

# Safety Data Sheet Old Fashioned Milk Paint

SDS Revision Date:

05/25/2016



## 1. Identification

### 1.1. Product identifier

**Product Identity**

Old Fashioned Milk Paint

**Alternate Names**

SDS number OFMP-1

### 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**

The Old Fashioned Milk Paint Co., Inc.  
436 Main Street P.O. Box 222  
Groton, MA 01450-0222

**Emergency**

**24 hour Emergency Telephone No.**

(978) 448-6336

**Customer Service: The Old Fashioned Milk Paint Co., Inc.**

Telephone No: (978) 448-6336

Fax No: (978) 448-2754

[www.milkpaint.com](http://www.milkpaint.com)

## 2. Hazard(s) identification

### 2.1. Classification of the substance or mixture

No applicable GHS categories.

### 2.2. Label elements

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

No applicable GHS categories.

**[Prevention]:**

No GHS prevention statements

**[Response]:**

No GHS response statements

**[Storage]:**

No GHS storage statements

**[Disposal]:**

No GHS disposal statements

## 3. Composition/information on ingredients

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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
Casein CAS Number: 0009000-71-9	25 - 50	Not Classified	[1]
Calcium hydroxide (Ca(OH) <sub>2</sub> ) CAS Number: 0001305-62-0	10 - 25	Skin Irrit. 2;H315 Eye Dam. 1;H318 STOT SE 3;H335	[1][2]
Natural Clay Fillers CAS Number: Proprietary	10 - 25	Eye Irrit. 2;H319	[1][2]
Natural Chalk Fillers CAS Number: Proprietary	10 - 25	Not Classified	[1][2]
Natural Thickener CAS Number: Proprietary	1 - 5	Not Classified	[1]

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, call a physician immediately. Remove stomach contents by gastric suction or induce vomiting only as directed by medical personnel.

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

#### Overview

No specific symptom data available.

The usual small quantities for household use do not present any hazard unless ingested.

## 5. Fire-fighting measures

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## 5.1. Extinguishing media

For dry product use water or carbon dioxide. Product does not burn.

## 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.

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

## 5.3. Advice for fire-fighters

No special procedures required. The product, as distributed, is noncombustible.

ERG Guide No. ----

## 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

Stop the leak, if possible. Ventilate the space involved. Sweep up or vacuum and place in an appropriate waste container. Wash contaminated property thoroughly. Large commercial spills may require a vacuum truck.

## 7. Handling and storage

### 7.1. Precautions for safe handling

None noted

### 7.2. Conditions for safe storage, including any incompatibilities

Avoid contact with moisture/water until ready to use. Keep unused dry product in moisture proof container. Wash thoroughly after handling. Use common sense and good manufacturing practices.

Incompatible materials: Incompatible with strong acids and alcohols (ethanol)

### 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
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0001305-62-0	Calcium hydroxide (Ca(OH) <sub>2</sub> )	OSHA	TWA 15 mg/m <sup>3</sup> (total) 5 mg/m <sup>3</sup> (resp)
		ACGIH	TWA: 5 mg/m <sup>3</sup>
		NIOSH	TWA 5 mg/m <sup>3</sup>
		Supplier	No Established Limit
0009000-71-9	Casein	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
Proprietary	Natural Chalk Fillers	OSHA	TWA 15 mg/m <sup>3</sup> (total) TWA 5 mg/m <sup>3</sup> (resp)
		ACGIH	TWA: 10 mg/m <sup>3</sup> Ceiling: 20 mg/m <sup>3</sup>
		NIOSH	TWA 10 mg/m <sup>3</sup> (total) TWA 5 mg/m <sup>3</sup> (resp)
		Supplier	No Established Limit
Proprietary	Natural Clay Fillers	OSHA	TWA 15 mg/m <sup>3</sup> (total) TWA 5 mg/m <sup>3</sup> (resp)
		ACGIH	TWA: 2 mg/m <sup>3</sup>
		NIOSH	TWA 10 mg/m <sup>3</sup> (total) TWA 5 mg/m <sup>3</sup> (resp)
		Supplier	No Established Limit
Proprietary	Natural Thickener	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

### Carcinogen Data

CAS No.	Ingredient	Source	Value
0001305-62-0	Calcium hydroxide (Ca(OH) <sub>2</sub> )	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;
0009000-71-9	Casein	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;
Proprietary	Natural Chalk Fillers	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;
Proprietary	Natural Clay Fillers	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;
Proprietary	Natural Salts	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;
Proprietary	Natural Thickener	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;

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## 8.2. Exposure controls

### Respiratory

Not required under normal conditions in a well ventilated workplace. A drywall dust mask or (NIOSH) approved respirator for fine dust is recommended under emergency conditions.

### Eyes

Chemical safety glasses are recommended.

### Skin

No specific body protection is necessary. Wear rubber gloves. The breakthrough time of the selected glove(s) must be greater than the intended use period.

### Engineering Controls

Supplementary local exhaust may be needed in poorly ventilated areas or when transferring large quantities.

### 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.

## 9. Physical and chemical properties

### Appearance

Color varies Powder

### Odor

Mild dairy or earthy like when wet.

### Odor threshold

Not determined

### pH

>10 as applied.

### Melting point / freezing point

Not Measured

### Initial boiling point and boiling range

Not Measured

### Flash Point

Not Measured

### Evaporation rate (Ether = 1)

Not Measured

### Flammability (solid, gas)

Not Applicable

### Upper/lower flammability or explosive limits

**Lower Explosive Limit:** Not Measured

**Upper Explosive Limit:** Not Measured

### Vapor pressure (Pa)

Not Measured

### Vapor Density

Not Measured

### Specific Gravity

Not Measured

### Solubility in Water

Not Measured

### Partition coefficient n-octanol/water (Log Kow)

Not Measured

### Auto-ignition temperature

Not Measured

### Decomposition temperature

Not Measured

### Viscosity (cSt)

Not Measured

## 9.2. Other information

No other relevant information.

## 10. Stability and reactivity

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**10.1. Reactivity**

Hazardous Polymerization will not occur.

**10.2. Chemical stability**

Stable at ambient temperatures.

**10.3. Possibility of hazardous reactions**

No data available.

**10.4. Conditions to avoid**

No data available.

**10.5. Incompatible materials**

Incompatible with strong acids and alcohols (ethanol)

**10.6. Hazardous decomposition products**

No hazardous decomposition data available.

## 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
Casein - (9000-71-9)	No data available	No data available	No data available	No data available	No data available
Calcium hydroxide (Ca(OH) <sub>2</sub> ) - (1305-62-0)	7,340.00, Rat - Category: NA	No data available	No data available	No data available	No data available
Natural Clay Fillers - (Proprietary)	No data available	No data available	No data available	No data available	No data available
Natural Chalk Fillers - (Proprietary)	No data available	No data available	No data available	No data available	No data available
Natural Thickener - (Proprietary)	No data available	No data available	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

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Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
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

Harmful to aquatic life with long lasting effects.

#### Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Casein - (9000-71-9)	Not Available	Not Available	Not Available
Calcium hydroxide (Ca(OH)2) - (1305-62-0)	33.884, Clarias gariepinus	Not Available	Not Available
Natural Clay Fillers - (Proprietary)	Not Available	Not Available	Not Available
Natural Chalk Fillers - (Proprietary)	Not Available	Not Available	Not Available
Natural Thickener - (Proprietary)	Not Available	Not Available	Not Available

### 12.2. Persistence and degradability

There is no data available on the preparation itself.

### 12.3. Bioaccumulative potential

Not Measured

### 12.4. Mobility in soil

No data available.

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## 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

## 12.6. Other adverse effects

No data available.

## 13. Disposal considerations

### 13.1. Waste treatment methods

Comply with all Federal, State and Local regulations. Disposal to municipal or industrial waste plants normally requires approval from these authorities before disposal. This product may cause dusting when agitated. For large quantities: Disposal through licensed waste disposal facilities is suggested.

## 14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
<b>14.1. UN number</b>	Not Applicable	Not Regulated	Not Regulated
<b>14.2. UN proper shipping name</b>	Not Regulated	Not Regulated	Not Regulated
<b>14.3. Transport hazard class(es)</b>	<b>DOT Hazard Class:</b> Not Applicable	<b>IMDG:</b> Not Applicable <b>Sub Class:</b> Not Applicable	<b>Air Class:</b> Not Applicable
<b>14.4. Packing group</b>	Not Applicable	Not Applicable	Not Applicable
<b>14.5. Environmental hazards</b>			
<b>IMDG</b>	Marine Pollutant: No		
<b>14.6. Special precautions for user</b>	No further information		

## 15. Regulatory information

<b>Regulatory Overview</b>	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
<b>Toxic Substance Control Act ( TSCA)</b>	All components of this material are either listed or exempt from listing on the TSCA Inventory.
<b>WHMIS Classification</b>	Not Regulated

<b>US EPA Tier II Hazards</b>	<b>Fire:</b> No
	<b>Sudden Release of Pressure:</b> No
	<b>Reactive:</b> No



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**Immediate (Acute):** No

**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%):**

Calcium hydroxide (Ca(OH)<sub>2</sub>)

Natural Chalk Fillers

Natural Clay Fillers

**Pennsylvania RTK Substances (>1%):**

Calcium hydroxide (Ca(OH)<sub>2</sub>)

Natural Chalk Fillers

Natural Clay Fillers

## 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:

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H360 May damage fertility or the unborn child.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

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The information contained herein relates only to specific materials identified. The Old Fashioned Milk Paint Co., Inc. believes that such information is accurate and reliable as of the date of this material safety data sheet, but no representation, guarantee or warranty, express or implied, is made as to the accuracy, reliability, or completeness of the information. The Old Fashioned Milk Paint Co., Inc. urges persons receiving this information to use the PRODUCT BULLETIN and DIRECTIONS as guidelines, and to make their own determination as to the information's suitability and completeness for their particular application.

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