



Revision: 01
Supersedes: 9 September 2015
SDS Date: 9 April 2019

SAFETY DATA SHEET

Tenax Lustro Italiano Stone Cleaner

SECTION 1. IDENTIFICATION

Product Name: Lustro Italiano Stone Cleaner
Applicable Product Code(s): 16 fl. oz., (Item No. 550099; Client Item No. LUSTROCLEAN16)
CAS #: Mixture
Product Type: Finished Product – Consumer (Retail) Use Only.
Recommended Use: Hard surface cleaner
Restrictions for Use: Use only as directed on label.

Supplier of the SDS: Tenax USA LLC
Address: 7606 Whitehall Executive Center Dr., Suite 400
Charlotte, NC 28273

Telephone Number: (704) 583-1173
(8:00 A.M. to 5:00 P.M. EST, Monday through Friday) or www.lustroitaliano.com or
Chem Tel: (800) 255-2924
or
National Poison Control Center: (800)-222-1222
or
Local Poison Control Center or your physician.

SECTION 2. HAZARDS IDENTIFICATION. See Section 11 for additional information

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.

This product is classified under 29CFR 1910.1200(d) and the Canadian Hazardous Products Regulation as follows:

Eye Damage / Irritation Category 2B
Skin Damage/ Irritation Category 2

Signal Word WARNING

Hazard Statements Causes eye irritation
Causes mild skin irritation

Hazard pictograms



**Precautionary Statements-
Prevention** Wash hands and exposed skin thoroughly after handling



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Precautionary Statements Response

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists. Get medical advice/attention.

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

Physical appearance:

Clear colorless liquid with characteristic odor.

Potential short term health effects:

Routes of exposure

Eye, Skin contact, Inhalation, Ingestion.

Eye:

None expected during normal conditions of use.
May cause eye irritation upon direct contact with the eyes.

Skin:

None expected during normal conditions of use.
May cause skin irritation with repeated and prolonged skin contact.

Inhalation:

None expected during normal conditions of use.
Harmful if inhaled.

Ingestion:

None expected during normal conditions.
Harmful if swallowed

Precautionary Statements- Storage

Store in cool dry, well ventilated area.

Precautionary Statements - Disposal:

None

Hazardous not otherwise classified (HNOC) None

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients are listed according to 29CFR 1910.1200 Appendix D and the Canadian Hazardous Products Regulation

Chemical Name	Synonyms	Trade Secret	CAS-No	Weight %
2-Propanol	-	No	67-63-0	2.0 to 4.0
2-Butoxyethanol	-	No	111-76-2	0.5 to 1.0

SECTION 4. FIRST AID MEASURES

First aid measures for different exposure routes:

Eye Contact:

Hold eyes open, remove any contact lenses and immediately flush eyes with plenty of cool water for 15 minutes. If irritation persists, get medical attention

Skin Contact:

Completely remove contaminated clothing, wash skin with cool water and mild soap. Seek medical attention if irritation persists.

Ingestion:

Drink a glassful of water, do not induce vomiting. Never give an unconscious person anything to ingest. Call a doctor or poison control center



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Inhalation: Remove to fresh air. Administer oxygen or artificial respiration if breathing is affected or stopped. Seek immediate medical attention

Most Important symptoms/effects: None under normal conditions. Breathing difficulties: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
Acute and delayed.

Indication of immediate medical attention and special treatment, if necessary:

Notes to Physician: Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Dry chemical, CO₂, alcohol-resistant foam, or water

Unsuitable Extinguishing Media: None.

Special hazard: None known.

Special protective equipment for Fire-fighters as in any fire, wear self-contained breathing apparatus pressure demand. MSHA/NIOSH (approved or equivalent) and full protective gear.

Specific hazards arising from the chemical None

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures:

Personal precautions: Isolate release area and keep unnecessary people away. Use personal protective equipment. Do not get in eyes, on skin, or on clothing.

Advice to emergency responders: Use personal protective equipment as required.

Methods and materials for containment and cleaning up:

Methods of Containment: Contain spill if it can be done with minimal risk. Adsorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Methods for cleaning up: Contain spillage by diking with sand or other inert material. Floor and surfaces may be slippery. Mop up small spills. For large spills collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:



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Advice on safe handling: Use personal protective equipment as required. Avoiding contact with skin, eyes and clothing. Avoid breathing vapors or mist. Do not ingest. Keep container closed when not in use. Never return spills to original containers for re-use. Keep out of reach of children.

Conditions for safe storage, including any incompatibilities:

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible products: Keep away from strong oxidizers and reducing agents.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters:

Exposure Guidelines:

COMPONENT	CAS #	ACGIH TLV	OSHA PEL	NIOSH IDLM
2- Propanol	637-63-0	TWA: 200 ppm STEL: 400 ppm	(Vacated): TWA: 400 ppm	IDLH: 2000 ppm TWA: 400 ppm
2-Butoxethanol	111-76-2	TWA: 20 ppm	(Vacated) TWA: 25 ppm (Vacated) TWA: 120 mg/m ³ – skin TWA: 240 ppm TWA: 240 mg/m ³	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/in ²

Exposure controls:

Engineering Measures:

Distribution, Workplace and Household Settings:
 Ensure adequate Ventilation.

Production Manufacturing Plant (needed as Product-Producing Plant ONLY):
 Use appropriate ventilation to maintain airborne concentration limits below recommended exposure limit.

Personal Protective Equipment:

Eye Protection:

Distribution, Workplace and Household Settings:
 No special protective equipment required under normal conditions. Wear safety glasses or faces shield if splashing possible.

Production Manufacturing Plant (needed as Product-Producing Plant ONLY):
 Wear safety glasses or face shield if splashing possible

Hand Protection:

Distribution, Workplace and Household Settings:
 No special protective equipment required under normal conditions. Wear chemical resistant gloves when repeated and prolonged skin contact likely.

Production Manufacturing Plant (needed as Product-Producing Plant ONLY):
 Protective gloves.
 For 2-Propanol:

Glove Material	Breakthrough Time	Glove Thickness	Glove Comments
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Butyl Rubber	>480 minutes	0.5mm	Permeation rate: <0.9 µg/cm ² /min. As tested under EM374-3 Determination of Resistance to Permeation by Chemicals
Nitrile rubber	>360 to 480 minutes	0.38 to 0.55 mm	

Skin and Body Protection:

Distribution, Workplace and Household Settings:

No special protective equipment required under normal conditions.

Production Manufacturing Plant (needed as Product-Producing Plant ONLY):

Wear suitable protective clothing. Impervious apron and work boots recommended where splashing may occur.

Respiratory Protection:

Distribution, Workplace and Household Settings:

No special protective equipment required. Make certain area is well ventilated.

Production Manufacturing Plant (needed as Product-Producing Plant ONLY):

In case of insufficient ventilation wear suitable respiratory equipment. User proper respirator in areas where the chemical exposure is unknown or above the OSHA PEL or ACGIH TLV.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State @ 20°C:	liquid
Appearance:	colorless
Odor:	fresh
Odor threshold:	no information available

<u>Property</u>	<u>Values</u>
pH Value	9.5 to 11.0
Melting/freezing point:	Not Determined.
Boiling point/boiling range:	100° C / 212° F.
Flash point:	Not Determined
Evaporation rate:	No information available
Flammability (solid, gas):	No information available
Flammability Limits in Air:	No information available
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapor pressure:	No information available
Vapor density:	No information available
Relative density:	0.955
Water solubility:	Complete
Solubility in other solvents:	No information available
Partition coefficient: n-octanol/water:	No information available
Auto ignition temperature:	No information available
Decomposition temperature:	No information available
Viscosity of Product:	Water thin liquid

SECTION 10. STABILITY AND REACTIVITY

Reactivity: May react with strong oxidizers and reducing agents.



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Stability:	Stable under normal conditions.
Hazardous polymerization:	Hazardous polymerization does not occur.
Conditions to Avoid:	None under normal conditions
Materials to Avoid:	Strong oxidizing Agents
Hazardous Decomposition Products:	None under normal use. Thermal decomposition may yield oxides of carbon.

SECTION 11. TOXICOLOGICAL INFORMATION

Product Information:

Information on likely routes of exposure. Eyes, skin, inhalation.

Inhalation:	Exposure to vapor or mist may irritate respiratory tract.
Eye contact:	May cause eye irritation.
Skin contact:	Prolonged contact may cause irritation. Can be painful if skin is confined in gloves, clothing, etc.
Ingestion:	Ingestion may cause irritation to mucous membrane and gastrointestinal irritation, nausea, vomiting, and diarrhea.

Delayed and immediate effects as well as chronic effects form short and long-term exposure:

Acute toxicity	No known effect.
Skin corrosion/irritation	No known effect.
Serious eye damage/eye irritation	Causes eye irritation.
Skin sensitization	May cause mild skin irritation.
Respiratory sensitization	No known effect.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Neurological Effects	No known effect.
Reproductive toxicity	This product is not expected to cause reproductive effects.
Developmental toxicity	This product is not expected to cause developmental effects.
Teratogenicity	No known effect.
STOT – single exposure	No known effect.
STOT – repeated exposure	No known effect.
Target Organ Effects	No known effect.
Aspiration hazard	No known effect.
Carcinogenicity	Contains no ingredient listed as a carcinogen.
Component Information:	

Chemical Name	CAS-No	LD50 Oral	LD50 Dermal	LC50 Inhalation
Isopropanol	637-63-0	8840 mg/kg (rat)	13900 mg/kg (rat) 12870 mg/kg (rabbit)	72.6 mg/L (rat), 4 hr.
2-Butoethanol	111-76-2	1.746 mg/kg (rat)	99 mg/kg (rabbit)	450 ppm (rat), 4 hr. 486 ppm (rat,),4hr



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SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity:

Component	Freshwater Algae	Freshwater Fish	Micotox	Water Flea
Isopropanol	EC50 = 1840 mg/L, 72 hr (Desmodesmus subspicatus) EC50 > 1000 mg/L, 96hr (Desmodesmus subspicatus)	LC50 > 1400000 µg/L, 96 hr (Lepomis macrochirus) LC50 = 9648 mg/L, 96 hr. Flow-through (Pimephales promelas) LC% = 11130 mg/L, 96 hr. static (Pimephales promelas)	EC50 = 35380 mg/L Photobacterium phosphoreum, 5 min.	EC50 = 13299 mg/L, 48 hr. EC50 = 9714 mg/L, 24 hr.
2- Butoxyethanol	EC50 > 1000 mg/L, 72 hr.	LC50 = 1490 mg/L, 96 hr LC50 = 2850 mg/L, 96 hr.	Not Listed	EC50 = 1550 mg/L, 48 hr. EC50 > 1000 mg/L, 48 hr. EC50 = 1942 mg/L, 24 hr.

This product is not expected to be hazardous to the environment.

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Mobility: Will likely be mobile in the environment due to its water solubility

Other adverse effects: No information available.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Treatment:

Waste from Residues / Unused Products

Disposal should be in accordance with applicable regional, national, and local regulations.

Contaminated packaging:

Disposal should be in accordance with applicable regional, national, and local regulations.

California Hazardous Waste Codes (non-household setting)

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Household Use:

Household product is safe for disposal down the drain during detergent use or in the trash. Dispose of empty bottle in the trash or recycle where facilities exist.

SECTION 14. TRANSPORT INFORMATION

Product covered by this SDS, in its original form, is not regulated for transportation.

Ground Transport (US DOT):

Not regulated



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IMDG: Not regulated

Air Transport (IATA): Not regulated

SECTION 15. REGULATORY INFORMATION

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations Part 372.

SARA 311/312 Hazardous Categorization:

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactivity Hazard	No

CERCLA

This material as supplied contains no substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	CAS-No	Component RQ (lbs.)	Calculated Product RQ (lbs.)
NONE			

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following substance(s) which are either listed as hazardous air pollutants (HAPS) or VOC's per the Clean Air Act.

Chemical Name	HAPS Data	Class 1 Ozone Depletors	Class 2 Ozone Depletors
2- Butoxyethanol	X		

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 112.42)

Chemical Name	CAS-No	CWA – Reportable Quantities	Calculated Product RQ (lbs.)
NONE			

California Proposition 65: This product is not subject to warning labeling under California Proposition 65.

U.S, State Regulations (Right-to-know): No additional information available.

Component	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
2- Butoxyethanol	X	X	X	X	X

International Inventories:

United States: All intentionally-added components of this product are listed on the US TSCA Inventory.



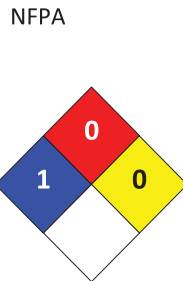
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SECTION 16. OTHER INFORMATION

Other Information:



HMIS

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

This SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Tenax USA LLC to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

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