

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

**1.1 Product Identifier**

Product Form : Mixture  
Product Name : STRIP-EZE  
Product Code : SS

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Use of the substance/mixture : Heavy Duty Cleaner

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

Twi-Laq Industries, Inc.  
1345 Seneca Avenue  
Bronx, NY 10474  
T (718) 638-5860

**1.4 Emergency telephone number**

Emergency number : CHEM-TREC 1-800-424-9300

**SECTION 2: Hazards Identification**

**2.1 Classification of the substance or mixture**

**Classification (GHS-US)**

Flam. Aer. 2, H223  
Liq. Gas, H280  
Skin Irrit. 2, H315  
Eye Irrit. 2b, H320

**2.2 Label Elements**

**GHS-US labeling**

Hazard pictograms (GHS-US)



Signal Word (GHS-US)

: **WARNING**

Hazard Statements (GHS-US)

: H223 - Flammable Aerosol  
H280 - Contains gas under pressure; may explode if heated  
H315 - Causes skin irritation  
H320 - Causes eye irritation

Precautionary statements (GHS-US)

: P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P211 - Do not spray on an open flame or other ignition source.  
P251 - Pressurized container: Do not pierce or burn, even after use.  
P410 + 412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.  
P2403 - Store in a well-ventilated place.  
P264 - Wash exposed skin thoroughly after handling.  
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.  
P362 - Take off contaminated clothing and wash before reuse.  
P332 + P313 - If skin irritation occurs: Get medical advice/ attention.  
P305 + 351 + 338 - 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

**2.3 Other Hazards**

No additional information available

**2.4 Unknown Acute Toxicity**

No Data Available

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

**3.1 Substance**

Not Applicable

**3.2 Mixture**

Name	Product Identifier	%	Classification (GHS-US)
2-butoxyethanol	(CAS No.) 111-76-2	10 - 30	
propane / n-butane	(CAS No.) 68476-86-8	7 - 13	
Non-ionic surfactant	(CAS No.) 127087-87-0	1 - 5	

# STRIP-EZE

## Safety Data Sheet

according to Federal Register / Col. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### SECTION 4: First Aid Measures

#### 4.1 Description of First Aid measures

First Aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show label where possible)
First Aid measures after inhalation	: Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.
First Aid measures after skin contact	: If on skin: Wash with plenty of water. If skin irritation occurs: get medical attention. or rash occurs: Get medical advice/attention.
First Aid measures after eye contact	: 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 or attention
First Aid measures after ingestion	: Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation persists.

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

Acute Health Hazards	: Eyes: redness, tearing, blurred vision
Chronic Health Hazards	: None Known

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

Note to Physician	: There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.
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### SECTION 5: Firefighting Measures

#### 5.1 Extinguishing Media

Suitable extinguishing media	: Use appropriate media for surrounding fire.
Unsuitable extinguishing media	: N/A

#### 5.2 Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazard	: Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.
Hazardous Combustion Products	: Acrid smoke, oxides of carbon.

#### 5.3 Advice for firefighters

Firefighting Instructions	: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid contact with skin and breathing smoke fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting
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### SECTION 6: Accidental Release Measures

Personal Protective Equipment	: Refer to section VIII for proper Personal Protective Equipment.
Spill	: Large quantities should be picked up with oil dry or equivalent. Small quantities may be flushed to the sewer with large quantities of water.
Waste Disposal	: Dispose of in accordance with federal, state, and local regulations.
RCRA Status	: Product should be fully characterized prior to disposal (40 CFR 261)

### SECTION 7: Handling and Storage

#### 7.1 Precautions for safe handling

Additional hazards when processed	: Handle empty containers with care because residual vapors are flammable.
Precautions for safe handling	: Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use
Other Precautions	: Keep out of reach of children.
Hygiene measures	: Wash hands and forearms thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse
Incompatibility	: Strong Acids

### SECTION 8: Exposure controls / personal protection

#### 8.1 Control parameters

STRIP-EZE	
USA ACGIH	Not Applicable
USA OSHA	Not Applicable
2-butoxyethanol	
USA ACGIH (TLV)	20ppm
USA OSHA (PEL)	50ppm
Propane / n-butane	
USA ACGIH (TLV)	1000ppm
USA OSHA (PEL)	1000ppm
Non-ionic surfactant	
USA ACGIH (TLV)	Not Established
USA OSHA (PEL)	Not Established

# STRIP-EZE

## Safety Data Sheet

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### 8.2 Exposure controls

Engineering Controls / Ventilation	: General ventilation and local exhaust should be adequate.
Hand Protection	: Wear chemical resistant protective gloves.
Eye Protection	: Chemical goggles or safety glasses.
Skin and body protection	: Wear suitable protective clothing.
Respiratory Protection	: Wear NIOSH/MSHA approved respiratory protection if used in confined, poorly ventilated areas
Other Information	: Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance	: White Foam
Odor	: Ammonia
Odor threshold	: 5ppm
Boiling Point	: No data available
Freezing Point	: No data available
Flammability	: Flammable Aerosol
Flash Point	: No data available
Auto-ignition temperature	: No data available
Lower Flammability Limit	: No data available
Upper Flammability Limit	: No data available
Vapor Pressure	: No data available
Vapor Density (AIR=1)	: 1
Evaporation Rate	: >1
Specific Gravity (H2O=1)	: 0.99 (@25°C)
pH	: 9.75
Solids (%)	: No data available
Solubility in Water	: 100%
Partition Coefficient -n-Octonal/Water (Kow)	: No data available
Volatility including water	: 99%
Volatile Organic Compounds (VOC)	: 25%
Dielectric Strength	: No data available
Decomposition Temperature	: No data available

### 9.2 Other Information

No additional information available.

## SECTION 10: Stability and Reactivity

### 10.1 Reactivity

Chemically active metals and solids

### 10.2 Chemical Stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

None known

### 10.4 Conditions to avoid

Do not mix with strong acids

### 10.5 Incompatible materials

Strong Acids

### 10.6 Hazardous decomposition products

None known

## SECTION 11: Toxicological Information

### 11.1 Information on toxicological effects

Acute Toxicity : Not classified

#### 2-butoxyethanol (111-76-2)

LD50 oral rat	470 mg/kg
LD50 inhalation rat	450ppm, 4 hour, Rat
LD50 dermal rabbit	220 mg/kg

Routes of entry	: Eyes, Ingestion, Skin
Eyes	: Causes mild irritation
Ingestion	: May cause nausea, diarrhea, vomiting, depending on the amount ingested
Inhalation	: Irritant. Avoid breathing spray mist. May cause irritation to respiratory tract
Skin	: Brief contact is not irritating. May cause irritation, dryness, redness, localized defatting with prolonged or repeated contact. Removes natural oils and fats from skin.
Medical condition aggravated	: Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure
Acute Health Hazard	: EYES: redness, tearing, blurred vision / SKIN: defatting and dermatitis
Chronic Health Hazards	: None Known
Carcinogenicity	: OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

# STRIP-EZE

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### SECTION 12: Ecological Information

#### 12.1 Toxicity

##### 2-butoxyethanol (111-76-2)

Toxic to aquatic life only in high concentrations, lethal concentrations not available.

#### 12.2 Persistence and degradability

##### STRIP-EZE

Persistence and degradability | Component or components of this product are not biodegradable.

#### 12.3 Bioaccumulative potential

##### STRIP-EZE

Bioaccumulative potential | This product is not expected to bioaccumulate.

#### 12.4 Mobility in Soil

##### STRIP-EZE

Mobility in soil | This product is mobile in soil.

#### 12.5 Other adverse effects

Effect on ozone layer : No additional information available  
Effect on the global warming : No additional information available  
Other information : Avoid release to the environment

### SECTION 13: Disposal Considerations

#### 13.1 Waste Treatment Methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local, state, and federal regulations.  
RCRA Status : Product should be fully characterized prior to disposal (40 CFR 261).

### SECTION 14: Transport Information

Proper shipping name : Aerosols, Ltd. Qty.  
Hazard Class/Division : 2.1  
UN/NA Number : UN1950  
Packaging Group : N/A  
Air Shipment  
Proper shipping name : Aerosols, Ltd. Qty.  
Hazard Class/Division : 2.1  
UN/NA Number : UN1950  
Shipping by Water  
Vessel (IMO/IMDG)  
Proper shipping name : Aerosols, Ltd. Qty.  
Hazard Class/Division : 2.1  
UN/NA Number : UN1950  
Environmentally Hazards Water : N/A

#### Additional Information

Other Information : No supplementary information available

### SECTION 15: Regulatory Information

TSCA status : All chemicals are listed or exempt  
CERCLA : None  
SARA 311/312 Hazard Categories : None  
SARA 313 Reportable Ingredients : None  
Clean Water Act : None  
State Regulations : CA Prop 65: None  
International Regulations : 2-Butoxyethanol (111-76-2) Europe (EINECS), Japan (ENCS), Australia (AICS), WHMIS (Canada), DSCL (EEC), NDSL, Korea (ECL), Philippines (PICCS), New Zealand (NZIOC), China (IECS).

### SECTION 16: Other Information

Revision Date : 5/18/2015  
Other Information : None

NFPA Health	: 2	HMIS Health	: 2
NFPA Flammability	: 1	HMIS Flammability	: 1
NFPA Reactivity	: 0	HMIS Reactivity	: 0
NFPA Other	: N/A	HMIS Protection	: B

SDS US (GHS Hazcom 2012)

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