

## SAFETY DATA SHEET

### SECTION 1. IDENTIFICATION

**Product identifier used on the label :** Endust for Electronics 6oz. Vinyl Record Cleaner

**Product Code(s)** : 16495

**Recommended use of the chemical and restrictions on use**

: Cleaning solution for vinyl records.  
No restrictions on use known.

**Chemical family** : Mixture of:

**Name, address, and telephone number of the manufacturer:**

Norazza, Inc  
3938 Broadway St.  
Buffalo, NY, USA  
14227

Manufacturer's Telephone #: (716) 706-1160

**24 Hr. Emergency Tel #:** (800) 255-3924

**International:** +01-813-248-0585

### SECTION 2. HAZARDS IDENTIFICATION

**Classification of the chemical**

Clear liquid. Slight alcohol odor.

*Most important hazards:*

May cause an allergic skin reaction. Occupational exposure to the substance or mixture may cause adverse effects. For further information, please refer to section 11 of the SDS.

This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015). Classification:

Skin sensitization - Category 1

**Label elements**

*Hazard pictogram(s)*



*Signal Word*  
WARNING!

*Hazard statement(s)*

May cause an allergic skin reaction.

SDS Preparation Date: 05/09/2017

**SAFETY DATA SHEET***Precautionary statement(s)*

Avoid breathing fumes, mists or vapors.  
 Contaminated work clothing must not be allowed out of the workplace.  
 Wear protective gloves.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Dispose of contents/container in accordance with local regulation.

**Other hazards***Other hazards which do not result in classification:*

Toxic fumes may be released during a fire. Direct skin contact may cause slight or mild, transient irritation. Direct eye contact may cause slight or mild, transient irritation. If mists are formed, inhalation may cause irritation to the nose, throat and respiratory tract. May cause gastrointestinal irritation. Prolonged overexposure may cause slight liver and kidney effects, such as increased organ weights.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Mixture

<u>Chemical name</u>	<u>Common name and synonyms</u>	<u>CAS #</u>	<u>Concentration (% by weight)</u>
1,3-bis(Hydroxymethyl)-5,5-dimethylhydantoin	Dimethylol-5,5-dimethylhydantoin DMDM hydantoin	6440-58-0	0.1

**SECTION 4. FIRST-AID MEASURES****Description of first aid measures**

- Ingestion* : Do not induce vomiting. Never give anything by mouth to an unconscious person. If symptoms develop, seek medical attention.
- Inhalation* : If inhaled, move to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen by qualified medical personnel only. If irritation or symptoms develop, seek medical attention.
- Skin contact* : IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
- Eye contact* : Flush eyes with running water for at least 5 to 10 minutes. If irritation or symptoms develop, seek medical attention.

**Most important symptoms and effects, both acute and delayed**

- : May cause severe skin sensitization with allergic contact dermatitis symptoms such as swelling, rash and eczema.  
 Direct skin contact may cause slight or mild, transient irritation. Direct skin contact may cause temporary redness.  
 Direct eye contact may cause slight or mild, transient irritation. Symptoms may include tearing, redness and discomfort.  
 If mists are formed, inhalation may cause irritation to the nose, throat and respiratory tract. May cause coughing and breathing difficulties.  
 Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.  
 Prolonged overexposure may cause slight liver and kidney effects, such as increased organ weights.

**Indication of any immediate medical attention and special treatment needed**

- : Provide general supportive measures and treat symptomatically.

**SAFETY DATA SHEET****SECTION 5. FIRE-FIGHTING MEASURES****Extinguishing media***Suitable extinguishing media*

- : Use media suitable to the surrounding fire such as water fog or fine spray, alcohol foams, carbon dioxide and dry chemical.

*Unsuitable extinguishing media*

- : None known.

**Special hazards arising from the substance or mixture / Conditions of flammability**

- : Not considered flammable. Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure. Toxic fumes may be released during a fire.

**Flammability classification (OSHA 29 CFR 1910.106)**

- : Not classified as flammable.

**Hazardous combustion products**

- : Carbon oxides; Nitrogen oxides (NOx); Formaldehyde; Other irritating fumes and smoke.

**Special protective equipment and precautions for firefighters***Protective equipment for fire-fighters*

- : Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

*Special fire-fighting procedures*

- : Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame. Do not allow run-off from fire fighting to enter drains or water courses. Dike for water control.

**SECTION 6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

- : All persons dealing with the clean-up should wear the appropriate personal protective equipment. Keep all other personnel upwind and away from the spill/release. Restrict access to area until completion of clean-up. Refer to protective measures listed in sections 7 and 8.

**Environmental precautions** : Ensure spilled product does not enter drains, sewers, waterways, or confined spaces.

**Methods and material for containment and cleaning up**

- : Ventilate the area. Prevent further leakage or spillage if safe to do so. Eliminate all ignition sources. Contain and absorb spilled liquid with non-combustible, inert absorbent material (e.g. sand). Pick up and transfer to properly labeled containers. Contact the proper local authorities. For waste disposal, see Section 13 of the SDS.

**Special spill response procedures**

- : If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8802).  
US CERCLA Reportable quantity (RQ): None known.

In Canada: Contact appropriate local and provincial environmental authorities for assistance and/or reporting requirements.

## SAFETY DATA SHEET

### SECTION 7. HANDLING AND STORAGE

#### Precautions for safe handling

- : Persons with recurrent skin eczema or sensitization problems should be excluded from working with this product. Once a person is sensitized, no further exposure to the material that caused the sensitization should be permitted.  
Use with adequate ventilation. Wear protective equipment during handling. Wear protective gloves. Avoid breathing fumes, mists or vapors. Avoid contact with skin, eyes and clothing. Keep away from extreme heat and direct flame. Keep away from incompatibles. Keep container tightly closed when not in use. Wash thoroughly after handling. Empty containers retain residue and can be dangerous. Contaminated work clothing must not be allowed out of the workplace.

- Conditions for safe storage** : Store in a cool, dry, well-ventilated area. Store away from incompatibles and out of direct sunlight. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks.

- Incompatible materials** : Strong oxidizing agents; Strong acids; Reducing agents; Alkali metals

### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Exposure Limits:</u>					
	<u>Chemical Name</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
		<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
1,3-bis(Hydroxymethyl)-5,5-dimethylhydantoin	N/Av	N/Av	N/Av	N/Av	

#### Exposure controls

##### Ventilation and engineering measures

- : Provide adequate ventilation. Local ventilation is recommended if the product is misted or used in a confined space, or if the TLV is exceeded.

##### Respiratory protection

- : If airborne concentrations are above the permissible exposure limit or are not known, use NIOSH-approved respirators. Respirators should be selected based on the form and concentration of contaminants in air, and in accordance with OSHA (29 CFR 1910.134) or CSA Z94.4-02. Advice should be sought from respiratory protection specialists.

##### Skin protection

- : Wear protective gloves. The suitability for a specific workplace should be discussed with the producers of the protective gloves. Depending on conditions of use, an impervious apron should be worn.

##### Eye / face protection

- : Wear as appropriate: Safety glasses with side shields; Tightly fitting safety goggles.

##### Other protective equipment

- : An eyewash station and safety shower should be made available in the immediate working area. Other equipment may be required depending on workplace standards.

##### General hygiene considerations

- : Avoid breathing fumes, mists or vapors. Avoid contact with skin, eyes and clothing. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove soiled clothing and wash it thoroughly before reuse. Handle in accordance with good industrial hygiene and safety practice. Contaminated work clothing must not be allowed out of the workplace.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance** : Clear liquid.  
**Odor** : Slight alcohol odor.  
**Odor threshold** : N/Av

SDS Preparation Date: 05/09/2017

**SAFETY DATA SHEET**

pH : 7.5  
Melting/Freezing point : 0°C (32°F)  
**Initial boiling point and boiling range**  
: 100°C (212°F)  
**Flash point** : N/Av  
**Flashpoint (Method)** : N/Av  
**Evaporation rate (BuAe = 1)** : N/Av  
**Flammability (solid, gas)** : Not applicable.  
**Lower flammable limit (% by vol.)**  
: N/Av  
**Upper flammable limit (% by vol.)**  
: N/Av  
**Oxidizing properties** : None known.  
**Explosive properties** : Not explosive  
**Vapor pressure** : N/Av  
**Vapor density** : > 1 (Air = 1)  
**Relative density / Specific gravity**  
: 0.98  
**Solubility in water** : Infinite.  
**Other solubility(ies)** : N/Av  
**Partition coefficient: n-octanol/water or Coefficient of water/oil distribution**  
: N/Av  
**Auto-ignition temperature** : N/Av  
**Decomposition temperature** : N/Av  
**Viscosity** : 5 - 10 cP  
**Volatiles (% by weight)** : N/Av  
**Volatile organic Compounds (VOC's)**  
: N/Av  
**Absolute pressure of container**  
: N/Av  
**Flame projection length** : N/Av  
**Other physical/chemical comments**  
: No additional information.

**SECTION 10. STABILITY AND REACTIVITY**

**Reactivity** : Not normally reactive.  
**Chemical stability** : Stable under normal conditions.  
**Possibility of hazardous reactions**  
: Hazardous polymerization does not occur.  
**Conditions to avoid** : Ensure adequate ventilation, especially in confined areas. Avoid contact with incompatible materials. Avoid heat and open flame.  
**Incompatible materials** : Strong oxidizing agents; Strong acids; Reducing agents; Alkali metals  
**Hazardous decomposition products**  
: None known, refer to hazardous combustion products in Section 5.

**SECTION 11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure:**

**Routes of entry inhalation** : YES

SDS Preparation Date: 05/09/2017

**SAFETY DATA SHEET**

Routes of entry skin &amp; eye : YES

Routes of entry Ingestion : YES

Routes of exposure skin absorption  
: NO**Potential Health Effects:****Signs and symptoms of short-term (acute) exposure***Sign and symptoms Inhalation*

: If mists are formed, inhalation may cause irritation to the nose, throat and respiratory tract. May cause coughing and breathing difficulties.

*Sign and symptoms ingestion*

: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

*Sign and symptoms skin*

: Direct skin contact may cause slight or mild, transient irritation. Direct skin contact may cause temporary redness.

*Sign and symptoms eyes*

: Direct eye contact may cause slight or mild, transient irritation. Symptoms may include tearing, redness and discomfort.

**Potential Chronic Health Effects**

: Prolonged overexposure may cause slight liver and kidney effects, such as increased organ weights.

**Mutagenicity**

: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity**

: No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.

**Reproductive effects & Teratogenicity**

: This product is not expected to cause reproductive or developmental effects.

**Sensitization to material**: This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015). Classification:  
Skin sensitization - Category 1. May cause an allergic skin reaction.  
May cause severe skin sensitization with allergic contact dermatitis symptoms such as swelling, rash and eczema.**Specific target organ effects**: Not classified as a specific target organ toxicity-single exposure.  
Not classified as a specific target organ toxicity - repeated exposure.**Medical conditions aggravated by overexposure**

: Pre-existing skin, eye and respiratory disorders.

**Synergistic materials**

: None known or reported by the manufacturer.

**Toxicological data**

: No data is available on the product itself. See below for individual ingredient acute toxicity data.

<b><u>Chemical name</u></b>	<b>LC<sub>50</sub> (4hr)</b>	<b>LD<sub>50</sub></b>	
	<b><u>inh, rat</u></b>	<b><u>(Oral, rat)</u></b>	<b><u>(Rabbit, dermal)</u></b>
1,3-bis(Hydroxymethyl)-5,5-di methylhydantoin	N/Av	3720 mg/kg	> 2000 mg/kg (No mortality)

**Other important toxicological hazards**

: None known or reported by the manufacturer.

**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity**

: No data is available on the product itself. The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters.

See the following tables for the substance's ecotoxicity data.

SDS Preparation Date: 05/09/2017

**SAFETY DATA SHEET****Ecotoxicity data:**

<u>Ingredients</u>	CAS No	Toxicity to Fish		
		LC50 / 96h	NOEC / 21 day	M Factor
1,3-bis(Hydroxymethyl)-5,5-dimethylhydantoin	6440-58-0	173 mg/L (Bluegill sunfish)	14 mg/L/28-day (Fathead minnow)	None.

<u>Ingredients</u>	CAS No	Toxicity to Daphnia		
		EC50 / 48h	NOEC / 21 day	M Factor
1,3-bis(Hydroxymethyl)-5,5-dimethylhydantoin	6440-58-0	29.1 mg/L (Daphnia magna)	70.9 mg/L	None.

<u>Ingredients</u>	CAS No	Toxicity to Algae		
		EC50 / 96h or 72h	NOEC / 96h or 72h	M Factor
1,3-bis(Hydroxymethyl)-5,5-dimethylhydantoin	6440-58-0	11 mg/L/72hr (Green algae)	5.1 mg/L/72hr	None.

**Persistence and degradability**

- : No data is available on the product itself.  
 The following ingredients are considered to be readily biodegradable:  
 1,3-bis(Hydroxymethyl)-5,5-dimethylhydantoin

**Bioaccumulation potential**

- : No data is available on the product itself. See the following data for ingredient information.

<u>Components</u>	<u>Partition coefficient n-octanol/water (log Kow)</u>	<u>Bioconcentration factor (BCF)</u>
1,3-bis(Hydroxymethyl)-5,5-dimethylhydantoin (CAS 6440-58-0)	- 2.9	3.0

**Mobility in soil**

- : No data is available on the product itself.

**Other Adverse Environmental effects**

- : No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

**SECTION 13. DISPOSAL CONSIDERATIONS****Handling for Disposal**

- : Handle waste according to recommendations in Section 7. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

**Methods of Disposal**

- : Dispose in accordance with all applicable federal, state, provincial and local regulations.





**RCRA**

- : If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

SDS Preparation Date: 05/09/2017

## SAFETY DATA SHEET

## SECTION 14. TRANSPORTATION INFORMATION

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
49CFR/DOT	None.	Not regulated.	not regulated	none	
<b>49CFR/DOT Additional information</b>	None.				
TDG	None.	Not regulated.	not regulated	none	
<b>TDG Additional information</b>	None.				
ICAO/IATA	None.	Not regulated.	not regulated	none	
<b>ICAO/IATA Additional information</b>	None.				
IMDG	None.	Not regulated.	not regulated	none	
<b>IMDG Additional information</b>	None.				

**Special precautions for user** : Appropriate advice on safety must accompany the package.

**Environmental hazards** : This product does not meet the criteria for an environmentally hazardous mixture, according to the IMDG Code. See Section 12 for more environmental information.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

: Not applicable.

## SECTION 15 - REGULATORY INFORMATION

**US Federal Information:**

Components listed below are present on the following U.S. Federal chemical lists:

Ingredients	CAS #	TSCA Inventory	CERCLA Reportable Quantity (RQ) (40 CFR 117.302):	SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical	
					Toxic Chemical	de minimus Concentration
1,3-bis(Hydroxymethyl)-5,5-dimethylhydantoin	6440-58-0	Yes	None.	None.	No	N/Ap

SARA TITLE III: Sec. 311 and 312, SDS Requirements, 40 CFR 370 Hazard Classes:

Health hazards (Skin sensitization)

Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds or the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.



SDS Preparation Date: 05/09/2017

**SAFETY DATA SHEET****US State Right to Know Laws:**

The following chemicals are specifically listed by individual States:

<u>Ingredients</u>	CAS #	California Proposition 65		State "Right to Know" Lists					
		Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
1,3-bis(Hydroxymethyl)-5,5-dimethylhydantoin	6440-58-0	No	N/Ap	No	No	No	No	No	No

**Canadian Information:**

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).

Canadian National Pollutant Release Inventory (NPRI): This product contains the following substances listed on the NPRI:  
Isopropyl alcohol (< 1%) (Part 1, Group A Substance; Part 5: Individual Substances)

WHMIS information: Refer to Section 2 for a WHMIS Classification for this product.

**International Information:**

Components listed below are present on the following International Inventory list:

<u>Ingredients</u>	CAS #	European EINECS	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	New Zealand IOC
1,3-bis(Hydroxymethyl)-5,5-dimethylhydantoin	6440-58-0	229-222-8	Present	Present	(5)-6503	KE-03214	Present	HSR002726

**SECTION 16. OTHER INFORMATION****Legend**

: ACGIH: American Conference of Governmental Industrial Hygienists  
AICS: Australian Inventory of Chemical Substances  
CA: California  
CAS: Chemical Abstract Services  
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980  
CFR: Code of Federal Regulations  
DOT: Department of Transportation  
ENCS: Existing and New Chemical Substances  
EPA: Environmental Protection Agency  
HMIS: Hazardous Materials Identification System  
HSDB: Hazardous Substances Data Bank  
IARC: International Agency for Research on Cancer  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organisation  
IMDG: International Maritime Dangerous Goods  
Inh: Inhalation  
IOC: Inventory of Chemicals  
IUCLID: International Uniform Chemical Information Database  
KECI: Korean Existing Chemicals Inventory  
KECL: Korean Existing Chemicals List  
LC: Lethal Concentration  
LD: Lethal Dose  
MA: Massachusetts

## SAFETY DATA SHEET

MN: Minnesota  
mppcf: million particles per cubic foot  
MSHA: Mine Safety and Health Administration  
N/Ap: Not Applicable  
N/Av: Not Available  
NFPA: National Fire Protection Association  
NIOSH: National Institute of Occupational Safety and Health  
NJ: New Jersey  
NOEC: No observable effect concentration  
OECD: Organisation for Economic Co-operation and Development  
NTP: National Toxicology Program  
OSHA: Occupational Safety and Health Administration  
PA: Pennsylvania  
PEL: Permissible exposure limit  
PICCS: Philippine Inventory of Chemicals and Chemical Substances  
RCRA: Resource Conservation and Recovery Act  
RI: Rhode Island  
RTECS: Registry of Toxic Effects of Chemical Substances  
SARA: Superfund Amendments and Reauthorization Act  
SDS: Safety Data Sheet / Material Safety Data Sheet  
STEL: Short Term Exposure Limit  
TDG: Canadian Transportation of Dangerous Goods Act & Regulations  
TLV: Threshold Limit Values  
TWA: Time Weighted Average  
TSCA: Toxic Substance Control Act  
WHMIS: Workplace Hazardous Materials Identification System

### References

- : 1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices for 2017.  
2. International Agency for Research on Cancer Monographs, searched 2017.  
3. Canadian Centre for Occupational Health and Safety, CCIInfoWeb databases, 2017 (Chempendium, HSDB and RTECs).  
4. Material Safety Data Sheets from manufacturer.  
5. US EPA Title III List of Lists - March 2015 version.  
6. California Proposition 65 List - January 27, 2017 version.  
7. OECD - The Global Portal to Information on Chemical Substances - eChemPortal, 2017.

**Preparation Date:** 05/09/2017

**Other special considerations for handling:**

Provide adequate information, instruction and training for operators.

**Prepared by:**

ICC The Compliance Center Inc.

Telephone: (888) 442-9628 (U.S.): (888) 977-4834 (Canada)

<http://www.thecompliancecenter.com>

## **SAFETY DATA SHEET**

### **DISCLAIMER**

This Safety Data Sheet was prepared by ICC The Compliance Center Inc. using information provided by Norazza Inc. The information in the Safety Data Sheet is offered for your consideration and guidance when exposed to this product. Norazza Inc. expressly disclaim all expressed or implied warranties and assume no responsibilities for the accuracy or completeness of the data contained herein. The data in this SDS does not apply to use with any other product or in any other process.

This Safety Data Sheet may not be changed, or altered in any way without the expressed knowledge and permission of ICC The Compliance Center Inc. and Norazza Inc.

**END OF DOCUMENT**