

MATERIAL SAFETY DATA SHEET



Hornady Case Sizing
Lubricant

MSDS DATE: 11/10/06

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Hornady Case Sizing Lubricant

TRADE NAMES: Hornady Case Sizing Lubricant

SYNONYMS: Case Lube

PART NUMBERS: 050009

MANUFACTURER/ DISTRIBUTOR: Hornady Manufacturing Company

ADDRESS: 3625 W. Old Potash Hwy
Grand Island, NE 68803

EMERGENCY PHONE: 800-338-3220

CHEMTREC PHONE: 800-424-9300 **CHEMTREC INTERNATIONAL:** +703-527-3887

OTHER CALLS: (308) 382-1390

PRODUCT USE: Lubricant for re-sizing brass cartridge cases.

PREPARED BY: M. Spencer

HMIS® Ratings

HEALTH	0	
FLAMMABILITY	1	
REACTIVITY	0	
PERSONAL PROTECTION	A	

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS:

<u>NAME</u>	<u>CAS#</u>	<u>%WT</u>	<u>313</u>	<u>OSHA PEL</u> <u>TWA (ppm)</u>	<u>ACGIH TLV</u> <u>TWA (ppm)</u>
Vegetable Oils*	8001-79-4	>9%	NO	5mg/m ³ (STEL) (mist only)	N/A

SECTION 2 NOTES: *This component is considered a OSHA hazardous chemical ONLY in the mist form.

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Do not take internally. Avoid prolonged contact with skin. Avoid contact with eyes. May cause skin irritation, eye irritation, respiratory irritation, gastric irritation/ diarrhea.

ROUTES OF ENTRY: Inhalation, ingestion, eyes, skin absorption.

POTENTIAL HEALTH EFFECTS

EYES: May cause mild irritation. Symptoms may include stinging, tearing and redness.

SKIN: May cause mild skin irritation.

INGESTION: May cause abdominal pain and gastrointestinal irritation. May cause diarrhea.

INHALATION: Breathing small amounts of vapors during normal use is not likely to cause harmful effects; breathing large amounts may cause lung irritation.

ACUTE HEALTH HAZARDS: Irritation (eyes, skin, respiratory tract, gastro-intestinal tract).

CHRONIC HEALTH HAZARDS: None known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known

CARCINOGENICITY

OSHA: No

IARC: No

OTHER:

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SECTION 4: FIRST AID MEASURES

EYES: Immediately flush with large amounts of water for at least 15 minutes. If irritation develops, or if there is any visual distortion, call physician.

SKIN: Wash affected skin thoroughly with soap and water. If symptoms persist, seek medical attention.

INGESTION: Do not induce vomiting. Seek medical attention.

INHALATION: If symptoms develop, move individual away from exposure and into fresh air. Seek medical attention.

SECTION 4 NOTES:

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: 7%
(% BY VOLUME) LOWER: 1%

FLASH POINT:

F: 401°

C: 205°

METHOD USED: Open Cup

AUTOIGNITION TEMPERATURE:

F: 653°

C: 345°

HMIS HAZARD CLASSIFICATION

HEALTH: 0

FLAMMABILITY: 1

Physical: 0

OTHER: PPE=A

EXTINGUISHING MEDIA: Foam, carbon dioxide, dry chemical. Water spray may be suitable.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear full face SCBA and protective clothing. Avoid exposure to smoke and fumes.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

HAZARDOUS DECOMPOSITION PRODUCTS: Miscellaneous organic compounds, some possibly toxic.

SECTION 5 NOTES:

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

Small Spill: Surfaces may be slippery. Absorb liquid with floor absorbent or other absorbent material. Dispose of absorbent in accordance with all federal, state and local regulations.

Large Spill: Same as small spill. Dike drains, sewers, etc. to prevent runoff.

SECTION 6 NOTES:

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Store in a cool dry location. Avoid breathing mists or vapors when using product. Avoid excessive or prolonged contact with skin. Keep container closed and away from heat and flame.

SECTION 7 NOTES:

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Provide mechanical ventilation if needed.

VENTILATION: Don't use product in enclosed area. Normal room ventilation is usually sufficient.

RESPIRATORY PROTECTION: Not generally needed for normal product use. If excessive misting occurs use NIOSH approved mask or respirator rated for mists/vapors.

EYE PROTECTION: Safety goggles are recommended to prevent mist from entering eyes.

SKIN PROTECTION: If prone to skin irritation, or anticipate prolonged or excessive exposure to product, use chemical resistant gloves.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None

WORK HYGIENIC PRACTICES: Because the use of this product is generally associated with handling firearm cartridges and/or components, always wash hands thoroughly after use and before eating, drinking or using tobacco to reduce exposure to lead and other products of firearm discharge.

SECTION 8 NOTES:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear to lightly colored (light yellow) translucent liquid

ODOR: Mild

PHYSICAL STATE: Liquid

pH AS SUPPLIED: N/D

pH (Other): N/A

BOILING POINT: 595°F

MELTING POINT: N/A

FREEZING POINT: N/A

VAPOR PRESSURE (mmHg): N/A

VAPOR DENSITY (AIR = 1): N/A

SPECIFIC GRAVITY (H₂O = 1): 0.96

EVAPORATION RATE: N/A

SOLUBILITY IN WATER: Immiscible

PERCENT SOLIDS BY WEIGHT: N/A

PERCENT VOLATILE: N/A

VOLATILE ORGANIC COMPOUNDS (VOC): N/A

MOLECULAR WEIGHT: N/A, Mixture

VISCOSITY: N/A

SECTION 9 NOTES:

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID (STABILITY): High heat, static electricity, sparks or flames.

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizing agents, nitric acid and sulfuric acid.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Miscellaneous organic compounds, some possibly toxic.

HAZARDOUS POLYMERIZATION: Will not occur

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SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

Skin: 50 mg dose, Time: 48 hours, Subject: Human, Effects: mild irritation
Eyes: 500mg dose, Time: N/A, Subject: Rabbit, Effects: mild irritation

	Vegetable Oil
LD-50 (oral)	>5000 mg/kg (rat)
LC-50 (inhalation)	3 ppm (rat, 4 hours)
IDLH	ND

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: This product has no ecological information available.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Recycle if possible. User is responsible for disposing of waste in accordance with all Federal, State and local regulations.

RCRA HAZARD CLASS: None

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME:
HAZARD CLASS:
ID NUMBER:
PACKING GROUP:
LABEL STATEMENT:

SECTION 14 NOTES: Not Regulated

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Intentional ingredients of this product are listed if applicable.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): None

311/312 HAZARD CATEGORIES: None

313 REPORTABLE INGREDIENTS: None

STATE REGULATIONS (Right-To-Know): None

CA. PROPOSITION 65:

The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986:
This product contains the following substance(s) known to the state of California to cause cancer: NONE

SECTION 15 NOTES: *Not intended to be all-inclusive, only selected regulations represented.*

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SECTION 16: OTHER INFORMATION

DISCLAIMER: Hornady Manufacturing Company believes the information contained in this MSDS to be accurate and complete as of the date of publication, however no responsibility is assumed for the suitability of this data to the end user or for omissions or errors in its content. This sheet should be provided to all who use, handle, transport or store the material in question.