



SAFETY DATA SHEET

HORNADY® Sonic Clean™
Solution- Cartridge Case Formula

Prepared to OSHA GHS Standards

SDS Revision: 1.0

SDS Revision Date: 6/15/2015

1. PRODUCT IDENTIFICATION

1.1	Product name:	HORNADY® One Shot® Sonic Clean™ Solution- Cartridge Case Formula	
1.2	Chemical Name	See Section 3 Composition and Ingredients	NZ DISTRIBUTOR
1.3	Synonyms	043355, 043356	Steve's Wholesale Ltd. Units 5 - 7 /
1.4	Trade Names	Hornady® One Shot® Sonic Clean™ Solution- Cartridge Case Formula	408 The Esplanade
1.5	Product Use	Cleaning metal, especially brass cartridge cases	Island Bay Wellington 6023
1.6	Manufacturer's Name	Hornady Manufacturing Company	team@steveswholesale.nz
1.7	Manufacturer's Address	P.O. Box 1848, Grand Island, Ne 68802 USA	Emergency Contact: Steve Collings
1.8	Business Phone	+1 (308) 382-1390	0800 303 303
1.9	Emergency Phone	CHEMTREC: +1 (800) 424-9300 / +1 (703) 527-3887	0274 905 708
1.10	Prepared By	K.Hoover	Poison Control 0800 POISON (0800 764 766)

2. HAZARD IDENTIFICATION

2.1	<p>HAZARD CLASSIFICATION: Skin Irritant- Category 3. Causes Eye Irritation- Category 2B May Cause an Allergic Skin Reaction- Category 1B</p> <p>SIGNAL WORD: Warning</p> <p>HAZARD STATEMENTS (H): H315- Causes skin irritation, H320- Causes eye irritation, H317- May cause an allergic reaction</p> <p>PRECAUTIONARY STATEMENTS (P): P262- Do not get in eyes, on skin, or clothing. P280- Wear protective gloves/protective clothing/eye protection/face protection. P301+330+331- IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. P315- Get medical advice/attention. P305+351+338- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do---continue rinsing. P501- Dispose of contents/containers in accordance with local/regional/national regulations.</p>	<p>Pictogram</p>
-----	---	-------------------------

2.2	Routes of Entry:	Inhalation:	Yes	Absorption:	No	Ingestion:	Yes
-----	------------------	-------------	-----	-------------	----	------------	-----

See Section 16 for Definitions of Terms Used
 NOTE: All WHIMS required information is included. It is located in appropriate sections based on the ANSI Z400.1-2010 format.

3. Composition & Ingredients

					EXPOSURE LIMITS IN AIR - ppm (mg/m³)							
					ACGIH		NOHSC (ES-)			OSHA		
CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	TLV	STEL	TWA	STEL	PEAK	PEL	STEL	IDLH
Citric Acid	77-92-9	GE7350000		< 30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OTHER COMPONENTS PRESENT IN LESS THAN 1% CONCENTRATION				BAL	THE REMAINING COMPONENTS DO NOT CONTRIBUTE ANY SIGNIFICANT ADDITIONAL HAZARDS							

4. FIRST AID

4.1	<p>EYES: In case of eye contact, immediately rinse eye with plenty of water. Remove contact lenses and continue rinsing for at least 15 minutes. Consult a physician.</p> <p>SKIN: May be irritating to the skin. Wash skin thoroughly with water; remove contaminated clothing and shoes, wash thoroughly before re-use. If irritation persists, contact medical personnel</p> <p>INHALATION: Not likely, however atomized product and its solutions may cause respiratory tract irritation. If exposed, remove to fresh air and consult a physician.</p> <p>INGESTION: DO NOT INDUCE VOMITING. If conscious, drink plenty of water and consult a physician. If unconscious, contact emergency personnel and do not try to give liquids of any type.</p>
4.2	<p>Medical Conditions Aggravated by Exposure: N/A</p>

5. FIRE & EXPLOSION HAZARDS

5.1	<p>Flashpoint & Method: N/A</p>			
5.2	<p>Autoignition Temperature: N/A</p>			
5.3	<table border="1" style="width: 100%;"> <tr> <td style="width: 30%;">Flammability Limits:</td> <td style="width: 35%;">Lower Explosive Limit(LEL): N/A</td> <td style="width: 35%;">Upper Explosive Limit (UEL): N/A</td> </tr> </table>	Flammability Limits:	Lower Explosive Limit(LEL): N/A	Upper Explosive Limit (UEL): N/A
Flammability Limits:	Lower Explosive Limit(LEL): N/A	Upper Explosive Limit (UEL): N/A		
5.4	<p>Fire & Explosion Hazards: This material is not flammable</p>			
5.5	<p>Extinguishing Methods: N/A</p>			
5.6	<p>Firefighting Procedures: Material is not flammable, use appropriate extinguishing media for the cause of the fire.</p>			

6. SPILLS & LEAKS

6.1	<p>Spills: Spills should be absorbed on sand or clay and disposed of as solid waste. Remainder can be flushed to drain with large amounts of water.</p>
6.2	<p>Waste disposal methods: Material contains biodegradable surfactants. Dispose of in accordance with all Federal, State, and Local regulations.</p>

7. STORAGE & HANDLING

7.1	<p>Work & Hygiene Practices: Provide readily accessible eye wash stations.</p>
7.2	<p>Storage & Handling: Store in cool well ventilated areas away from excessive heat. Keep containers closed. Store in original container away from food or drinks. Empty containers may contain product residues in liquid, vapor or dry form. Exercise caution in disposal or recycling used containers. Avoid contact with eyes, skin or clothing. May be harmful if swallowed. Use with adequate ventilation. Avoid breathing vapors or mist. Do not eat drink or smoke in the work area. Wash hands thoroughly after use.</p>
7.3	<p>Special Precautions: N/A</p>

8. EXPOSURE CONTROL & PERSONAL PROTECTION

8.1	Ventilation & Engineering Controls: Avoid prolonged breathing of mists or vapors. Use adequate ventilation to prevent symptoms of exposures.
8.2	Respiratory Protection: Not required unless ventilation is inadequate to minimize symptoms of exposure. If needed, use NIOSH approved respirators.
8.3	Eye Protection: Safety glasses are required under normal use, if the product is atomized or sprayed full face shields are required to protect mucous membranes of the eyes, nose, and throat.
8.4	Hand Protection: Where contact is likely, impervious gloves are recommended. Do not wear rings, watches, or jewelry that could entrap the material against the skin.
8.5	Body Protection: None required under normal conditions.

9. PHYSICAL & CHEMICAL PROPERTIES

9.1	Density:	N/A
9.2	Boiling Point:	93°C (200°F)
9.3	Melting Point:	N/A
9.4	Evaporation Rate:	N/A
9.5	Vapor Pressure @ 20 °C:	N/A
9.6	Molecular Weight:	N/A
9.7	Appearance & Color:	Green, non-viscous liquid, mild odor
9.8	Odor Threshold:	N/A
9.9	Solubility:	Complete
9.10	pH:	ND
9.11	Viscosity:	N/A
9.12	Coefficient oil/water Distribution:	N/A
9.13	Additional Information:	None

10. STABILITY & REACTIVITY

10.1	Stability: Stable under normal conditions of temperature and pressure.
10.2	Decomposition Products: Oxides of carbon and nitrogen
10.3	Polymerization: Will not occur.
10.4	Conditions to Avoid: Temperatures <40°F - ≥120°F
10.5	Incompatible Substance: Strong alkalis and oxidants

11. TOXICOLOGICAL INFORMATION

11.1	Toxicity Data: N/A
11.2	Acute Toxicity: See section 4.1
11.3	Chronic Toxicity: See section 4.1



SAFETY DATA SHEET

HORNADY® Sonic Clean™
Solution- Cartridge Case Formula

Prepared to OSHA GHS Standards

SDS Revision: 1.0

SDS Revision Date: 6/15/2015

11.4	Suspected Carcinogen: No
11.5	Reproductive Toxicity:
	Mutagenicity: This product is not expected to cause mutagenic effects in humans. Mutagenic effects have occurred in experimental animals
	Embryotoxicity: This product is not expected to cause embryotoxic effects in humans.
	Teratogenicity: This product is not expected to cause teratogenic effects in humans. Teratogenic effects have occurred in experimental animals.
	Reproductive Toxicity: This product is not expected to cause reproductive harm in humans. Adverse reproductive effects have occurred in experimental animals.
11.6	Irritancy of Product: NA
11.7	Biological Exposure Indices: NA
11.8	Medical Recommendations: Treat symptomatically
12. ECOLOGICAL INFORMATION	
12.1	Degradability: This product is y biodegradable
12.2	Effect on Plants & Animals: Mobility of this material has not been determined.
12.3	Aquatic Toxicity: Product will adversely affect aquatic organisms. Do not release to surface waters.

13. DISPOSAL CONSIDERATIONS

13.1	Waste Disposal: Product is not hazardous. Dispose of in accordance with federal, state and local regulations. Empty containers contain product residues and may be subject to the same disposal regulations as the product itself. Typical methods evaporation followed by incineration
13.2	Special Considerations: N/A

14. TRANSPORTATION INFORMATION

14.1	49 CFR (GND): None
14.2	IATA (AIR): None
14.3	IMGD (OCN): None
14.4	TDGR (Canadian GND): None
14.5	ADR/RID (EU): None
14.6	MEXICO (SCT): None

15. REGULATORY INFORMATION

HSR002530

15.1	SARA Reporting Requirements: N/A
15.2	SARA Threshold Planning Quantity:



SAFETY DATA SHEET

HORNADY® Sonic Clean™
Solution- Cartridge Case Formula

Prepared to OSHA GHS Standards

SDS Revision: 1.0

SDS Revision Date: 6/15/2015

	N/A
15.3	TSCA Inventory Status: All chemical substances of this product are listed on the TSCA inventory or are otherwise exempt from inventory status.
15.4	CERCLA Reportable Quantity (RQ): N/A
15.5	Other Federal Requirements: None
15.6	Other Canadian Regulations: N/A
15.7	State Regulatory Information: N/A
15.8	67/548/EEC (European Union) and CLP/GHS (1272/2008/EC) Requirements: See section 2

16. OTHER INFORMATION

SW Revised 01.12..2020

16.1	Other Information: Hazardous Material Information System (HMIS) Health-1 Fire-0 Reactivity-0 PPE-X
16.2	Disclaimer: This Safety Data Sheet complies with Health Canada's Workplace Hazardous Information System (WHIMS) & U.S. OSHA's Hazard Communication Standard 29 CFR 1910.1200. To the best of Hornady Manufacturing Company's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness are not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product. Contact the manufacturer for additional information