

**MATERIAL SAFETY
DATA SHEET**



**One Shot®
Sonic Clean Solution™-
Gun Parts Formula**

MSDS REV. DATE: 01/30/2013

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Hornady One Shot® Sonic Clean™ Solution- Gun Parts Formula

TRADE NAMES: (see above)
SYNONYMS: Parts cleaning solution
PART NUMBERS: 043360, 043361

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: Ultrasonic Cleaning Solution
PREPARED BY: M. Spencer

NZ DISTRIBUTOR
 Steve's Wholesale Ltd. Units
 5 – 7 / 408 The Esplanade
 Island Bay Wellington 6023
 team@steveswholesale.nz
 Emergency Contact: Steve
 Collings
 0800 303 303
 0274 905 708
 Poison Control 0800 POISON
 (0800 764 766)

HMIS® Ratings

HEALTH	2
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	B

SECTION 2. HAZARDS IDENTIFICATION

WARNING!

EXPOSURE PREVENTION: STRICT HYGIENE! PREVENT DISPERSION OF MISTS OR DUST!

RISK STATEMENTS:		SAFETY STATEMENTS:	
R36/38	Irritating to eyes and skin	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
R42/43	May cause sensitization by inhalation and skin contact.	S37	Wear suitable gloves.
R22	Harmful if swallowed.	S46	If swallowed, seek medical advice immediately, and show this container or label.
R41	Risk of serious damage to eyes.	S61	Avoid release to the environment. Refer to special instructions/safety data sheet.
R43	May cause sensitization by skin contact.	S62	If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

SEE SECTION 11 FOR OTHER TOXICOLOGICAL INFORMATION (ACUTE & CHRONIC HAZARDS)

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

MATERIAL	CAS#	EINECS#	WT%	TWA (OSHA)	TLV (ACGIH)	HAP
Dipropylene Glycol Propyl Ether	29911-27-1	-	0-10	None Known	None Known	
Isopropylamine Dodecylbenzenesulfonate	26264-05-1	-	0- 5	None Known	None Known	
d-Limonene	5989-27-5	227-813-5	0- 5	None Known	50 ppm	
Cocoamide DEA	68603-42-9	-	0- 5	None Known	None Known	
Pine Oil	8002-09-3	-	0- 5	None Known	10 ppm	
Diethanolamine	111-42-2	203-868-0	0- 5	2 ppm	2mg/m ³	Yes
Petroleum Oil 4240	64742-52-5	-	0- 5	None Known	None Known	

Each component showing `Yes' under "HAP" is an EPA Hazardous Air Pollutant.

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SECTION 4. FIRST AID MEASURES

EYE CONTACT:

For eyes, flush with plenty of water for 15 minutes & get medical attention.

SKIN CONTACT:

In case of contact with skin immediately remove contaminated clothing.
Wash thoroughly with soap & water. Wash contaminated clothing before reuse.

INHALATION:

After high vapor exposure, remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, trained personnel should immediately begin artificial respiration. If the heart has stopped, trained personnel should immediately begin cardiopulmonary resuscitation (CPR).

SWALLOWING:

Rinse mouth. Do NOT induce vomiting. GET MEDICAL ATTENTION IMMEDIATELY.
Do NOT give liquids to an unconscious or convulsing person.

SECTION 5. FIRE FIGHTING MEASURES

FIRE & EXPLOSION PREVENTIVE MEASURES

NO open flames.

EXTINGUISHING MEDIA

Use dry powder, AFFF, alcohol-resistant foam, water spray, carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES

Water spray may be ineffective on fire but can protect fire-fighters & cool closed containers. Use fog nozzles if water is used.
Do not enter confined fire-space without full bunker gear.
(Helmet with face shield, bunker coats, gloves & rubber boots).
Use NIOSH approved positive-pressure self-contained breathing apparatus.

UNUSUAL EXPLOSION AND FIRE PROCEDURES

Isolate from oxidizers, heat, & open flame.
Closed containers may explode if exposed to extreme heat.
Applying to hot surfaces requires special precautions.
Empty container very hazardous! Continue all label precautions!

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE MEASURES:

Keep unprotected personnel away. Remove all ignition sources.
Filter respirator for organic vapors.

ENVIRONMENTAL PRECAUTIONS:

Keep from entering storm sewers and ditches which lead to waterways.

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CONTAINMENT AND CLEAN-UP MEASURES:

- Stop spill at source. Dike and contain.
- Sweep spilled material into dry, sealable containers.
- If appropriate, moisten first to prevent dusting.
- Absorb remaining liquid in sand or inert absorbent.
- Remove to safe place.

SECTION 7. HANDLING AND STORAGE

HANDLING

- Isolate from oxidizers, heat, & open flame.
- Use only with adequate ventilation. Avoid breathing of vapor or spray mist.
- Do not get in eyes, on skin or clothing.
- Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier. Wear gloves, apron & footwear impervious to this material. Wash clothing before reuse.
- Avoid free fall of liquid. Ground containers when transferring. Do not flame cut, braze, or weld. Empty container very hazardous! Continue all label precautions!
- To minimize static discharge when transferring, ensure electrical continuity by bonding and grounding all equipment. Use an inlet line diameter of at least 3.5 inches (8.9 centimeters) with a maximum flow rate of 1 meter/second.

STORAGE

- Keep in fireproof surroundings. Keep separated from strong oxidants, strong acids. Keep dry. Store in an area without a drain or sewer access.
- Do not store above 49 C/120 F. Keep container tightly closed & upright when not in use to prevent leakage.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY EXPOSURE CONTROLS

- A respiratory protection program that meets OSHA 29 CFR 1910.134 and ANSI Z86.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

VENTILATION

- LOCAL EXHAUST: Necessary MECHANICAL (GENERAL): Acceptable
- SPECIAL: None OTHER: None
- Please refer to ACGIH document, "Industrial Ventilation, A Manual of Recommended Practices", most recent edition, for details.

PERSONAL PROTECTIONS:

- Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier. Wear gloves, apron & footwear impervious to this material. Wash clothing before reuse.

WORK & HYGIENIC PRACTICES:

- Provide readily accessible eye wash stations & safety showers.
- Wash at end of each workshift & before eating, smoking or using the toilet.
- Promptly remove clothing that becomes contaminated. Destroy contaminated leather articles. Launder or discard contaminated clothing.

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SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE: Liquid, Water-White to translucent gold
ODOR: Amine
ODOR THRESHOLD: Not Available
pH (Neutrality): Not Applicable
MELTING POINT/FREEZING POINT: Not Available
BOILING RANGE (IBP, Dry Point): 100 226° C / 212 439° F (*=End Point)
FLASH POINT (TEST METHOD): > 93 C / > 200 F (TCC)
EVAPORATION RATE (n-BUTYL ACETATE=1): Not Applicable
FLAMMABILITY CLASSIFICATION: Class III-B
LOWER FLAMMABLE LIMIT IN AIR (% by vol): 0.95 (Lowest Component)
UPPER FLAMMABLE LIMIT IN AIR (% by vol): Not Available
VAPOR PRESSURE (mm of Hg)@20 C 17.3
VAPOR DENSITY (air=1): 0.743
GRAVITY @ 68/68 F / 20/20 C:
SPECIFIC GRAVITY (Water=1): 0.983
POUNDS/GALLON: 8.190
WATER SOLUBILITY: Appreciable
PARTITION COEFFICIENT (n-Octane/Water): Not Available
AUTO IGNITION TEMPERATURE: 260 C / 500 F
DECOMPOSITION TEMPERATURE: Not Available
REFRACTIVE INDEX: 1.340
VOC'S (>0.44 Lbs/Sq In) : 0.0 Vol% / 0.0 g/L / 0.000 Lbs/Gal
TOTAL VOC'S (TVOC): 11.7 Vol% / 102.5 g/L / 0.8 Lbs/Gal
NONEXEMPT VOC'S (CVOC): 7.7 Vol% / 69.0 g/L / 0.5 Lbs/Gal
HAZARDOUS AIR POLLUTANTS (HAPS): 0.85 Wt% / 7.9 g/L / 0.0 Lbs/Gal
NONEXEMPT VOC PARTIAL PRESSURE (mm of Hg @ 20 C) 0.066

SECTION 10. STABILITY & REACTIVITY

STABILITY

Stable under normal conditions.

CONDITIONS TO AVOID

Isolate from oxidizers, heat, & open flame.

MATERIALS TO AVOID

Reacts with strong oxidants, causing fire & explosion hazard.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon Monoxide, Carbon Dioxide,
Nitrogen Oxide vapors from burning.

HAZARDOUS POLYMERIZATION

Will not occur.

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SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE HAZARDS

EYE & SKIN CONTACT:

Primary irritation to skin, defatting, dermatitis.
Absorption thru skin increases exposure.
Primary irritation to eyes, redness, tearing, blurred vision.
Liquid can cause eye irritation. Wash thoroughly after handling.

INHALATION:

Anesthetic. Irritates respiratory tract. Acute overexposure
can cause serious nervous system depression. Vapor harmful.

SWALLOWING:

Harmful or fatal if swallowed.
Swallowing can cause abdominal irritation, nausea, vomiting & diarrhea.
The symptoms of chemical pneumonitis may not show up for a few days.

SUBCHRONIC HAZARDS/CONDITIONS AGGRAVATED

CONDITIONS AGGRAVATED

Persons with severe skin, liver or kidney problems should avoid use.

CHRONIC HAZARDS

CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:

This product has the following carcinogens listed by IARC, NTP, NIOSH,
OSHA or ACGIH, as of this date, greater or equal to 0.1%:
Diethanolamine- IARC *possibly carcinogenic to humans* (group 2B)

MAMMALIAN TOXICITY INFORMATION

No mammalian information is available on this product.

SECTION 12. ECOLOGICAL INFORMATION

AQUATIC ANIMAL INFORMATION:

No aquatic environmental information is available on this product.
The substance is very toxic to aquatic organisms.
Bioaccumulation of this chemical may occur in aquatic animals.

MOBILITY IN SOIL

This material is a mobile liquid.

DEGRADABILITY

This product is partially biodegradable.

ACCUMULATION

Bioaccumulation of this product has not been determined.

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SECTION 13. DISPOSAL CONSIDERATIONS

Processing, use or contamination may change the waste management options.
Recycle / dispose of product observing national, regional, state, provincial and local health, safety & pollution laws. If in doubt, contact appropriate agencies.

SECTION 14. TRANSPORT INFORMATION

DOT SHIPPING NAME: None
DRUM LABEL: None
IATA / ICAO: None
IMO / IMDG: None
EMERGENCY RESPONSE GUIDEBOOK NUMBER: None

SECTION 15. REGULATORY INFORMATION

HSR002530

EPA REGULATION:
SARA SECTION 311/312 HAZARDS: Acute Health, Fire

All components of this product are on the TSCA list.

SARA TITLE III INGREDIENTS	CAS#	EINECS#	WT%	(REG.SECTION)	RQ(LBS)
*Diethanolamine	111-42-2	203-868-0	0- 5	(313)	100

> 12500 LB / > 5682 KG OF THIS PRODUCT IN 1 CONTAINER EXCEEDS THE "RQ" OF DIETHANOLAMINE.

Any release equal to or exceeding the RQ must be reported to the National Response Center (800-424-8802) and appropriate state and local regulatory agencies as described in 40 CFR 302.6 and 40 CFR 355.40 respectively. Failure to report may result in substantial civil and criminal penalties. State & local regulations may be more restrictive than federal regulations.

STATE REGULATIONS:

THIS PRODUCT MEETS REQUIREMENTS OF SOUTHERN CALIFORNIA AQMD RULE 443.1 & SIMILAR REGULATIONS
CALIFORNIA PROPOSITION 65: This product contains the following chemical known to the State of California to cause cancer: Diethanolamine

INTERNATIONAL REGULATIONS

The components of this product are listed on the chemical inventories of the following countries:
Australia, Canada, China, Europe (EINECS), Japan, Korea, United Kingdom.

CANADA: WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

B3: Combustible Liquid.
D2B: Irritating to skin / eyes.

SECTION 16. OTHER INFORMATION

SW Revised 05.02.2020

HAZARD RATINGS:

HEALTH (NFPA): 1, HEALTH (HMIS): 2, FLAMMABILITY: 1, REACTIVITY: 0
(Personal Protection Rating to be supplied by user based on use conditions.)
This information is intended solely for the use of individuals trained in the NFPA & HMIS hazard rating systems.

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EMPLOYEE TRAINING

See Section 2 for Risk & Safety Statements. Employees should be made aware of all hazards of this material (as stated in this SDS) before handling it.

NOTICE

All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency.

Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon information contained herein.

This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

Unless updated, the Safety Data Sheet is valid until 01/13/2015.

CONSUMER PRODUCT SAFETY ACT CERTIFICATION: This product was evaluated by Hornady Manufacturing Company and is certified to be in compliance with the provisions of the Consumer Product Safety Act, the Federal Hazardous Substances Act, and the Poison Prevention Packaging Act, as applicable. This product was manufactured at 1738 Townsend Street, Cincinnati, Ohio 45223. The date of manufacture is stamped/coded on the product container. No testing is required to certify compliance with the above mentioned regulations.

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.