

LECO CORPORATION -- 501-636 VANADIUM PENTOXIDE

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MSDS Safety Information
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FSC: 6630
NIIN: 01-300-6118
MSDS Date: 12/01/1994
MSDS Num: BZGBN
Product ID: 501-636 VANADIUM PENTOXIDE
MFN: 03
Kit Part: Y
Responsible Party
Cage: FO436
Name: LECO CORPORATION
Address: 3000 LAKEVIEW AVE
City: ST JOESP
H MI 49085-2319
Info Phone Number: 616-983-5531
Emergency Phone Number: 616-983-5531
Preparer's Name: DUANE OSTENSON
Review Ind: Y
Published: Y

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Preparer Co. when other than Responsible Party Co.
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Cage: FO436
Assigned Ind: Y
Name: LECO CORPORATION
Address: 3000 LAKEVIEW AVENUE
Box: NK/
City: ST. JOSEPH MI 49085

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Contractor Summary
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Cage: 94174
Name: LECO CORPORATION
Address: 3000 LAKEVIEW AVE.
City: ST JOSEPH MI 49085-2396
Phone: 616-983-5531
Cage: FO436
Name: LECO CORPORATION
Address: 3000 LAKEVIEW AVENUE
Box: NK/
City: ST. JOSEPH MI 49085
Phone: (616) 983-5531

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Item Description Information
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Item Manager: FLZ
Item Name: ANALYZER,GAS
Unit of Issue: EA
UI Cont

ainer Qty: 1

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Ingredients
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Cas: 1314-62-1
RTECS #: YW1355000
Name: VANADIUM
% Wt: 99.5
OSHA PEL: 0.5 MG/CUM
ACGIH TLV: 0.05 MG/CUM (DUST)
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS
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Health Hazards Data
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Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Carcinogeni
city Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: EYES: MODERATE TO SEVERE IRRITANT & POSSIBLE CORNEAL INJURY. SKIN: HARMFUL, MAY BE ABSORBED. MAY CAUSE LOCAL IRRITATION. INHALATION: CAN IRRITATE THE RESPIRATORY TRACT. OVEREXPOSURE MAY RESULT IN CHRO NIC BRONCHITIS & ALLERGIC SKIN REACTION, & POSSIBLE LUNG INJURY IN SUSCEPTIBLE INDIVIDUALS, EFFECTS ARE REVERSIBLE.
Explanation Of Carcinogenicity: NONE
Signs And Symptoms Of Overexposure: IRRITATION, REDDENING, ITCHING , CHEST TIGHTNESS, WHEEZING, COUGHING, ABDOMINAL DISCOMFORT, NAUSEA, VOMITING, CRAMPS
Medical Cond Aggravated By Exposure: PERSONS W/ASTHMATIC CONDITIONS.
First Aid: EYES: FLUSH W/WATER FOR 10-20 MINS. SKIN: WASH W/SOAP & WATER. INHALATION: LEAVE AREA & GET FRESH AIR. HELP BREATHING IF NECESSARY. INGESTION: GIVE 2 GLASSES OF WATER. INDUCE VOMITING IF CONSCIOUS. OB TAIN MEDICAL ATTENTION IN ALL CASES.

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Handling and Disposal
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Spill Release Procedures: MATERIAL SHOULD BE SWEEPED UP/VACCUMED, USING VENTILATION TO CONTROL THE LEVEL OF AIRBORNE DUST. AVOID USING COMPRESSED AIR/ANY METHOD THAT CREATES AIRBORNE DUST, PERSONNEL SHOULD WEAR SKIN, EYE & RESPI RATORY PROTECTION.
Waste Disposal Methods: DISPOSE OF SOLID MATERIALS, RESIDUES & EMPTY CONTAINERS IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS. DON'T USE PROCEDURES THAT GENERATE DUST. NA918

8. UN2862.

Handling And Storage Precautions: KEEP CONTAINER DRY IN CLOSED CONTAINERS.

Other Precautions: PERSONNEL SHOULD CLEAN UP AFTER HANDLING THE PRODUCT &
AVOID AREAS WHERE FUME/DUST IS PRESENT.

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Fire and Explosion Hazard Information
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Lower Limits: NONE

Upper Limits: NONE

Extinguishing Media: USE EXTINGUISHING MEDIA SUITABLE FOR TYPE OF SURROUNDING
FIRE.

Fire Fighting Procedures:

AVOID PROCEDURES THAT MAY CREATE DUST. FIRES

INVOLVING VANADIUM PENTOXIDE, WEAR FULL PROTECTIVE EQUIPMENT

W/POSITIVE-PRESSURE BREATHING APPARATUS.

Unusual Fire/Explosion Hazard: NO FIRE HAZARD.

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Control Measures
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Respiratory Protection: USE MSHA APPROVED RESPIRATORS IN DUSTY AREAS.

Ventilation: SUFFICIENT VENTILATION TO KEEP EXPOSURE TO DUST BELOW EXPOSURE
LIMITS.

Protective

Gloves: RECOMMENDED

Eye Protection: REQUIRED

Other Protective Equipment: DUST-RESISTANT SAFETY GLASSES W/SIDE SHIELDS,
FACILITIES TO FLUSH EYES W/WATER.

Work Hygienic Practices: AVOID CONTAMINATION OF WORK CLOTHING.

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Physical/Chemical Properties
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M.P/F.P Text: 1274F

Decomp Text: 3182F

Vapor Pres: 0

Spec Gravity: 3.36

Solubility in Water: 0.8

Appearance and Odor: YELLOW ORANGE POWDER

W/NO ODOR

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: MOISTURE

Materials To Avoid: CHLORINE/HYDROCHLORIC ACID

Hazardous Decomposition Products: VANADIUM OXYTRICHLORIDE

Hazardous Polymerization Indicator: NO

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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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=====
HAZCOM Label
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Product ID: 501-636 VANADIUM PENTOXIDE

Cage: FO436

Assigned IND: Y

Company Name: LECO CORPORATION

Street: 3000 LAKEVIEW AVENUE

PO Box: NK/

City: ST. JOSEPH MI

Zipcode: 49085

Health Emergency Phone: 616-983-5531

Label Required IND: Y

Date Of Label Review: 12/16/1998

Status Code: C

Label Date: 12/16/1998

Origination Code: G

Hazard And Precaution

s: EYES: MODERATE TO SEVERE IRRITANT & POSSIBLE

CORNEAL INJURY. SKIN: HARMFUL, MAY BE ABSORBED. MAY CAUSE LOCAL IRRITATION.
INHALATION: CAN IRRITATE THE RESPIRATORY TRACT. OVEREXPOSURE MAY RESULT IN
CHRONIC BRONCHITIS & ALLERGIC SKIN REACTION, & POSSIBLE LUNG INJURY
IN SUSCEPTIBLE INDIVIDUALS, EFFECTS ARE REVERSIBLE. IRRITATION,
REDDENING, ITCHING, CHEST TIGHTNESS, WHEEZING, COUGHING, ABDOMINAL DISCOMFORT,
NAUSEA, VOMITING, CRAMPS

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