



SAFETY DATA SHEET

One Shot® Sonic Clean™ Solution-
Cartridge Case Formula

Prepared to 29 CFR 1910.1200(g)(2) standards

SDS Revision: 3.0

SDS Revision Date: 06/12/2019

1. IDENTIFICATION

1.1	Product name:	HORNADY® One Shot® Sonic Clean™ Solution- Cartridge Case Formula	NZ DISTRIBUTOR
1.2	Chemical Name	See Section 3 Composition and Ingredients	Steve's Wholesale Ltd. Units 5
1.3	Synonyms	#043355, 043356	- 7 / 408 The Esplanade
1.4	Trade Names	One Shot® Sonic Clean™ Solution- Case Formula	Island Bay Wellington 6023
1.5	Product Use	Cleaning metal, especially brass cartridge cases	team@steveswholesale.nz
1.6	Manufacturer's Name	Hornady Manufacturing Company	Emergency Contact: Steve
1.7	Manufacturer's Address	P.O. Box 1848, Grand Island, Ne 68802 USA	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	M. Graczyk	Poison Control 0800 POISON (0800 764 766)

2. HAZARDS IDENTIFICATION

2.1	<p>HAZARD CLASSIFICATION: Serious eye damage/eye irritation Category 2</p> <p>SIGNAL WORD: Warning</p> <p>HAZARD STATEMENTS (H): H305- May be harmful if swallowed and enters airways. H317- May cause an allergic skin reaction. H319- Causes serious eye irritation. H335- May cause respiratory irritation. H402- Harmful to aquatic life.</p> <p>PRECAUTIONARY STATEMENTS (P): P264- Wash hands thoroughly after handling. P280- Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313- If eye irritation persists: Get medical advice/attention. P270- Do not eat, drink, or smoke when using this product. P273- Avoid release to the environment. P301+P330+P331- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P263- Avoid contact during pregnancy and while nursing. P501- Dispose of contents/container in accordance with local/regional/national/international regulation.</p>				<p>Pictogram</p>		
	2.2	Routes of Entry:	Inhalation:	Yes	Absorption:	No	Ingestion:

3. COMPOSITION /INGREDIENTS INFORMATION

NOTE: Product is an aqueous mixture of cleaning agents, surfactants and buffered citric acid.

CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	EXPOSURE LIMITS IN AIR – ppm (mg/m ³)				
					ACGIH		OSHA		
					TLV	STEL	PEL	STEL	IDLH
Citric acid	77-92-9	GE7350000	201-069-1	< 30	N/A	N/A	N/A	N/A	N/A
Diethanolamine	111-42-2	KL2975000	203-868-0	< 0.5	1	N/A	2	N/A	N/A
Trace ingredients (if any) are present in less than 1% concentration.				Balance	None of the trace ingredients contribute significant additional hazards at the concentrations that may be present in this product.				

4. FIRST AID MEASURES

4.1	<p>GENERAL NOTES: Routes of exposure: Eyes, Skin, Inhalation, and Ingestion.</p> <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 resists 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> <p>SELF-PROTECTION OF THE FIRST AIDER: 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.</p>
4.2	<p>Most important symptoms and effects, both acute and delayed: Can cause redness, pain, and eye damage from prolonged exposure.</p> <p>Product is not volatile as packaged, heating or atomizing the product will generate airborne droplets that will irritate mucus membranes and respiratory tract.</p> <p>Product may be harmful if swallowed. Gastrointestinal irritation with nausea, vomiting and diarrhea.</p> <p>May cause irritation due to de-fatting the skin and acid irritation.</p> <p>No known chronic effects, product is not considered a sensitizer.</p> <p>The most important known symptoms and effects are described in the labelling (see Section 2.2) and/or in Section 11.</p>
4.3	<p>Indication of any immediate medical attention and special treatment needed: No data available.</p>

5. FIRE-FIGHTING MEASURES

5.1	<p>Extinguishing media: Use extinguishing media appropriate for surrounding fire.</p>
5.2	<p>Special hazards arising from substance or mixture:</p> <p>Special firefighting procedures: Not applicable, material not flammable.</p> <p>Combustion products: Nitrogen oxides, Carbon Monoxide, Carbon Dioxide.</p>
5.3	<p>Advice for firefighters: Wear self-contained breathing apparatus for firefighting if necessary.</p>

6. ACCIDENTAL RELEASE MEASURES

6.1	<p>Personal precautions, protective equipment and emergency procedures: Ensure adequate ventilation. Use personal protective equipment. For personal protection see Section 8.</p>
6.2	<p>Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.</p>
6.3	<p>Methods and material for containment and cleaning up: 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>



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7. HANDLING & STORAGE

7.1	Precautions for safe handling: 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.
7.2	Conditions for safe storage, including any incompatibilities: 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.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

8.1	Appropriate engineering controls: Ventilation: Avoid prolonged breathing of mists or vapors. Use adequate ventilation to prevent symptoms of exposure.
8.2	Eye and face 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.
8.3	Skin protection: Use appropriate rubber or vinyl gloves with cuff.
8.4	Respiratory protection: Not required unless ventilation is inadequate to minimize symptoms of exposure. If needed, use NIOSH approved respirators.
8.5	Thermal hazards: No data available on product.
8.6	Control banding approach: No data available on product.
8.7	Environmental exposure controls: Do not let product enter drains.

9. PHYSICAL & CHEMICAL PROPERTIES

9.1	Appearance:	Green, non-viscous liquid
	Odor:	Mild odor
	Odor threshold:	No data available.
	pH	4.0 - 4.5
	Melting point/freezing point:	-1.1°C (30°F)
	Initial boiling point & boiling range:	Approx. 93.33°C (200°F)
	Flash point:	No data available.
	Evaporation rate:	No data available.
	Flammability (solid, gas):	No data available.
	Upper/lower flammability limits:	No data available.
	Vapor pressure:	No data available.
	Vapor density:	No data available.
	Relative density:	1.13
	Solubilities:	Complete
	Partition coefficient: n-octanol/water:	No data available.
	Auto-ignition temperature:	No data available.
	Decomposition temperature:	No data available.
	9.2	Viscosity:
Explosive properties:		No data available.
Oxidizing properties:		No data available.
Separation point:		Approx. 4.44°C (40°F)
% Volatile:	Approx. 60%	
VOC (wt%):	<0.1	



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10. STABILITY & REACTIVITY

10.1	Reactivity: None under normal use conditions
10.2	Chemical stability: This product is stable under normal conditions.
10.3	Possibility of hazardous reactions: Hazardous Polymerization: Will not occur.
10.4	Conditions to avoid: Avoid temperatures <4.44°C (40°F) or >48.88°C (120°F).
10.5	Incompatible materials: Strong alkalis and oxidants.
10.6	Hazardous decomposition products: Oxides of carbon and nitrogen.

11. TOXICOLOGICAL INFORMATION

11.1	Acute toxicity: Product is not considered Toxic.
11.2	Skin corrosion/irritation: Based on available data, classification data are not met.
11.3	Serious eye damage/irritation: Causes serious eye irritation.
11.4	Respiratory or skin sensitization: Based on available data, classification data are not met.
11.5	Germ cell mutagenicity: Based on available data, classification data are not met.
11.6	Carcinogenicity: Based on available data, classification data are not met.
11.7	Reproductive toxicity: Based on available data, classification data are not met.
11.8	STOT- single exposure: Based on available data, classification data are not met.
11.9	STOT- repeated exposure: Based on available data, classification data are not met.
11.10	Aspiration hazard: Based on available data, classification data are not met.

12. ECOLOGICAL INFORMATION

12.1	Toxicity: Product will adversely affect aquatic organisms. Do not release to surface waters.
12.2	Persistence and degradability: Product is biodegradable.
12.3	Bioaccumulative potential: No data available.
12.4	Mobility in soil: No data available.
12.5	Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life.



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13. DISPOSAL CONSIDERATIONS

13.1	Disposal of the product: 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	Disposal of contaminated packaging: Dispose of as unused product.
13.3	Waste treatment: Material contains biodegradable surfactants. Dispose of in accordance with all Federal, State, and Local regulations.
13.4	Sewage disposal: No data available.
13.5	Other disposal recommendations: No data available.

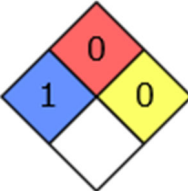
14. TRANSPORT INFORMATION

14.1	DOT (US):	Not Regulated
14.2	IMDG:	Not Regulated
14.3	IATA	Not Regulated

15. REGULATORY INFORMATION

HSR002530

15.1	California Prop. 65 Components: WARNING! This product contains a chemical known to the State of California to cause cancer. Chemical name: Diethanolamine CAS no.: 111-42-2 06/22/2012 - Cancer
15.2	SARA 302 Components: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
15.3	SARA 313 Components: The following components are subject to reporting levels established by SARA Title III, Section 313. Diethanolamine CAS no.: 111-42-2
15.4	SARA 311/312 Hazards: Acute Health Hazard, Chronic Health Hazard
15.5	Massachusetts Right To Know Components: Diethanolamine CAS no.: 111-42-2
15.6	Pennsylvania Right To Know Components: Citric acid CAS no.: 77-92-9 Diethanolamine CAS no.: 111-42-2
15.7	New Jersey Right To Know Components : Citric acid CAS no.: 77-92-9 Diethanolamine CAS no.: 111-42-2

15.9	<p>Chemical Safety Assessment: No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.</p> <p>HMIS Rating:</p> <table border="1" style="margin: 10px auto; border-collapse: collapse; text-align: center;"> <tr> <td colspan="2">One Shot Sonic Clean Case Formula</td> </tr> <tr> <td style="background-color: #000080; color: white;">HEALTH</td> <td style="background-color: #000080; color: white;">1</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">FLAMMABILITY</td> <td style="background-color: #FF0000; color: white;">0</td> </tr> <tr> <td style="background-color: #FF8C00; color: white;">PHYSICAL HAZARD</td> <td style="background-color: #FF8C00; color: white;">0</td> </tr> <tr> <td colspan="2" style="background-color: #FFFFFF; color: black;">PERSONAL PROTECTION</td> </tr> </table> <p>NFPA Rating:</p> <div style="text-align: center; margin-top: 10px;">  </div>	One Shot Sonic Clean Case Formula		HEALTH	1	FLAMMABILITY	0	PHYSICAL HAZARD	0	PERSONAL PROTECTION	
One Shot Sonic Clean Case Formula											
HEALTH	1										
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16. OTHER INFORMATION SW revised 06.01.2021	
16.1	<p>See Section 2 (Hazards Identification). Employees should be made aware of all hazards of this material (as stated in this SDS) before handling it.</p> <p>This Safety Data Sheet has been revised 07/19/19 and supersedes all previous Safety Data Sheets. Revisions have been made to comply with OSHA and EU/EEA requirements.</p>
16.2	<p>Further information/disclaimer:</p> <p>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.</p> <p>Unless updated, the Safety Data Sheet is valid until 06/12/2022.</p>