

# SAFETY DATA SHEET

Emission date: 2017-01-31



## Section 1. Identification

**Product name** : **STAIN-OFF ECO 7313** **Code** : **7313**


**Product description** : **Textile/fabric stain remover - for rust stains**

**Restrictions on use** : For professional use only.

**Supplier/Manufacturer** : **CHOISY LABORATORIES LTD** **Emergency phone** : **Quebec Poison Control Centre:**  
390, boul. St-Laurent Est (24 hour service) -Quebec: 800-463-5060 (no charge)  
Louiseville (Quebec) -All other places: 418-656-8090  
CANADA J5V 2L7 info@choisy.com / www.choisy.com **CANUTEC**: 613-996-6666 (collect)

## Section 2. Hazard identification

**Product classification** : SKIN IRRITATION - Category 2  
EYE IRRITATION - Category 2A

**Hazard pictograms** : 

**Signal word** : Warning

**Hazard statements** : Causes serious eye irritation.  
Causes skin irritation.

### Precautionary statements

**Prevention** : Wear protective gloves and eye/face protection. Wash hands thoroughly after handling.

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

**Storage** : Not applicable.

**Disposal** : Not applicable.

**Other hazards** : None known.

## Section 3. Composition/information on ingredients

**Substance/mixture** : Mixture

<b>Hazardous ingredients</b>	<b>CAS number</b>	<b>Concentration %</b>
- Isopropanolamine oxalate	144-62-7/78-96-6	5 - 10
- Oxalic acid	144-62-7	1 - 5

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

## Section 4. First aid measures

**Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

**Skin contact** : Flush contaminated skin with plenty of water. Continue to rinse for at least 10 minutes. Get medical attention.

**Inhalation** : Maintain an open airway. Get medical attention if adverse health effects persist or are severe.

**Ingestion** : If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if adverse health effects persist or are severe.

**Notes to medical doctor** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

See Section 11 for more detailed information on health effects and possible symptoms.

**Section 5. Fire-fighting measures**

**Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.

**Specific hazards arising from the chemical**

In a fire or if heated, a pressure increase will occur and the container may burst.

**Hazardous thermal decomposition products** : Decomposition products may include the following materials: carbon dioxide carbon monoxide

**Advice for firefighters**

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**Section 6. Accidental release measures****Personal precautions, protective equipment and emergency procedures**

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**Methods and materials for containment and cleaning up**

Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Section 7. Handling and storage****Precautions for safe handling**

Put on appropriate personal protective equipment. Do not ingest. Avoid contact with eyes, skin and clothing. Wash hands thoroughly after handling. Manipulate with care, avoid splashes. Empty containers retain product residue and can be hazardous.

**Conditions for safe storage, including any incompatibilities**

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers.

**Section 8. Exposure controls/personal protection****Control parameters****Occupational exposure limits****Hazardous ingredients**

- Oxalic acid

**CAS number**

144-62-7

**Exposure limit values**

CA Quebec Provincial (Canada).

TWA: 1 mg/m<sup>3</sup>

STEL: 2 mg/m<sup>3</sup>

**Appropriate engineering controls**

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Personal protective equipment**

**Eye/face** : Wear eye protection against chemical splashes.  
**Hands** : Wear chemical-resistant, impervious gloves.  
**Respiratory** : No respiratory protection required under normal handling conditions.  
**Other** : Not applicable.

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

**Section 9. Physical and chemical properties**

<b>pH</b>	: 2 to 3	<b>Physical state</b>	: Liquid. [Transparent liquid.]
<b>Specific gravity</b>	: 1.025 to 1.035	<b>Odor</b>	: Odorless.
<b>Boiling point</b>	: 100°C	<b>Color</b>	: Colorless.
<b>Melting/freezing point</b>	: 0°C		
<b>Vapor pressure</b>	: Not available.		
<b>Vapor density</b>	: Not available.		
<b>Volatility</b>	: Not available.		



- Solubility** : Easily soluble in the following materials: cold water and hot water.
- Flash point** : Closed cup: >93.3°C [Pensky-Martens, closed cup.] [Product does not sustain combustion.]
- Viscosity** : Dynamic (room temperature): <10 mPa·s (<10 cP)

**Section 10. Stability and reactivity**

- Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- Chemical stability** : The product is stable.
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- Conditions to avoid** : No specific data.
- Incompatible materials** : No specific data.
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**Section 11. Toxicological information**

**Likely routes of exposure** : Dermal contact. Eye contact.

**Potential acute health effects**

- Eye contact** : Causes serious eye irritation.
- Skin contact** : Causes skin irritation.
- Inhalation** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

**Potentials symptoms related to the physical, chemical and toxicological characteristics**

- Eye contact** : pain or irritation, watering, redness
- Skin contact** : irritation, redness
- Inhalation** : No specific data.
- Ingestion** : No specific data.

**Potential chronic health effects**

- Carcinogenic Effects** : No known significant effects or critical hazards.
- Mutagenic Effects** : No known significant effects or critical hazards.
- Teratogenic Effects** : No known significant effects or critical hazards.
- Reproductive effects** : No known significant effects or critical hazards.
- Sensitizer** : No known significant effects or critical hazards.

**Numerical measures of toxicity**

Product/ingredient name	Species	Result	Dose
- Isopropanolamine oxalate	Rat	LD50 Oral	450 mg/kg
- Oxalic acid	Rat	LD50 Oral	475 mg/kg

**Section 12. Ecological information**

**Ecotoxicity** : No known significant effects or critical hazards.  
Phosphate-free product.

**Aquatic ecotoxicity:**

Product/ingredient name	Result	Species	Exposure
- Oxalic acid	LC50 1350 mg/l	Fish - Gambusia	96 hours

**Persistence and degradability**

Organic components are readily biodegradable based on OECD guidelines of the 301 serie (A to F).

**Section 13. Disposal considerations****Waste handling and disposal**

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**Section 14. Transport information**

Reg. info.	UN #	Proper shipping name	Classes	PG*	Label	Additional information
TDG Class	Not regulated.	-	-	-		<b>Remarks</b> Not regulated product (TDG)

PG\* : Packing group

**Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Section 15. Regulatory information**

Classification of this product and the SDS have been made in accordance with Hazardous Products Regulations (HPR) in force in Canada. This product is a mixture for which no specific health effects data exist. The risks have therefore been evaluated based on the physicochemical properties of the product and its composition and may be overestimated.

**Food contact** : Not applicable.

**DSL; Canadian Domestic Substance List** : All components are listed or exempted.

**Section 16. Other information**

**Date of issue** : 2017-01-31

**Version** : 1.04

**Notice to reader**

The information provided in this Safety Data Sheet has been compiled from our experience and data presented in various technical publications. The information contained herein is based on the state of our current knowledge of the product concerned. It is the user's responsibility to verify the value of this information for the adoption of required safety measures. We reserve the right to revise Safety Data Sheets from time to time as new technical information becomes available. The user has the responsibility to contact the company to make sure that the Safety Data Sheet he owns is the last published.

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