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Revision 1

Marine Corps Base Camp Lejeune

Hazardous Consolidation Program

Hazardous Material Management System

MSDS Search and Print Manual

MARINE CORPS BASE CAMP LEJEUNE		
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1. Introduction

The following manual provides guidance for finding, viewing and printing manufacturer Material Safety Data Sheets (MSDS) in the Hazardous Material Management System (HMMS).

All hazardous materials tracked by HMMS must have a MSDS in the system before tracking labels can be printed. Each MSDS entered into HMMS is assigned a unique, HMMS generated, MSDS number. This MSDS number is not the manufacturer's MSDS number and cannot be used by the manufacturer.

There are two types of MSDS for every MSDS number in HMMS;

1. The HMMS MSDS template. The template contains **only** data necessary for environmental reporting. This does not include health and safety data and should never be used as a hardcopy version of the MSDS.
2. The original manufacturer MSDS. This will be attached as a PDF within each MSDS record.

2. Procedure

2.1 HMMS Entrance and Navigation

1. Open Internet Explorer.
2. Enter the HMMS web address:

<https://hmms.mcieast.usmc.mil/pls/msds>

2.2 Using Wildcards to Search

The HMMS search function looks for an exact match to what is typed in the **Search Criteria** field. Wildcards are used when exact information is not present. An example is WD-40. If you type "WD 40" (omitting the dash) in the **Search Criteria** field, HMMS will return "No Data Found" as it is stored in HMMS as "WD-40".

HMMS uses the percent sign (%) as a wildcard. There are four ways to use wildcards to find WD-40.

1. If only the beginning part of a name is known, enter a % at the end.

Search Criteria:

2. If only the end part of a name is known, enter a % at the front.

Search Criteria:

3. If the middle is unknown, enter a % in the middle.

Search Criteria:

- If what is known is in the middle or you are unsure if there is more information to the name, enter a % at the beginning and the end.

Search Criteria: %VVD-40%

Wild cards are not necessary for MSDS Numbers or National Stock Numbers, as these are exact. The wildcards will be used when searching by manufacturer's name, item name, trade name or part number.

2.3 Searching by MSDS Number



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Administration Material Functions

Product/MSDS Search

Search Criteria: 244249 Search By: Product/MSDS Nr Filter:

Group Code	Item Name	Product/MSDS Nr	CAGE	PNI	Manufacturer Name	MSDS Prep Dt	NSN	Active	Ingrid
8010	ENAMEL	244249	OFTT5	0	LIGHTHOUSE FOR THE BLIND INC	17-MAY-05	8010013363980	Y	Y

To find a MSDS by the MSDS number;

- Enter the MSDS Number in the **Search Criteria** field.
- Press the **GO** button to run the search.

2.4 Searching by National Stock Number (NSN)



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Administration Material Functions

Product/MSDS Search

Search Criteria: 8010013363980 #

Search By: NSN Filter: []

Group Code	Item Name	Product/MSDS Nr	CAGE	PNI	Manufacturer	Exp Dt	NSN	Active	Ingrid
8010	ENAMEL	244249	OFTT5	0	LIGHTHOUSE FOR THE BLIND INC		8010013363980	Y	Y

To find a MSDS by the National Stock Number;

1. Enter the NSN in the **Search Criteria** field. (**Do not use dashes**)
2. Select **NSN** in the **Search By** field.
3. Press the **GO** button to run the search.

2.5 Searching by Manufacturer



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Administration Material Functions

Product/MSDS Search

Search Criteria: %LIGHTHOUSE% #

Search By: Manufacturer Name Filter: []

Group Code	Item Name	Product/MSDS Nr	CAGE	PNI	Manufacturer	Exp Dt	NSN	Active	Ingrid
8010	ENAMEL	244249	OFTT5	0	LIGHTHOUSE FOR THE BLIND INC	AY-05	8010013363980	Y	Y
8010	ENAMEL	244350	OFTT5	0	LIGHTHOUSE FOR THE BLIND INC	IG-03	8010008489272	Y	Y
8010	PRIMER COATING	244398	OFTT5	0	LIGHTHOUSE FOR THE BLIND INC	R-03	8010002970593	Y	Y
8010	PAINT, RUBBER	244422	OFTT5	0	LIGHTHOUSE FOR THE BLIND INC	UN-02	8010005824743	Y	Y
8010	PRIMER COATING	244423	OFTT5	0	LIGHTHOUSE FOR THE BLIND INC	04-AUG-03	8010008998825	Y	Y
8010	ENAMEL	244424	OFTT5	0	LIGHTHOUSE FOR THE BLIND INC	05-AUG-03	8010013316105	Y	Y

To find a MSDS by the manufacturer;

1. Enter the manufacturer's name in the **Search Criteria** field. (use wildcards before and after the name)
2. Select **Manufacturer Name** in the **Search By** field.
3. Press the **GO** button to run the search.

2.6 Open and Print a MSDS


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Administration Material Functions

Product/MSDS Search

Search Criteria: 244249 Search By: Product/MSDS Nr Filter:

Group Code	Item Name	Product/MSDS Nr	CAGE	PNI	Manufacturer Name	MSDS Prep Dt	NSN	Active	Ingrid
8010	ENAMEL	244249	OFTTS	0	LIGHTHOUSE FOR THE BLIND INC	17-MAY-05	8010013363980	Y	Y

1. Press the View Record icon  to open the MSDS.

Note: Do not press the Print icon. This will print the HMMS template of the MSDS, not the Manufacturer's MSDS.

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Product/MSDS Information

Identification

Group Code: 8010 [MSDS Prep Dt]: 17-MAY-2005 Active

CAGE: OFTTS [Ingredients]

Manufacturer Name: LIGHTHOUSE FOR THE BLIND INC

Item Name: ENAMEL

Trade Name: ECO-SURE INDUSTRIAL ENAMEL PAINT, GLOSS GREEN 14062

Hazard Code: B CTS Code: L Calc Specific Gravity: .797

Specification Number: A-A-2787 Specification Type/Grade/Class: TYPE I

Pages

- Identification
- Product Formulations
- Hazards
- First Aid
- Fire Fighting
- Accidental Release
- Handling & Storage
- Exposure Controls
- Properties
- Stability & Reactivity
- Toxicological Info
- Disposal
- Transporter Information
- Regulatory Info
- Other

Functions

- Duplicate Product/MSDS
- Attach Manufacturer MSDS
- Print Manufacturer MSDS**
- Print Repackaging Label

Product/MSDS (1)

Ingredients (9)

2. Press the **Print Manufacturer MSDS** link under the Functions section.

Section 1—Chemical Product And Company Identification

Manufacturer: LHB Industries
 Emergency Telephone Number: (800) 424-9300 (Chemtec)
 8633 Redford Place
 Information Telephone Number: (314) 424-2339
 Bellevue, MO 63134
 Date of Preparation: May 17, 2005

Product ID: ECO-SURE Industrial Enamel Paint
 Specification: A-A-2787 Type I, Gloss Green 14062
 LHB Part Number: 0274-HQ
 National Stock Number: 8310-01-336-3980
 CAUSE Code: OPTTS
 Contract Number: 038-10F-40277

Section 2—Composition / Information On Ingredients

CAS No.	Ingredient	WT%	ADGH TLV <HTEP>	OSHA PEL <HTEP>	MSDF Pressure (mm Hg, 20°C)
6474-85-4	Liquid Petroleum Gas	27	100 ppm	NE	80 ppm @ 100°F
67-64-1	Acetone	23	500 ppm	1000 ppm	160
123-85-4	Butyl Acetate	16	<150 ppm>	150 ppm	7.8
115-123	Methyl Isobutyl Ketone	4	100 ppm	NE	2.0
123-42-3	Chloroform	2	50 ppm	NE	0.2
115-22-2	Methyl Amyl Ketone	2	100 ppm	NE	2.0
107-97-9	Methyl Propyl Ketone	<2	<200 ppm>	200 ppm	27.8
115-150	Isobutyl Acetate	<2	150 ppm	NE	12.2
71-36-3	Butyl Alcohol	<2	50 ppm	NE	<1.0

Section 3—Hazards Identification

ROUTES OF EXPOSURE: Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE: Irritation of eyes, skin and upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNAL AND INVENTORY OF OVEREXPOSURE: headache, dizziness, nausea, and loss of coordination are indicators of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate skin or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None generally recognized.

CANCER INFORMATION: For complete discussion of toxicology data refer to Section 11.

Section 4—First Aid Measures

INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.

SKIN CONTACT: Remove contaminated clothing and launder before reuse. Wash with soap and water.

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes and get medical attention after flushing.

INGESTION: DO NOT INDUCE VOMITING. Give nothing by mouth. Get immediate medical attention.

Section 5—Fire Fighting Measures

FLASH POINT: <0°F

EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemicals, Foam

SPECIAL EXPOSURE HAZARDS: Do not expose to temperatures over 120°F. Keep away from heat, sparks and flame. Containers may explode when exposed to extreme heat. Applications to hot surfaces require special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL PROTECTIVE EQUIPMENT: Water may be used to keep fire-exposed containers cool. Fire fighters should wear full protective clothing, including self-contained breathing equipment.

NFLPA RATINGS: HEALTH: 1, FLAMMABILITY: 4, REACTIVITY: 2

HMSD CLASSIFICATION: HEALTH: 2, FLAMMABILITY: 4, REACTIVITY: 2

Section 6—Accidental Release Measures

PERSONAL PRECAUTIONARY MEASURE: Avoid inhalation. Use good ventilation. Read entire label before using and follow all label directions.

ENVIRONMENTAL PRECAUTIONARY PROCEDURE FOR CLEANUP/ABSORPTION: Dispose of in accordance with applicable Federal, State & Local regulations. Remove ignition sources and work with non-sparking tools. Use of absorbent materials.

Section 7—Handling and Storage

HANDLING: Keep out of reach of children. Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively. During use and until all vapors are gone, keep area ventilated. Do not smoke. Extinguish all flames, pilot lights, and heaters—Turn off stoves, electric tools and appliances, and any other source of ignition. Consult NFPA Code. Use approved bonding and grounding procedures. Contents under pressure. Do not puncture, incinerate, or expose to temperatures above 120°F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of reach of children.

STORAGE: DATE: OPTTS—NFPA 308 Level 2 Aerosol
 Do not store where temperatures may exceed 120°F (48.9°C).

Section 8—Exposure Controls/Personal Protection

ENGINEERING CONTROLS: Local Exhaust preferred. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits.

RESPIRATORY PROTECTION: If personal exposure cannot be controlled to below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2. When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust that may be generated from this product, underlying paint, or the substrate.

GLOVES: None required for normal application or aerosol products where a minimal skin contact is expected. For long or repeated contact wear chemical resistant gloves.

SKIN PROTECTION: Impervious clothes to protect skin. Wash promptly when skin becomes contaminated.

EYES: Safety glasses with side shields or chemical goggles.

OTHER PERSONAL PROTECTION DATA: Use only with adequate ventilation. Avoid contact with skin and eyes. Wash hands after using. This coating may contain materials classified as nuisance particulates (listed as dust in Section 2) that may be present at hazardous levels only during sanding or abrading of the dried coating.

3. The MSDS will open in a new window in PDF format.
4. Press the Print icon or Save to your desktop.
5. Close the PDF window.

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Product/MSDS Information

Identification

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CAGE: OFTT5 [Ingredients]

[Manufacturer Name]: LIGHTHOUSE FOR THE BLIND INC

Item Name: ENAMEL

Trade Name: ECO-SURE INDUSTRIAL ENAMEL PAINT, GLOSS GREEN 14062

Hazard Code: B CTS Code: L Calc Specific Gravity: .797

Specification Number: A-A-2787 Specification Type/Grade/Class: TYPE I

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- Toxicological Info
- Disposal
- Transporter Information
- Regulatory Info
- Other

6. Press the **Yellow Back Arrow** in HMMS to find another MSDS or close HMMS.

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3. Points of Contact

MCIEAST HMMS MSDS MANAGER

MCB Camp Lejeune

Building 1037

Voice: 910-450-6216

Fax: 910-450-6213

Email: MSDS@usmc.mil

