Threshold Planning Quantity

CERCLA Hazardous Substance List (40 CFR 302.4):

Chemical Identity

Reportable quantity

PropaneIbs. 1001,2-BenzenedicarboxylicIbs. 1000acid, 1,2-diethyl esterIbs. 1000Bicyclo[3.1.1]hept-2-ene,Ibs. 1002,6,6-trimethyl-Ibs. 100

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Fire Hazard Immediate (Acute) Health Hazards Flammable aerosol Aspiration Hazard

SARA 302 Extremely Hazardous Substance

	<u>Reportable</u>
Chemical Identity	quantity
Distillates (petroleum),	
hydrotreated light	
Terpenes and	
Terpenoids, sweet	
orange-oil	
SARA 304 Emergency Rele	ease Notification
Chemical Identity	Reportable quantity
Distillates (petroleum),	
hydrotreated light	
Propane	lbs. 100
Terpenes and	
Terpenoids, sweet	
orange-oil	
1,2-Benzenedicarboxylic	lbs. 1000
acid, 1,2-diethyl ester	
Bicyclo[3.1.1]hept-2-ene,	lbs. 100
2,6,6-trimethyl-	

SARA 311/312 Hazardous Chemical

Chemical Identity	Threshold Planning Quantity
Distillates (petroleum),	10000 lbs
hydrotreated light	
White mineral oil	10000 lbs
(petroleum)	
Propane	10000 lbs
Naphtha (petroleum),	10000 lbs
heavy alkylate	
Terpenes and Terpenoids,	10000 lbs
sweet orange-oil	
1,2-Benzenedicarboxylic	10000 lbs
acid, 1,2-diethyl ester	
2,6-Octadienal, 3,7-	10000 lbs
dimethyl-	
Bicyclo[3.1.1]hept-2-ene,	10000 lbs
2,6,6-trimethyl-	
Bicyclo[3.1.1]heptane, 6,6-	10000 lbs
dimethyl-2-methylene-	

SARA 313 (TRI Reporting)

None present or none present in regulated quantities.



Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130): Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3) US State Regulations

US. California Proposition 65

No ingredient requiring a warning under CA Prop 65.

US. New Jersey Worker and Community Right-to-Know Act

Chemical Identity

Distillates (petroleum), hydrotreated light White mineral oil (petroleum) Propane Naphtha (petroleum), heavy alkylate

US. Massachusetts RTK - Substance List

No ingredient regulated by MA Right-to-Know Law present.

US. Pennsylvania RTK - Hazardous Substances

Chemical Identity

Distillates (petroleum), hydrotreated light White mineral oil (petroleum) Propane Naphtha (petroleum), heavy alkylate

US. Rhode Island RTK

No ingredient regulated by RI Right-to-Know Law present.

International regulations

Montreal protocol

Distillates (petroleum), hydrotreated light Terpenes and Terpenoids, sweet orange-oil

Stockholm convention

Distillates (petroleum), hydrotreated light Terpenes and Terpenoids, sweet orange-oil

Rotterdam convention

Distillates (petroleum), hydrotreated light Terpenes and Terpenoids, sweet orange-oil

Kyoto protocol



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Inventory Status: Australia AICS:	Not in compliance with the inventory.
EINECS, ELINCS or NLP:	Not in compliance with the inventory.
Japan (ENCS) List:	Not in compliance with the inventory.
China Inv. Existing Chemical Substances:	Not in compliance with the inventory.
Korea Existing Chemicals Inv. (KECI):	Not in compliance with the inventory.
Canada NDSL Inventory:	Not in compliance with the inventory.
Philippines PICCS:	Not in compliance with the inventory.
New Zealand Inventory of Chemicals:	Not in compliance with the inventory.
Japan ISHL Listing:	Not in compliance with the inventory.
Japan Pharmacopoeia Listing:	Not in compliance with the inventory.
Mexico INSQ:	Not in compliance with the inventory.
Ontario Inventory:	Not in compliance with the inventory.
Taiwan Chemical Substance Inventory:	Not in compliance with the inventory.
Canada DSL Inventory List:	On or in compliance with the inventory
US TSCA Inventory:	On or in compliance with the inventory

16.Other information, including date of preparation or last revision

Issue Date:	11/06/2019
Revision Information:	No data available.
Version #:	1.0
Further Information:	No data available.
Disclaimer:	This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.