

Trade Name: 311 Quick Strip

Revision date: March 2023

Revision: 3

## **SECTION 1: Identification of the substance/mixture and of the company / undertaking**

### **1.1 Product identifier**

311 Quick Strip

**1.2 Uses/Application:** Stencil removal

### **1.3 Details of the supplier of the safety data sheet**

#### **Address**

Lancer Group International  
311 Saulteaux Crescent  
Winnipeg, Manitoba  
Canada R3J 3C7

Telephone no: +1 (204) 889-7422

Fax no: +1 (204) 8310426

Information provided by: Product Safety Department

Email address of the person responsible for this SDS: [cecilia@lancergroup.com](mailto:cecilia@lancergroup.com)

**1.4 24 Hour Emergency Number:** +1 (888) 226-8832 CANUTEC

## **SECTION 2: Hazard identification**

### **2.1 Classification of the substance or mixture**

Physical Hazards

Ox. Liq. 1-H271

Health Hazards

Skin Corr. 1C-H314 Eye Dam. 1-H318 STOT RE 1-H372

### **2.2 Label Elements**

2.2.1 Labelling according to Regulation (EU) 1272/2008:

Hazard symbol:

R36/38 irritating to eyes and skin

Hazard statement:

H271 May cause fire or explosion; strong oxidizer

H314 Causes severe skin burns and eye damage

H372 Causes damage to organs through prolonged or repeated exposure

H400 Very toxic to aquatic life

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Precautionary statement:

P273 Avoid release to the environment

P220 Keep away from combustible materials

P280 Wear protective gloves/protective clothing/face protection

P303+P361+P353 IF ON SKIN (or hair): take off immediately all contaminated clothing

Rinse skin with water/shower.

2.2.2 Labelling according to Directives (67/548; 1999/45):

EC number 233-937-0

Pictogram



**2.3 Other Hazards**

Not applicable

**SECTION 3: Composition / Information on ingredients**

**3.1 Mixture** An aqueous solution of periodic acid

Ingredients	CAS#	% Concentration
Periodic Acid Solution	10450-60-9	50 %

**SECTION 4: First aid measures**

**4.1 Description of first aid measures**

**General information**

Prompt removal of the material and obtaining medical attention are essential for all contact. Remove all contaminated clothing and immediately wash the exposed areas with copious amount of water. Continue the flushing during transportation to the emergency department. Corrosive effects may be delayed (up to 72 hours), and damage may occur without the sensation or onset of pain. Contact local poison control centre for further guidance.

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#### **After inhalation**

Unlikely route of exposure as the product does not contain volatile substances. Move affected person to fresh air at once. Keep the affected person warm and at rest. Get medical attention immediately.

#### **After skin contact**

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention immediately.

#### **After eye contact**

Immediately flush eyes with water for 30 to 60 minutes holding the eyelids open. If there is any redness, pain or visual impairment, consult an ophthalmologist.

#### **After ingestion**

Do not induce vomiting. Never give anything by mouth to an unconscious person. Remove affected person from source of contamination. Get medical attention immediately.

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

Corrosive to the respiratory tract. Causes severe burns. Gastrointestinal symptom, including upset stomach, nausea and vomiting. Causes serious eye damage. Immediate first aid is imperative.

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

##### **Notes for the doctor**

Treat symptomatically

### **SECTION 5: Firefighting measures**

#### **5.1 Extinguishing media**

##### **Suitable extinguishing media**

In the event of fire use carbon dioxide, dry chemical agents, foam, water spray.

#### **5.2 Hazardous Combustion Products**

Iodine

#### **5.3 Advice for firefighters**

Fire-fighting personnel should be equipped with self-contained breathing apparatus and protective clothing. Protective clothing for skin and eye protection should be worn to protect against corrosive materials.

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## **SECTION 6: Accidental release measures**

### **6.1 Personal precautions, protective equipment and emergency procedures**

Avoid inhaling vapor. Avoid any contact with skin or eyes. If large quantity has been spilled, evacuate all personnel and allow intervention by trained operators with safety apparatus. Only qualified personnel with suitable protective equipment may intervene.

### **6.2 Environmental precautions**

Do not allow to enter drains or waterways. If the product contaminates lakes, rivers, sewage, inform appropriate authorities in accordance with local regulations.

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

Scoop the material into a clean and properly labelled container for disposal. Absorb remainder with inert material.

### **6.4 Reference to other sections**

Refer to section 8

## **SECTION 7: Handling and storage**

### **7.1 Precautions for safe handling**

#### **Advice on safe handling**

Handle and open containers with care. Avoid eye contact. Avoid excessive or repeated skin contact. Keep the containers closed when not in use. Handle in well ventilated areas. Prevent access by unauthorized personnel. Handle in accordance with good industrial hygiene and safety practice. Wash hands before taking meal breaks and immediately after handling product. Do not eat, drink or smoke when using the product. Remove and wash contaminated clothing before re-use.

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

#### **storage condition**

Store in moderate cool, dry well ventilated area away from direct source of heat. Avoid freezing. Empty containers may contain product residues and should be handled accordingly. Position the container so that any labelling information is visible. Keep containers closed. Oxidiser storage.

### **7.3 Specific end use(s)**

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Haze removal

## **SECTION 8: Exposure controls/personal protection**

### **8.1 Control parameters**

**Exposure limits:** Periodic Acid long Term (8hr TWA): 4 mg/m<sup>3</sup> resp. dust 10 mg/m<sup>3</sup> total

### **8.2 Exposure controls**

#### **Exposure controls**

Local exhaust ventilation may be needed to control air contaminants to their exposure limit. Provide mechanical ventilation for confined spaces.

#### **Respiratory protection**

Where risk assessment shows air purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

#### **Hand protection**

Wear proper gloves when handling the product. Always ensure that gloves are free of defects and that they are stored and used correctly. The performance and effectiveness of the glove may be reduced by physical/chemical damage and poor maintenance. Always wash hands before eating.

#### **Eye protection**

Wear safety goggles and face shield. Have an eye-wash station available in the work area.

#### **Body protection**

Cotton or cotton/synthetic overalls are usually suitable.

## **SECTION 9: Physical and chemical properties:**

### **9.1 Information on basic physical and chemical properties**

<b>Form</b>	clear liquid
<b>Colour</b>	colourless
<b>Odour</b>	slight
<b>PH</b>	(concentrated solution): <1
<b>Decomposition temperature</b>	no data available
<b>Explosive properties</b>	no data available
<b>Oxidizing properties</b>	no data available
<b>Viscosity</b>	no data available
<b>Flash point</b> (Closed cup)	non -combustible (does not burn)
<b>Lower explosion limit</b>	no data available

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**Upper explosion limit** no data available

**Density** 1.59 g/ml

**Water solubility** miscible with water

## 9.2 Other information

The physical specifications are approximate values and refer to the used safety relevant component(s).

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No hazardous reactions when stored and handled according to prescribed instruction.

### 10.2 Chemical stability

Stable under recommended storage and handling conditions (see section 7).

### 10.3 Possibility of hazardous reactions

Not established

### 10.4 Conditions to avoid

High temperatures, sparks, open flames and all other ignition sources

### 10.5 Incompatible materials

Avoid flammable/combustible materials. Strong acids. Strong reducing agents. Powdered metal.

### 10.6 Hazardous Decomposition Products

Iodine

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effect

No data available

#### Experience in practice

Corrosive to skin. Causes severe burn. Harmful if swallowed.

## SECTION 12: Ecological information

### 12.1 Toxicity

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Very toxic to aquatic life. Toxicity is primarily associated with pH. Can be dangerous if allowed to enter drinking water intakes. Do not contaminate domestic or irrigation water supplies, lakes, streams, ponds, or rivers.

## **SECTION 13: Disposal considerations**

### **3.1 Waste treatment methods**

#### **Disposal recommendation for this product**

Wastes and emptied containers should be classified in accordance with relevant national regulation. Waste category based on European Council Directive on Waste: 080313 (Appendix A – Consolidated European Waste catalogue) Classified as Non-Hazardous.

For further information contact your local waste authority. Dispose of in accordance with appropriate U.S. Federal State and local regulations of Canada and regulations of EU member countries.

#### **Disposal recommendations for packaging**

Empty containers retain product residue and can be dangerous. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. Treat package in the same manner as the product.

## **SECTION 14: Transport information**

### **Land transport ARD/RID**

CORROSIVE LIQUID, OXIDIZING, N.O.S. (CONTAINS PERIODIC ACID), Class 8, Subsidiary Risk 5.1, Packing Group II

### **Marine transport IMDG/GGVSee**

CORROSIVE LIQUID, OXIDIZING, N.O.S. (CONTAINS PERIODIC ACID), Class 8, Subsidiary Risk 5.1, Packing Group II

### **Air transport ICAO/IATA**

CORROSIVE LIQUID, OXIDIZING, N.O.S. (CONTAINS PERIODIC ACID), Class 8, Subsidiary Risk 5.1, Packing Group II

### **Canadian TDG Shipping Description**

CORROSIVE LIQUID, OXIDIZING, N.O.S. (CONTAINS PERIODIC ACID), Class 8, Subsidiary Risk 5.1, Packing Group II

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**US DOT Classification**

CORROSIVE LIQUID, OXIDIZING, N.O.S. (CONTAINS PERIODIC ACID), Class 8, Subsidiary Risk 5.1, Packing Group II

**SECTION 15: Regulatory information**

**15.1 Safety, health and environmental regulations/ legislation specific for substance or mixture**

The product is not on the list of controlled substances of the following:

Regulation (EC) No. 2037/2000

Regulation (EC) No. 850/2004

Regulation (EC) No. 1999/13

**Other information**

All components are contained in the TSCA inventory or exempted.

All components are contained in the AICS inventory.

All components are contained in the PICCS inventory.

All components are contained in the DSL inventory.

All components are contained in the ENCS inventory

All components are contained in the ECL inventory.

US EPA CERCLA hazardous Substances (40CFR 302): Not applicable

California Proposition 65: Not applicable

SARA Title III 302 Extremely Hazardous Substances: Not applicable

SARA Title III 313 Toxic Chemicals: Not applicable

National Pollutant Release Inventory (NPRI): Not applicable

Hazardous Material Information System

**SECTION 16: Other information**

**Supplemental information**

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship. The information on this Safety Data Sheet is based on the present state of knowledge and current legislation.

It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications. The product should not be used for purposes other than shown in Section 1 without first referring to the supplier and obtaining written handling instructions.

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As specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation.

Therefore the user must assume all risks.