

I N D I R E C T A I R C A R R I E R C E R T I F I C A T E

INTERGLOBAL FORWARDING SERVICES INC
 1A COLONY ROAD
 JERSEY CITY, NJ 07305
 FMC # 2747
 TELEPHONE NUMBER : 2018588560
 TSA APPROVAL NUMBER: EA9402060

Airline: C.A.L. CARGO AIR LINES LTD

Air Waybill : 700-74129860	Our Reference: 02FFAE24111411
Scheduled Flt: 0592	Departure : 01 FEB 24
Origin : JFK	Destination : TLV
Pieces : 1	Gross Wt : 13.6 K

Total Number and name of each unknown shipper represented is 0

Items being offered for transportation less than 16ounces 0

"INTERGLOBAL FORWARDING SERVICES INC
 is in compliance with its TSA-approved security program and
 all applicable security directives. Our number assigned by
 TSA is EA9402060. All cargo tendered in conjunction with
 this certification was either 1) accepted from a known
 shipper or an unknown shipper in accordance with TSA
 requirements specified in the Indirect Air Carrier Standard
 Security Program or 2) accepted under transfer from another
 aircraft operator, foreign air carrier, or IAC operating
 under a TSA-approved or accepted security program. The
 individual whose name appears below certifies that he or she
 is an employee or authorized representative of
 INTERGLOBAL FORWARDING SERVICES INC
 and understands that any fraudulent or false statement made
 in connection with this certification may subject this
 individual and INTERGLOBAL FORWARDING SERVICES INC
 to both (1) civil penalties under 49 CFR 1540.103(b) and (2)
 fines and/or imprisonment of not more than 5 years under
 18 USC 1001."

Signature of IAC Rep. _____

Print name of IAC Rep. _____

[Handwritten Signature]
 INTERGERA

Date 1/27/24

Accepting Airline: C.A.L. CARGO AIR LINES LTD

Airline representative's Signature and ID number: _____

700 | JFK | 7412 9860

700-74129860

Shipper's Name and Address ALACRAN 506 S MAIN ST. BLACKSBURG, VA 24060 45-156715355		Shipper's Account Number	Not Negotiable CAL CARGO AILINES LTD Air Waybill C/O LUFTHANSA BUILDING 261 JFK INTL AIRPORT JAMAICA NY TEL. NO. : Copies 1, 2 and 3 of this Air Waybill are originals and have the same validity					
Consignee's Name and Address IMI SYSTEMS LTD 64 BIALIK BLVD RAMAT HASHARON 47100 ISRAEL 515218436		Consignee's Account Number	It is agreed that the goods described herein are accepted in apparent good order and condition (except as noted) for carriage SUBJECT TO THE CONDITIONS OF THE CONTRACT ON THE REVERSE HEREOF. ALL GOODS MAY BE CARRIED BY ANY OTHER MEANS INCLUDING ROAD HEREON BY THE SHIPPER, AND SHIPPER AGREES THAT THE SHIPMENT MAY BE CARRIED VIA INTERMEDIATE STOPPING PLACES WHICH THE CARRIER DEEMS APPROPRIATE. THE SHIPPER'S ATTENTION IS DRAWN TO THE NOTICE CONCERNING CARRIER'S LIMITATION OF LIABILITY. Shipper may increase such limitation of liability by declaring a higher value for carriage and paying supplemental charge if required.					
Issuing Carrier's Agent Name and City INTERGLOBAL FORWARDING SERVICES INC 1A COLONY ROAD JERSEY CITY, NJ 07305		Accounting Information FILE# 02FFAE24111411 FLT # 0592 SHP REF 7260001675/206 DATE 01 FEB 24 BILL ALACRN						
Agent's Name and Address PMC #2747 01-1-9839-0012/		Account No.						
Airport of Departure (Addr. of First Carrier) and Requested Routing J.F. KENNEDY AIRPORT		Reference Number PREPARED BY LINA						
To By First Carrier TLV C.A.L. CARGO AIR LTN		Currency USD						
Airport of Destination BEN GURION AIRPORT		Declared Value for Carriage NVD						
Requested Flight/Date 0592/01		Amount of Insurance XXX						
Handling Information DANGEROUS GOODS AS PER ASSOCIATED SHIPPER'S DECLARATION LOT # 020830 PO#7260001675 SREF:206AS01-0111 OVERPACK USED HS#9306.30 These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Ultimate destination ISRAEL Diversion contrary to U.S. law prohibited								
No. of Pieces RCP	Gross Weight	Kg	Rate Class	Commodity Item No.	Chargeable Weight	Rate Charge	Total	Nature and Quantity of Goods (incl. Dimensions or Volume)
1	13.6	K	M		14.0	MIN	756.75	UN0012 CARTRIDGES, SMALL ARMS CLASS 1.4S, P/I:130 OVERPACK USED HS#9306.30
AES X20240125422057								
1	13.6						756.75	
Prepaid		Weight Charge		Collect		Other Charges		
756.75						MANUAL MAWB INP(C) 12.00 DANGEROUS GOODS(C) 100.00 FUEL SURCHARGE (C) 4.20		
Valuation Charge								
Tax								
Total Other Charges Due Agent								
Total Other Charges Due Carrier								
116.20								
Total Prepaid		Total Collect		Shipper certifies that the particulars on the face hereof are correct and that insofar as any part of the consignment contains dangerous goods, such part is properly described by name and is in proper condition for carriage by air according to the applicable Dangerous Goods Regulations. INTERGLOBAL FORWARDING SERVICES INC As Authorized Agent For Shipper ALACRAN Signature of Shipper or his Agent				
872.95								
Currency Conversion Rates		CC Charges in Dest. Currency		26 JAN 2024 J.F.KENNEDY AIRPORT LINA PEREIRA Executed on (date) at (place) Signature of Issuing Carrier or its Agent				
For Carriers Use only at Destination		Charges at Destination		Total Collect Charges				

700-74129860

ORIGINAL (FOR SHIPPER)



506 S Main St
Blacksburg, VA 24060
United States

Pro Forma Invoice

DATE	REFERENCE	INVOICE NO.
01/11/2024	206	206AS01_0111

BILL TO

IMI Systems Ltd.
Plant 72 - Itzhak
Derech HaGalil 1st
Nof HaGalil 1781201
Israel

SHIP TO

IMI Systems Ltd.
Plant 72 -Itzhak
Derech HaGalil 1st
Nof HaGalil 1781201
Israel

Terms		Ship Via		
EXW		Air		
Description	UOM	QTY	Price S	Total
PFR338LM1 - 338 Lapua MAG 250gr BTHP	EA	300		
ECCN: 0A505.a Schedule B: 9306.30.4120 Export License #: D1336407				
C/O: US C/E: US				
These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations.				
Total				
For questions concerning billing please contact us at: accounting@alacraninc.com or (540) 629-6095.				

Page: 1 of 1

Ship From: Alacran 506 Main St Blacksburg, VA United States	Ship To: IMI Systems Ltd. Plant 72 - Itzhak Derech HaGalil Nof Hagalil, 1781201 IL	Ship Via: AIR
--------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------	-------------------------

[illegible]

We IMI SYSTEMS LTD, Hereby confirm that we possess in import license as translated below
(attached is the original – in Hebrew)

Weapons Import Licensing Unit

State of Israel
Unclassified

Ministry of Defense

Import License No.: 4-08-006449

The licensee (hereinafter: "the Importer") may import the following goods subject to the fulfillment of all condition contained in this license

Name of the Importer:	IMI SYSTEMS LTD,	Name of the Supplier	ALACRAN
The address of the Importer:	64 Bialik St. Ramat Hasharon.	Manufacture:	
Importer No:	515218436	Supplier /Manufacture address	
Country of origin	USA	designation	Import
Country of Purchase:	USA	terms of sale	EXW
Country of export	USA	Currency type	US\$ DOLLAR

Item	Customs Tariff:	Manufacture Catalog:	Description of the Goods:	U/M	QTY	U/Val	Total Val
1	93069010002		PFR338LM1-338-Lapua MAG 250gr BTHP	EA	300.0		
Total Value (US\$ DOLLAR)							

License terms:

Application Reference number :

206

The validity of this license is conditional upon the existence of a valid license to engage in business with firearms and does not preclude the need of any other permit required by law

The license is valid from:

15.01.2024 until 31.12.2024

General Terms:

- the licensee is not exempt from fulfilling the requirements of any other law
- the license is not transferable
- this license is void and the goods may be confiscated if not imported in accordance with the terms of the license
- the competent authority may at any time revoke the license
- the licensee is obliged to comply with the requirements of the authority to present conditions regarding the goods, their use, their storage or their export in accordance with their import license
- failure to comply with all the details and conditions of this license constitutes an offense against the law applicable to import, and the provisions of the law and the procedure regarding non-compliance with the legality of imports will apply to such offense

15.01.2024

Date of Issue of the License

Signed in the computer by

Iris Ben Yaakov

Weapons Import License Unit - IMOD

SHIPPER'S DECLARATION FOR DANGEROUS GOODS



Shipper

Alacran
506 S Main St.
Blacksburg, VA 24060
United States

Air Waybill No.

700-7412-9860

Page 1 of 1 Pages

Shipper's Reference No. 206AS01
(optional)

Consignee

IMI Systems Ltd
Plant 72 - Itzhak
Derech HaGalil 1
Nof HaGalil 1781201
Israel

Two completed and signed copies of this Declaration must be handed to the operator.

WARNING

Failure to comply in all respects with the applicable
Dangerous Goods Regulations may be in breach of the
applicable law, subject to legal penalties.

TRANSPORT DETAILS

This shipment is within the limitations
prescribed for:

(delete non-applicable)

PASSENGER AND
CARGO AIRCRAFTXXX
UNCLASSIFIED

Airport of Departure (optional):

JFK
New York
USA

Airport of Destination (optional):

Tel Aviv, Israel

Shipment type: (delete non-applicable)

NON-RADIOACTIVE

XXXXXXXXXX

NATURE AND QUANTITY OF DANGEROUS GOODS

Dangerous Goods Identification

UN or ID No.	Proper Shipping Name	Class or Division (subsidiary hazard)	Packing Group	Quantity and Type of Packing	Packing Inst.	Authorization
UN0012	CARTRIDGES, SMALL ARMS	1.4S		1 Fiberboard box x 9.5 kg NEQ = 1.18 kg 1 Fiberboard box x 4.5 kg NEQ = .59 kg Overpack used	130	

Additional Handling Information

24-HR EMERGENCY RESPONSE TEL NUMBER = INFOTRAC, ACCOUNT # 155298: +1-352-323-3500
(FROM WITHIN U.S./CANADA = 1-800-535-5053)

I hereby declare that the contents of this consignment are fully and accurately
described above by the proper shipping name, and are classified, packaged
marked and labelled/placarded, and are in all respects in proper condition for
transport according to applicable international and national governmental
regulations. I declare that all of the applicable air transport requirements have
been met.

Name of Signatory

CHRIS LOCKE

Date 01/23/2024

Signature

(See warning above)



Safety Data Sheet

Hornady® Centerfire Rifle and Pistol Ammunition

Safety Data Sheet

Hornady® Centerfire Rifle and Pistol Ammunition

2.2 GHS label elements, including precautionary statements

Pictogram



Signal word:

Hazard statement(s)

H204

H301

H310

H317

H332

H341

H350

H360

H362

H372

H351

H412

Precautionary statement(s)

P262

P264

P270

P280

P302+P352

P310

P321

P361+P364

P405

P501

P261

P271

P304+P340

P312

P301+P310

P330

P201

P202

P308+P313

P272

P333+P313

P363

P260

P314

P263

P210

P240

P250

P370+P380

P372

P373

P374

P401

P501

P273

P370+P280

Danger

Fire or projection hazard

Toxic if swallowed

Fatal in contact with skin

May cause an allergic skin reaction

Harmful if inhaled

Suspected of causing genetic defects

May cause cancer

May damage fertility or the unborn child

May cause harm to breast-fed children

Causes damage to liver, kidneys, central nervous system, through prolonged or repeated exposure

Suspected of causing cancer

Harmful to aquatic life with long lasting effects

Do not get in eyes, on skin, or on clothing.

Wash hands thoroughly after handling.

Do not eat, drink or smoke when using this product.

Wear protective eye protection.

IF ON SKIN: Wash with plenty of water/...

Immediately call a POISON CENTER/doctor/...

Specific treatment (see ... on this label).

Take off immediately all contaminated clothing and wash it before reuse.

Store locked up.

Dispose of contents/container to ...

Avoid breathing dust/fume/gas/mist/vapors/spray.

Use only outdoors or in a well-ventilated area.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER/doctor/physician if you feel unwell.

IF SWALLOWED: Immediately call a POISON CENTER/doctor/...

Rinse mouth.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

IF exposed or concerned: Get medical advice/attention.

Contaminated work clothing must not be allowed out of the workplace.

If skin irritation or rash occurs: Get medical advice/attention.

Wash contaminated clothing before reuse.

Do not breathe dust/fume/gas/mist/vapors/spray.

Get medical advice/attention if you feel unwell.

Avoid contact during pregnancy/while nursing.

Keep away from heat/sparks/open flames/hot surfaces. No smoking.

Ground/bond container and receiving equipment.

Do not subject to grinding/shock/friction.

In case of fire: Evacuate area.

Explosion risk in case of fire.

DO NOT fight fire when fire reaches explosives.

Fight fire with normal precautions from a reasonable distance.

Store in a cool and dry location

Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Avoid release to the environment.

In case of fire: Evacuate Area.

Safety Data Sheet

Hornady® Centerfire Rifle and Pistol Ammunition

2.3 Other hazards which do not result in classification

This product is a finished metal alloy cartridge, which contains the various components completely sealed within. Therefore, under normal handling of this product, no exposure to any harmful materials is expected to occur. When the ammunition is fired, a small amount of particles may be generated which may be slightly irritating to the eyes and the respiratory tract. The particles may contain trace amounts of these harmful substances, however, it is unlikely that the amount of particles from firing a loaded round would be sufficient to cause any of these effects.

Routes of Entry:

Inhalation: No Absorption: No Ingestion: Yes

SECTION 3: Composition/information on ingredients

3.1 Substances

Hazardous components

1. Aluminum (Disk, Foil, or Sheet)

Concentration	0-3 % (weight)
EC no.	231-072-3
CAS no.	7429-90-5
Index no.	013-002-00-1

2. ANTIMONY

Concentration	0-2.5 % (weight)
EC no.	231-146-5
CAS no.	7440-36-0

3. Antimony sulfide (Sb₂S₅)

Concentration	<1 % (weight)
CAS no.	1315-04-4

4. Barium nitrate

Concentration	<1 % (weight)
CAS no.	10022-31-8

5. Copper (Foil, Rod, Slug)

Concentration	5 - 60 % (weight)
CAS no.	7440-50-8

6. DI-N-BUTYL PHTHALATE

Concentration	0-1.3 % (weight)
EC no.	201-557-4
CAS no.	84-74-2
Index no.	607-318-00-4

7. 2,4-Dinitrotoluene

Concentration	<1 % (weight)
EC no.	204-450-0
CAS no.	121-14-2
Index no.	609-007-00-9

8. N-PHENYLBENZENAMINE

Concentration	<1 % (weight)
EC no.	204-539-4
CAS no.	122-39-4
Index no.	612-026-00-5

Safety Data Sheet

Hornady® Centerfire Rifle and Pistol Ammunition

9. Lead

Concentration	5 - 50 % (weight)
EC no.	231-100-4
CAS no.	7439-92-1
Index no.	082-014-00-7

10. LEAD STYPHNATE

Concentration	<1 % (weight)
EC no.	239-290-0
CAS no.	15245-44-0
Index no.	609-019-01-1

11. NICKEL

Concentration	<1 % (weight)
EC no.	231-111-4
CAS no.	7440-02-0
Index no.	028-002-01-4

12. Nitrocellulose

Concentration	5 - 20 % (weight)
CAS no.	9004-70-0

13. Nitroglycerin

Concentration	0-2.5 % (weight)
EC no.	200-240-8
CAS no.	55-63-0
Index no.	603-034-01-7

14. PENTAERYTHRITOL TETRANITRATE MIXTURE

Concentration	0-<1 % (weight)
EC no.	201-084-3
CAS no.	78-11-5
Index no.	603-035-01-2

15. Guanyl nitrosaminoguanyltetrazene

Concentration	0-<1 % (weight)
CAS no.	109-27-3

16. Zinc (foil rod, slug)

Concentration	<1-20
EC no.	231-175-3
CAS no.	7440-66-6
Index no.	030-001-01-9

17. OTHER COMPONENTS PRESENT IN LESS THAN 1% CONCENTRATION

Concentration	Balance
---------------	---------

THE REMAINING COMPONENTS DO NOT CONTRIBUTE ANY SIGNIFICANT ADDITIONAL HAZARDS

Safety Data Sheet

Hornady® Centerfire Rifle and Pistol Ammunition

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Medical Conditions Aggravated by Exposure: Repeated or prolonged exposure may aggravate and existing dermatitis condition.
If inhaled	If signs of lung irritation occur, remove victim to fresh air immediately. If respiration has stopped administer CPR and get medical attention immediately.
In case of skin contact	Wash affected skin thoroughly with soap and water.
In case of eye contact	Immediately flush out fume or particles with large amounts of water for at least 15 minutes. If irritation develops, call physician.
If swallowed	If ingested, call physician immediately.
Personal protective equipment for first-aid responders	In event of emergency, assess the danger before taking action. Do not put yourself at risk of injury. Use personal protective equipment as required. Victims of chemical exposure must be taken for medical attention. If necessary, rescuers should be taken for medical attention. Take a copy of label and SDS to physician or health professional with victim.

4.2 Most important symptoms/effects, acute and delayed

Fragments from fired ammunition can cause physical injury. When ammunition is fired or otherwise discharged, dust and/or fumes may be absorbed through the respiratory and/or digestive system(s) and can result in both acute and chronic overexposure. Symptoms may include gastrointestinal irritation, nausea, vomiting and diarrhea. High concentrations of dust and/or fumes may irritate throat and respiratory system and result in coughing. Symptoms of chronic exposure to lead include anemia, visual and hearing disturbances, headache, memory loss, fatigue, muscle weakness, tremors, and convulsions. Ingestion of ammunition can cause irritation to the digestive system, and possibly other unknown health effects. A decrease in blood pressure, headache, cyanosis and mental confusion may result from nitroglycerin in the product.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

If respiration has stopped administer CPR and get medical attention immediately.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Fight fire with normal precautions from a reasonable distance.

5.2 Specific hazards arising from the chemical

Not considered flammable but may burn at high temperatures. Explosive. The effects are largely confined to the package and no projection fragments of appreciable size or range is to be expected. An external fire shall not cause virtually instantaneous explosion of almost the entire contents of the package. Do not expose to heat or ignition sources as this could cause an explosion. If heated above 200°C (392 °F) may explode.

5.3 Special protective actions for fire-fighters

Firefighting Procedures: Do not breathe fumes from fires or vapors from decomposition. Exercise caution when fighting any chemical fire. If product is unconfined, there is a greater risk for injury from projectiles. Flood area with water to cool exposed product and extinguish fire.

Safety Data Sheet

Hornady® Centerfire Rifle and Pistol Ammunition

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas.

Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

For emergency responders:

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

6.3 Methods and materials for containment and cleaning up

Spills will not normally require emergency response. Do not expose product to mechanical shock, electrical shock or impact. Spilled product can be picked up by any non-sparking, non-impact tools/methods. If spill is large or other assistance is required, call numbers indicated in Section 1. If cartridges are damaged or ruptured, be very careful to avoid all sources of ignition.

Reference to other sections

Section 1

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid striking the primer. Ammunition should stay in the manufacturer packaging while transferring. Remove ammunition from service if any of the following conditions have occurred: corrosion, physical damage, exposure to oil or spray type lubricants.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool and dry location. Do not expose to excessive heat, flame or other sources of ignition. Avoid mechanical shock and electrical discharge.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. ANTIMONY (CAS: 7440-36-0)

PEL (Inhalation): 0.5 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 0.5 mg/m³ (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 0.5 mg/m³ (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

2. DI-N-BUTYL PHTHALATE (CAS: 84-74-2)

PEL (Inhalation): 5 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 5 mg/m³ (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 5 mg/m³ (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

3. Lead (CAS: 7439-92-1)

PEL (Inhalation): 0.05 mg/m³, See Section 5198 (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 0.05 mg/m³, See Appendix C (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

Safety Data Sheet

Hornady® Centerfire Rifle and Pistol Ammunition

4. NICKEL POWDER (CAS: 7440-02-0)

PEL (Inhalation): 1 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): metal 0.5 mg/m³, insoluble 0.1 mg/m³ (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): Ca, 0.015 mg/m³, See Appendix A (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 1 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 0.05 mg/m³ (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): Ca 0.015 mg/m³ (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 1 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): metal 0.5 mg/m³, insoluble 0.1 mg/m³ (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): Ca, 0.015 mg/m³, See Appendix A (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 1 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 0.05 mg/m³ (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): Ca 0.015 mg/m³ (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

5. Nitroglycerin (CAS: 55-63-0)

PEL (Inhalation): (C) 0.2 ppm (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): (C) 2 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 0.05 ppm for mixture of nitroglycerine and ethylene glycol dinitrate, (ST) 0.1 mg/m³ (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): (ST) 0.1 mg/m³ (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

8.2 Appropriate engineering controls

Use proper range filtration and airflow as well as sound deadening material for indoor firing.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Safety glasses.

Skin protection

None.

Body protection

Wash hands thoroughly after use and before eating, drinking, or using tobacco

Hearing Protection

Use adequate hearing protection when using firearms.

Safety Data Sheet

Hornady® Centerfire Rifle and Pistol Ammunition

8.3 (Cont.)

Respiratory protection

Not normally needed. Unless exposure exceeds established occupational exposure limits, then a NIOSH-approved respirator or self-contained breathing apparatus should be used.

Environmental exposure controls

When cartridges are fired in a firearm, the fired projectiles may cause serious injury or death. Use ammunition ONLY in firearms that are of the correct caliber and in good condition. ALWAYS keep the muzzle pointed in a safe direction. Projectiles have extremely long range, always be certain to have an adequate backstop. To avoid ricochet, do not fire at water, rocks or other hard or flat surfaces.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	N/A
Odor	N/A
Odor threshold	N/A
pH	N/A
Melting point/freezing point	N/A
Initial boiling point and boiling range	N/A
Flash point	N/A
Evaporation rate	N/A
Flammability (solid, gas)	N/A
Upper/lower flammability limits	N/A
Vapor pressure	N/A
Vapor density	N/A
Relative density	N/A
Solubility(ies)	Insoluble
Partition coefficient: n-octanol/water	N/A
Auto-ignition temperature	160°C-180°C (320°F- 360°F)
Decomposition temperature	N/A
Viscosity	N/A
Explosive properties	N/A
Oxidizing properties	N/A

SECTION 10: Stability and reactivity

10.1 Reactivity

Polymerization: Will not occur.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

N/A

10.4 Conditions to avoid

Mechanical shock, electrical discharge, extreme heat.

10.5 Incompatible materials

Acids, class A & B explosives, caustics, strong oxidizers

10.6 Hazardous decomposition products

Lead oxides, lead fume, lead dust, carbon monoxide, nitrogen oxides

Safety Data Sheet
Hornady® Centerfire Rifle and Pistol Ammunition

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

See section 4

// ----- From the Suggestion report (05/27/2020, 1:33 PM) ----- //

ATE (dermal) of mixture: 197.37 mg/kg

// ----- From the Suggestion report (05/27/2020, 1:33 PM) ----- //

ATE (inhalation, gaseous) of mixture: 3561.33 ppmv

// ----- From the Suggestion report (05/27/2020, 1:33 PM) ----- //

ATE (oral) of mixture: 191.57 mg/kg

Skin corrosion/irritation

N/A

Serious eye damage/irritation

N/A

Respiratory or skin sensitization

See section 4

Germ cell mutagenicity

This product is not expected to cause mutagenic effects in humans. Mutagenic effects have occurred in experimental animals

Carcinogenicity

Trace amounts of chemicals known to the State of California to cause cancer, birth defects or other reproductive harm may be present in this product.

Reproductive toxicity

Repeated or prolonged exposure of this product may increase potential for reproductive harm in humans.

STOT-single exposure

See section 4

STOT-repeated exposure

See section 4

Aspiration hazard

See section 4

Additional information

Medical Recommendations: Treat symptomatically

Safety Data Sheet

Hornady® Centerfire Rifle and Pistol Ammunition

SECTION 12: Ecological information

Toxicity

This product has no ecological information available. Individual component information as follows:

Lead: Toxic to waterfowl, high concentrations may be toxic to other aquatic species.

Copper: Toxic to aquatic species. Concentration required for toxicity varies with water chemistry, light transmittance, and other factors. Generally accepted level for aquatic toxicity is >1.0mg/L

Dibutyl Phthalate: Fathead minnow: 1.3mg/L (96H)

Nitrocellulose: LC50>1,000mg/L (aquatic invertebrates, fish, algae)

Nitroglycerine: LC50 (96 hour) 1.228mg/L (bluegill)

Zinc: Depending on conditions, as little as .13mg/L may be toxic to some species

SECTION 13: Disposal considerations

Disposal of the product

Dispose of in accordance with federal & provincial hazardous waste laws. Product that has become waste must be considered hazardous and disposed of accordingly. The user of this product is responsible for seeing that it is disposed of in accordance with all federal, state and local laws. For more information regarding disposal of this product contact the manufacturer.

RCRA Hazard Class: D003, D008, depending on condition

SECTION 14: Transport information

DOT (US)

UN Number: 0012

Class: 1.4S

Packing Group: N/A

Proper Shipping Name: Cartridges, Small Arms

Reportable quantity (RQ): N/A

Marine pollutant: N/A

Poison inhalation hazard: N/A

Label Statement: None for highway/water/rail; 1.4 placard for individual packages over 1001 lbs.

Note: Product may be reclassified as hazardous material in Limited Quantities if packaged per 49 CFR 173.63.

Package may then be marked Limited Quantities per 49 CFR 172.315

IMDG

UN Number: 0012

Class: 1.4S

Packing Group: N/A

EMS Number: F-B (Fire), S-X (Spillage)

Proper Shipping Name: Cartridges for Weapons, Inert Projectile

Note: Product may be reclassified as Limited Quantities dangerous goods when packaged and transported in accordance with Chapter 3.4

IATA

UN Number: 0012

Class: 1.4S

Packing Group: N/A

Proper Shipping Name: Cartridges for Weapons, Inert Projectile

Label Statement: 1.4S Label

Safety Data Sheet
Hornady® Centerfire Rifle and Pistol Ammunition

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

Massachusetts Right To Know Components

Chemical name: Aluminum (fume or dust)

CAS number: 7429-90-5

Chemical name: Antimony

CAS number: 7440-36-0

Chemical name: Copper

CAS number: 7440-50-8

Chemical name: Dibutyl phthalate

CAS number: 84-74-2

Chemical name: 2,4-Dinitrotoluene

CAS number: 121-14-2

Chemical name: Diphenylamine

CAS number: 122-39-4

Chemical name: Lead

CAS number: 7439-92-1

Chemical name: Nickel

CAS number: 7440-02-0

Chemical name: Nitroglycerin

CAS number: 55-63-0

Chemical name: Zinc

CAS number: 7440-66-6

New Jersey Right To Know Components

Common name: ALUMINUM

CAS number: 7429-90-5

Common name: ANTIMONY

CAS number: 7440-36-0

Common name: BARIUM NITRATE

CAS number: 10022-31-8

Common name: COPPER

CAS number: 7440-50-8

Common name: DI-n-BUTYL PHTHALATE

CAS number: 84-74-2

Common name: 2,4-DINITROTOLUENE

CAS number: 121-14-2

Common name: DIPHENYLAMINE

CAS number: 122-39-4

Common name: LEAD

CAS number: 7439-92-1

Safety Data Sheet

Hornady® Centerfire Rifle and Pistol Ammunition

Common name: LEAD STYPHNATE
CAS number: 15245-44-0

Common name: NICKEL
CAS number: 7440-02-0

Common name: NITROCELLULOSE
CAS number: 9004-70-0

Common name: NITROGLYCERIN
CAS number: 55-63-0

Common name: PENTAERYTHRITE TETRANITRATE
CAS number: 78-11-5

Common name: ZINC
CAS number: 7440-66-6

Pennsylvania Right To Know Components

Chemical name: Aluminum
CAS number: 7429-90-5

Chemical name: Antimony
CAS number: 7440-36-0

Chemical name: Antimony sulfide
CAS number: 1315-04-4

Chemical name: Nitric acid, barium salt
CAS number: 10022-31-8

Chemical name: Copper
CAS number: 7440-50-8

Chemical name: 1,2-Benzenedicarboxylic acid, dibutyl ester
CAS number: 84-74-2

Chemical name: Benzene, 1-methyl-2,4-dinitro-
CAS number: 121-14-2

Chemical name: Benzenamine, N-phenyl-
CAS number: 122-39-4

Chemical name: Lead
CAS number: 7439-92-1

Chemical name: Nickel
CAS number: 7440-02-0

Chemical name: Cellulose, nitrate
CAS number: 9004-70-0

Chemical name: 1,2,3-Propanetriol, Trinitrate
CAS number: 55-63-0

Chemical name: Zinc
CAS number: 7440-66-6

Safety Data Sheet

Hornady® Centerfire Rifle and Pistol Ammunition

Canadian Domestic Substances List (DSL)

Chemical name: Aluminum
CAS: 7429-90-5

Chemical name: Antimony
CAS: 7440-36-0

Chemical name: Nitric acid, barium salt
CAS: 10022-31-8

Chemical name: Copper
CAS: 7440-50-8

Chemical name: 1,2-Benzenedicarboxylic acid, dibutyl ester
CAS: 84-74-2

Chemical name: Benzene, 1-methyl-2,4-dinitro-
CAS: 121-14-2

Chemical name: Benzenamine, N-phenyl-
CAS: 122-39-4

Chemical name: Lead
CAS: 7439-92-1

Chemical name: 1,3-Benzenediol, 2,4,6-trinitro-, lead(2++) salt (1:1)
CAS: 15245-44-0

Chemical name: Nickel
CAS: 7440-02-0

Chemical name: Cellulose, nitrate
CAS: 9004-70-0

Chemical name: 1,2,3-Propanetriol, trinitrate
CAS: 55-63-0

Chemical name: 1,3-Propanediol, 2,2-bis[(nitrooxy)methyl]-, dinitrate (ester)
CAS: 78-11-5

Chemical name: Zinc
CAS: 7440-66-6

Canadian Non-Domestic Substances List (NDSL)

Chemical name: Antimony sulfide (Sb₂S₅)
CAS: 1315-04-4

Chemical name: 1-Tetrazene-1-carboximidic acid, 4-(aminoiminomethyl)-, 2-nitrosohydrazide
CAS: 109-27-3

SARA Reporting Requirements

Nitroglycerin if above threshold

SARA Threshold Planning Quantity

N/A

Safety Data Sheet

Hornady® Centerfire Rifle and Pistol Ammunition

California Prop. 65 components

Chemical name: DI-N-BUTYL PHTHALATE

CAS number: 84-74-2

12/02/2005 - Developmental toxicity

12/02/2005 - Female reproductive toxicity

12/02/2005 - Male reproductive toxicity

Chemical name: 2,4-Dinitrotoluene

CAS number: 121-14-2

07/01/1988 - Cancer

08/20/1999 - Male reproductive toxicity

Chemical name: Lead

CAS number: 7439-92-1

02/27/1987 - Developmental toxicity

02/27/1987 - Female reproductive toxicity

02/27/1987 - Male reproductive toxicity

10/01/1992 - Cancer

Chemical name: LEAD STYPHNATE

CAS number: 15245-44-0

02/27/1987 - Developmental toxicity

02/27/1987 - Female reproductive toxicity

02/27/1987 - Male reproductive toxicity

10/01/1992 - Cancer

Chemical name: NICKEL POWDER

CAS number: 7440-02-0

10/01/1989 - Cancer

Toxic Substances Control Act (TSCA) Inventory Status

All chemical substances of this product are listed on the TSCA inventory or are otherwise exempt from inventory status.

CERCLA Reportable Quantity (RQ)

Lead: 10 lbs

Copper: 5,000 lbs

Antimony: 5,000 lbs

Dibutyl Phthalate: 10 lbs

2,4 Dinitrotoluene: 10 lbs

Nickel: 100 lbs

Nitroglycerin: 10 lbs

Zinc: 1,000 lbs

SARA 311/312 Hazards

Release of Pressure

67/548/EEC (European Union) and CLP/GHS (1272/2008/EC) Requirements

Hazard Classification: Cartridges, Small Arms

Signal Word: Warning

Hazard Statements (H):

H204- Fire or projection hazard.

Precautionary Statements (P):

P210- Keep away from heat/sparks/open flames/hot surfaces- No smoking.

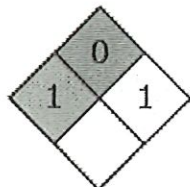
Safety Data Sheet

Hornady® Centerfire Rifle and Pistol Ammunition

HMIS Rating

Hornady® Centerfire Rifle and Pistol Ammunition	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	2
PERSONAL PROTECTION	A

NFPA Rating



SECTION 16: Other information

See Section 2 (Hazards Identification). Employees should be made aware of all hazards of this material (as stated in this SDS) before handling it.

16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Hornady Manufacturing Company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Hornady Manufacturing Company has been advised of the possibility of such damages.

When cartridges are fired in a firearm, the fired projectiles may cause serious injury or death. Use ammunition ONLY in firearms that are of the correct caliber and in good condition. ALWAYS keep the muzzle pointed in a safe direction. Projectiles have extremely long range, always be certain to have an adequate backstop. To avoid ricochet, do not fire at water, rocks or other hard or flat surfaces.

16.2 Preparation information

Prepared By: M. Graczyk