



U.S. Department of Labor

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

IDENTITY (As Used on Label and List)

#870 Liquid Fleetwax

Section I

Manufacturer's Name

The Collinite Corporation

Emergency Telephone Number

315-732-2282

Address (Number, Street, City, State, and ZIP Code)

Utica, New York 13502

Telephone Number for Information

315-732-2282

Signature of Preparer (optional)

Date Prepared: **3-18-2011**

Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity:

OSHA PEL ACGIH TLV

Other Limits

Common Name(s)

Recommended % (optional)

**Distillates, petroleum, hydrotreated light
(CAS 64742-47-8)**

Unavailable 200 ppm* Unavailable

Morpholine (CAS 110-91-8)

20 ppm 20 ppm Unavailable**

**Silica(Flux calcined diatomaceous earth)
(CAS 68855-54-9)**

0.08 mg/m3 Unavailable Unavailable

*A TLV has not been established for this product.

** Skin exposure may contribute to overall exposure to this material. Absorption through the skin should be prevented so that the TLV is not exceeded.

Section III - Physical/Chemical Characteristics

Boiling Point

Solvent: 360-415 °F

Specific Gravity (H₂O = 1)

0.9987

Vapor Pressure (mmHg)

Solvent 30 @38 °C

Solubility in Water

None

Vapor Density (AIR = 1)

Solvent: 5.3

Appearance & Odor

White liquid, strong acid

Reactivity in Water

None

Melting Point

Does not apply

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used): **>199.94 °F >93.3 °C Tag closed cup**

Flammable Limits

LEL

UEL

NFPA Class II Combustible Liquid

.1.1%

6.0%

Extinguishing Media: **Foam, Dry Chemical, CO₂, Water fog or spray.**

Special Fire Fighting Procedures: **Use air-supplied breathing equipment for enclosed areas. Cool exposed containers with water spray. Avoid breathing vapor.**

Auto-Ignition Temperature: **453 °F 233 °C**

Unusual Fire and Explosion Hazards: **Do not mix or store with strong oxidants like liquid chlorine or concentrated oxygen. Also avoid contact with strong alkalis and strong organic acids.**

Section V - Reactivity Data

Stability Unstable Conditions to Avoid

Stable **X** **Fires, high temperatures**

Incompatibility (Materials to Avoid)

Strong oxidants, strong alkalis, strong organic acids, concentrated O2, sodium or calcium hypochlorite.

Hazardous Decomposition or Byproducts: **Fumes, smoke, carbon monoxide and carbon dioxide**

Hazardous May Occur Conditions to Avoid

Polymerization

Will Not Occur **X** **Does not apply**

Section VI - Health Hazard Data

<u>Route(s) of Entry:</u>	<u>Inhalation?</u>	<u>Skin?</u>	<u>Ingestion?</u>
<u>Eyes? Avoid-strong irritant, can cause burns</u>	<u>Avoid-causes dizziness, headache, respiratory irritation from dust</u>	<u>Avoid-strong irritant can cause dry skin, dermatitis</u>	<u>Avoid-do not induce vomiting-call a physician</u>

Health Hazards (Acute and Chronic)

Acute: Dizziness, headache, unconsciousness Chronic: Dry skin, skin irritation, dermatitis

<u>Carcinogenicity:</u>	<u>NTP?</u>	<u>IARC Monographs?</u>	<u>OSHA Regulated?</u>
	<u>Unavailable</u>	<u>Unavailable</u>	<u>Yes: Morpholine</u>

Signs and Symptoms of Exposure: **Skin erythema, headache, light-headedness, transitory upper respiratory irritation(from product dust)**

Medical Conditions Generally Aggravated by Exposure: **dry skin, dermatitis, pre-existing upper respiratory and lung disease(aggrieved by product dust)**

Emergency and First Aid Procedures

If overcome by vapor, remove from exposure, call physician. If ingested, do not induce vomiting. For eye contact, flush with water for 15 minutes.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: **Remove all ignition sources. Recover free liquid. Add absorbent (sand, earth, sawdust) Avoid vapors. Ventilate area**

Waste Disposal Method: **Assure conformity with applicable disposal.**

Precautions to Be taken in Handling and Storing: **Keep containers closed when not in use. Do not store near heat, sparks, flame, strong oxidants, organic acids or alkalis. Adequate ventilation-equivalent to outdoors.**

Other Precautions: **Avoid breathing vapors. Avoid prolonged skin contact.**

Section VIII - Control Measures

Respiratory Protection (Specify Type)

Use hydrocarbon vapor canister or supplied air respiratory protection in confined or enclosed spaces.

<u>Ventilation:</u> Required	<u>Local Exhaust:</u> Face velocity >60 fpm	<u>Special:</u> Adeq. Ventilation
	Mechanical(General) explosive proof	<u>Other:</u> No smoking, fires

Protective Gloves: **Chemical resistant** Eye Protection: **Goggles or face-shield**

Other Protective Clothing or Equipment:**Use chemical resistant apron to avoid repeated/prolonged skin contact**

Work/Hygienic Practices: **Avoid vapors, prolonged skin contact. Wash thoroughly after contact. Remove and launder clothing contaminated.**

* U.S.G.P.O.: 1986 - 491 - 529/45775

THE DATA AND INFORMATION CONTAINED HEREIN ARE BEING FURNISHED FOR INFORMATIONAL PURPOSES ONLY, UPON THE EXPRESS CONDITION THAT EACH CUSTOMER SHALL MAKE ITS OWN ASSESSMENT OF APPROPRIATE USE AND APPROPRIATE SHIPPING, TRANSFER AND STORAGE MATERIALS AND PROCEDURES FOR COLLINITE CORPORATION'S PRODUCTS. ALTHOUGH BASED ON INFORMATION SOURCES WHICH COLLINITE CORPORATION CONSIDERS ACCURATE AND RELIABLE, COLLINITE CORPORATION MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, INCLUDING ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, REGARDING THE VALIDITY OF THIS INFORMATION, THE INFORMATION SOURCES UPON WHICH THE SAME ARE BASED, OR THE RESULTS TO BE OBTAINED, AND EXPRESSLY DISCLAIMS LIABILITIES FOR DAMAGES OR INJURIES RESULTING FROM THE USE THEREOF.