

SAFETY DATA SHEET

Issuing Date 24-Jul-2012

Revision Date 23-Dec-2013

Revision Number 1

Section 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Code(s) 850
Product Name 850 Metal Wax
Synonyms Metal Wax

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Automobiles, Boats, RVs
Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

Company

Collinite Corporation
1520 Lincoln Ave
Utica, NY 13502
TEL: 315-732-2282

For further information, please contact

E-mail Address sales@collinite.com

1.4. Emergency telephone number

Emergency Telephone Number 315-732-2282

Europe	112
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Section 2. Hazards identification

2.1. - Classification of the substance or mixture

Classification according to EU Directives 67/548/EEC or 1999/45/EC

For the full text of the R-phrases mentioned in this Section, see Section 16

The preparation is classified as dangerous in accordance with Directive 1999/45/EC.

Symbol(s) Xn - Harmful
R-code(s) Xn;R65 - R66

2.2. Label Elements

Xn



Indication of danger

Xn - Harmful

R-phrases(s)

R65 - Also harmful: may cause lung damage if swallowed

R66 - Repeated exposure may cause skin dryness or cracking

S-phrase(s)

None

2.3. Other information

None known

Section 3. Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Chemical Name	EC-No	CAS-No	Weight %	Classification	EU - GHS Substance Classification	REACH No.
Petroleum distillates, hydrotreated light	Present	64742-47-8	20-60	R10 Xn;R65 R66	Asp. Tox. 1 (H304)	No data available
Stearic acid	Present	57-11-4	1-10	Xi;R36	Eye Irrit. 2 (H319)	No data available
Morpholine	Present	110-91-8	0-1	R10 Xn; R20/21/22 C; R34	Acute Tox. 4 (H302) Acute Tox. 4 (H312) Skin Corr. 1B (H314) Flam. Liq. 3 (H226) Acute Tox. 4 (H332)	No data available

For the full text of the R-phrases mentioned in this Section, see Section 16

For the full text of the H-Statements mentioned in this Section, see Section 16

Section 4. First aid measures

4.1. Description of first-aid measures

General Advice

If swallowed, get medical help or contact a Poison Control Center right away. Show this safety data sheet to the doctor in attendance.

Eye Contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. If irritation persists, call a physician.

Skin Contact

Wash off immediately with plenty of water. If skin irritation persists, call a physician.

Ingestion

Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.

Inhalation

Move to fresh air. Get medical attention immediately if symptoms occur.

Protection of First-aiders

Avoid contact with skin, eyes and clothing.

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

Most Important Symptoms/Effects No information available.

4.3. Indication of immediate medical attention and special treatment needed

Notes to Physician

Aspiration hazard.

Section 5. Fire-fighting measures

5.1. Extinguishing media

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Extinguishing media which must not be used for safety reasons

None

5.2. Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases
None in particular.

5.3. Advice for firefighters**Special protective equipment for fire-fighters**

As in any fire, wear self-contained breathing apparatus and full protective gear.

Section 6. Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation. Avoid breathing vapors or mists.

6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system.

6.3. Methods and materials for containment and cleaning up

Dike far ahead of liquid spill for later disposal.

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal.

6.4. Reference to other sections

See Section 12 for additional information.

Section 7. Handling and storage**7.1. Precautions for Safe Handling****Handling**

Ensure adequate ventilation. Avoid breathing vapors or mists. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children.

7.3. Specific end use(s)**Exposure Scenario**

No information available.

Other Guidelines

No information available.

Section 8. Exposure controls/personal protection**8.1. Control parameters****Exposure Limits**

Chemical Name	EU	The United Kingdom	France	Spain	Germany
Petroleum distillates, hydrotreated light 64742-47-8					TWA: 20 ppm TWA: 140 mg/m ³ Ceiling / Peak: 40 ppm Ceiling / Peak: 280 mg/m ³
Morpholine 110-91-8	TWA 10 ppm TWA 36 mg/m ³ STEL 20 ppm STEL 72 mg/m ³	STEL: 20 ppm STEL: 72 mg/m ³ TWA: 10 ppm TWA: 36 mg/m ³ Skin	TWA: 10 ppm TWA: 36 mg/m ³ STEL: 20 ppm STEL: 72 mg/m ³	STEL: 20 ppm STEL: 72 mg/m ³ TWA: 10 ppm TWA: 36 mg/m ³	TWA: 10 ppm TWA: 36 mg/m ³ Ceiling / Peak: 20 ppm Ceiling / Peak: 72 mg/m ³
Chemical Name	Italy	Portugal	The Netherlands	Finland	Denmark
Morpholine 110-91-8	TWA: 10 ppm TWA: 36 mg/m ³ STEL: 20 ppm STEL: 72 mg/m ³ Skin	TWA: 20 ppm	Skin STEL: 72 mg/m ³ TWA: 36 mg/m ³	TWA: 10 ppm TWA: 36 mg/m ³ STEL: 20 ppm STEL: 72 mg/m ³ Skin	TWA: 10 ppm TWA: 36 mg/m ³ Skin
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Morpholine 110-91-8	Skin STEL 10 ppm STEL 36 mg/m ³ TWA: 10 ppm TWA: 36 mg/m ³ Ceiling 10 ppm Ceiling 36 mg/m ³	Skin STEL: 20 ppm STEL: 72 mg/m ³ TWA: 10 ppm TWA: 36 mg/m ³	STEL: 72 mg/m ³ TWA: 36 mg/m ³ Skin	TWA: 10 ppm TWA: 36 mg/m ³ Skin STEL: 20 ppm STEL: 54 mg/m ³	TWA: 10 ppm TWA: 36 mg/m ³ STEL: 20 ppm STEL: 72 mg/m ³ Skin

Derived No Effect Level No information available
Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering Measures Showers, eyewash stations, and ventilation systems.
Personal protective equipment
Eye Protection Safety glasses with side-shields.
Skin and Body Protection Wear protective gloves/clothing
Hand Protection Protective gloves.
Respiratory Protection When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Respiratory protection complying with EN 143.

Environmental Exposure Controls No information available.

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State Liquid. **Appearance** Light brown
Odor Pungent.

Property	Values	Remarks/ - Method
pH	8	None known
Melting Point/Range	Not applicable	None known
Boiling Point/Boiling Range	182-212 °C	None known
Flash Point	> 93.3 °C	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Vapor Pressure	No data available	None known

Vapor Density	No data available	None known
Relative Density	No data available	None known
Specific Gravity	1.128	None known
Water Solubility	Insoluble in water.	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition Temperature	No data available	None known
Decomposition Temperature	No data available	None known
Viscosity	Thick Liquid	None known

Explosive Properties No information available
Oxidizing Properties No information available

9.2. Other information

VOC Content (%) No information available
Flammability Limits in Air No information available.

Section 10. Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

None under normal use.

Section 11. Toxicological information

11.1.

Acute Toxicity

Product Information

Inhalation

Eye Contact

Skin Contact

Ingestion

Product does not present an acute toxicity hazard based on known or supplied information.

May cause irritation of respiratory tract.

May cause irritation.

Prolonged skin contact may defat the skin and produce dermatitis.

Potential for aspiration if swallowed. Aspiration may cause pulmonary edema and pneumonitis.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Petroleum distillates, hydrotreated light	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.2 mg/L (Rat) 4 h
Stearic acid	-	5 g/kg (Rabbit)	-
Morpholine	= 1050 mg/kg (Rat)	= 310 mg/kg (Rabbit)	

Sensitization No information available.

Mutagenic Effects	No information available.
Carcinogenic Effects	No information available.
Reproductive Toxicity	No information available.
Developmental Toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Target Organ Effects	Respiratory system.
Aspiration Hazard	Risk of serious damage to the lungs (by aspiration)

Section 12. Ecological information

12.1. Toxicity

Ecotoxicity Effects

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Petroleum distillates, hydrotreated light		LC50 96 h: = 45 mg/L flow-through (<i>Pimephales promelas</i>) LC50 96 h: = 2.2 mg/L static (<i>Lepomis macrochirus</i>) LC50 96 h: = 2.4 mg/L static (<i>Oncorhynchus mykiss</i>)		LC50 96 h: = 4720 mg/L (<i>Den-dronereides heteropoda</i>)
Morpholine	EC50 96 h: = 28 mg/L static (<i>Pseudokirchneriella subcapitata</i>)	LC50 96 h: = 350 mg/L static (<i>Lepomis macrochirus</i>) LC50 96 h: 375 - 460 mg/L (<i>Oncorhynchus mykiss</i>) LC50 96 h: > 1000 mg/L static (<i>Brachydanio rerio</i>)		EC50 24 h: = 100 mg/L (<i>Daphnia magna</i>)

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential.

No information available.

Chemical Name	Log Pow
Morpholine	-2.55

12.4. Mobility in soil

Adsorbs on soil.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

This product does not contain any known or suspected endocrine disruptors.

Section 13. Disposal considerations

13.1. Waste treatment methods

Waste from Residues / Unused Products	Dispose of in accordance with the European Directives on waste and hazardous waste.
Contaminated Packaging	Do not re-use empty containers. Empty containers should be taken to an approved waste handling site for recycling or disposal.
Other Information	According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

Section 14. Transport information**IMDG/IMO**

14.1. UN-Number	Not regulated.
14.2. Proper Shipping Name	Not regulated.
14.3. Hazard Class	Not regulated.
14.4. Packing Group	Not regulated.
Description	Not applicable.
14.5. Marine Pollutant	None.
14.6. Special Provisions	None.
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available.

RID

14.1. UN-Number	Not regulated.
14.2. Proper Shipping Name	Not regulated.
14.3. Hazard Class	Not regulated.
14.4. Packing Group	Not regulated.
Description	Not applicable.
14.5. Environmental hazard	None.
14.6. Special Provisions	None.

ADR

14.1. UN-Number	Not regulated.
14.2. Proper Shipping Name	Not regulated.
14.3. Hazard Class	Not regulated.
14.4. Packing Group	Not regulated.
Description	Not applicable.
14.5. Environmental hazard	None.
14.6. Special Provisions	None.

ICAO

14.1. UN-Number	Not regulated.
14.2. Proper shipping name	Not regulated.
14.3. Hazard Class	Not regulated.
14.4. Packing Group	Not regulated.
Description	Not applicable.
14.5. Environmental hazard	None.
14.6. Special Provisions	None.

IATA

14.1. UN-Number	Not regulated.
14.2. Proper Shipping Name	Not regulated.
14.3. Hazard Class	Not regulated.
14.4. Packing Group	Not regulated.

Description	Not applicable.
14.5. Environmental hazard	None.
14.6. Special Provisions	None.

Section 15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

International Inventories

TSCA	Complies
EINECS/ELINCS	Complies
DSL/NDSL	Complies
PICCS	Not determined
ENCS	Not determined
IECSC	Complies
AICS	Complies
KECL	Complies

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

15.2. Chemical Safety Assessment

No information available

Section 16. Other information

Full text of R-phrases referred to under Sections 2 and 3

R10 - Flammable

R66 - Repeated exposure may cause skin dryness or cracking

R65 - Also harmful: may cause lung damage if swallowed

R34 - Causes burns

R36 - Irritating to eyes

R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed

Full text of H-Statements referred to under sections 2 and 3

H319 - Causes serious eye irritation

H226 - Flammable liquid and vapor

H304 - May be fatal if swallowed and enters airways

EUH066 - Repeated exposure may cause skin dryness or cracking

H302 - Harmful if swallowed

H312 - Harmful in contact with skin

H314 - Causes severe skin burns and eye damage

H332 - Harmful if inhaled

Key literature references and sources for data

www.ChemADVISOR.com/

Issuing Date

24-Jul-2012

Revision Date 23-Dec-2013

Revision Note Change to physical properties.

This safety data sheet complies with the requirements of Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No. 1907/2006

General Disclaimer

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of Safety Data Sheet