



## Safety Data Sheet

### Piston Kleen™

SDS Revision Date:

08/01/2017

## 1. Identification

### 1.1. Product identifier

**Product Identity** Piston Kleen™  
**Alternate Names** Piston Kleen™

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

**Intended use** See Technical Data Sheet.  
**Application Method** See Technical Data Sheet.

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

**Company Name** Orison Marketing, LLC  
4801 South Danville Drive  
Abilene, TX 79602

### Emergency

**CHEMTREC (USA)** (800) 424-9300  
**Emergency Telephone No.** (325) 692-1135 or US: 800-460-2403  
**Customer Service: Orison Marketing, LLC** US: 800-460-2403

## 2. Hazard(s) identification

### Potential Health Effects

**Eyes:** Causes eye irritation.  
**Skin:** Health injuries are not known or expected under normal use.  
**Inhalation:** Health injuries are not known or expected under normal use.  
**Ingestion:** Health injuries are not known or expected under normal use.

**Label Elements:** Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.

**Contains:** Non-ionic surfactant  
**Signal Word:** WARNING; R36  
**Hazard Statement:**  
**Prevention:** P280 – Wear eye/face protection and protective gloves  
**Response:** P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



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### 3. Composition/information on ingredients

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Sodium Tripolyphosphate CAS Number: 7758-29-4	1 - 3	Skin irritation Category 2 Eye Irritation Category 2A Specific target organ toxicity Category 3 Target Organs – Respiratory system	[1]
Monoethanolamine (Fully Reacted) CAS Number: 141-43-5	<1	Flammable Category 4 Acute Toxicity, Oral Category 4 Acute Toxicity, Inhalation Category 4 Acute Toxicity, Dermal Category 4 Skin Corrosion Category 1B Serious Eye Damage Category 1 Acute Aquatic Toxicity Category 3	[1] [2]
Sodium Metasilicate CAS Number: 6834-92-0	<1	Acute Toxicity – Oral Category 4	[1] [2]
Proprietary Blend	<1		
Water CAS Number: 7732-18-5	Balance		

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit

[3] PBT-substance or vPvB-substance.

\*The full texts of the phrases are shown in Section 16.

### 4. First aid measures

#### 4.1. Description of first aid measures

##### General

In all cases of doubt, or when symptoms persist, seek medical attention.  
Never give anything by mouth to an unconscious person.

##### Inhalation

Not expected to present an inhalation hazard when used as directed.

##### Eyes

Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

##### Skin

Rinse skin with water. Apply skin conditioners to replenish oils.

##### Ingestion

Do not induce vomiting. Drink water to dilute.

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

##### Overview

May irritate skin after prolonged contact. Will irritate eyes on contact. Not expected to present an inhalation

### 5. Fire-fighting measures

#### 5.1. Extinguishing media

Carbon Dioxide, Foam, Dry Chemical and Water Fog.



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

Hazardous decomposition: No hazardous decomposition data available.

#### 5.3. Advice for fire-fighters

None

ERG Guide No. ----

## 6. Accidental release measures

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

Put on appropriate personal protective equipment (see section 8).

#### 6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

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

Flush with plenty of water or pick up and dispose of according to state and local regulations

## 7. Handling and storage

#### 7.1. Precautions for safe handling

Handle containers carefully to prevent damage and spillage.

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

Incompatible materials: Oxidizers and strong acids.

Keep from freezing. Keep out of reach of children and pets.

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

No data available.

## 8. Exposure controls and personal protection

There are no ingredients in this product which are classified as hazardous, and/or no hazardous ingredients above the GHS cut off percentage.

#### 8.2. Exposure controls

**Respiratory** None required when used as directed.

**Eyes** Goggles recommended.



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<b>Skin</b>	Plastic or rubber gloves
<b>Engineering Controls</b>	Provide adequate ventilation
<b>Other Work Practices</b>	Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

## 9. Physical and chemical properties

<b>Appearance</b>	Clear to Hazy Colorless Liquid
<b>Odor</b>	Characteristic
<b>Odor threshold</b>	Not Measured
<b>pH</b>	11 - 12.9
<b>Melting point / freezing point</b>	Not Measured
<b>Initial boiling point and boiling range</b>	210 F
<b>Flash Point</b>	Non Flammable
<b>Evaporation rate (Ether = 1)</b>	Not Measured
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> Not Measured <b>Upper Explosive Limit:</b> Not Measured
<b>Vapor pressure (Pa)</b>	None
<b>Vapor Density</b>	Not Measured
<b>Specific Gravity</b>	1.015 - 1.025
<b>Solubility in Water</b>	Complete
<b>Partition coefficient n-octanol/water (Log Kow)</b>	Not Measured
<b>Auto-ignition temperature</b>	Not Measured
<b>Decomposition temperature</b>	Not Measured
<b>Viscosity (cSt)</b>	Not Measured

### 9.2. Other information

No other relevant information.

## 10. Stability and reactivity

### 10.1. Reactivity

Hazardous Polymerization will not occur.

### 10.2. Chemical stability

Stable under normal circumstances.

### 10.3. Possibility of hazardous reactions

No data available.



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#### 10.4. Conditions to avoid

No data available.

#### 10.5. Incompatible materials

Oxidizers and strong acids.

#### 10.6. Hazardous decomposition products

No hazardous decomposition data available.

## 11. Toxicological information

#### Acute toxicity

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

## 12. Ecological information

#### 12.1. Toxicity

No additional information provided for this product.

#### Aquatic Ecotoxicity

Avoid contaminating waterways.

#### 12.2. Persistence and degradability

This product is biodegradable.



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#### 12.3. Bioaccumulative potential

Not Measured

#### 12.4. Mobility in soil

No data available.

#### 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

#### 12.6. Other adverse effects

No data available.

## 13. Disposal considerations

#### 13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

## 14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	Not Applicable	Not Regulated	Not Regulated
14.2. UN proper shipping name	Not Regulated	Not Regulated	Not Regulated
14.3. Transport hazard class(es)	DOT Hazard Class: Not Applicable	IMDG: Not Applicable Sub Class: Not Applicable	Air Class: Not Applicable
14.4. Packing group	Not Applicable	Not Applicable	Not Applicable
14.5. Environmental hazards			
IMDG	Marine Pollutant: No		
14.6. Special precautions for user	No further information		

## 15. Regulatory information

**Regulatory Overview** The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

**Toxic Substance Control Act ( TSCA)** All components of this material are either listed or exempt from listing on the TSCA Inventory.

**WHMIS Classification** Not Regulated

**US EPA Tier II Hazards**

**Fire:** No

**Sudden Release of Pressure:** No



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Reactive: No

Immediate (Acute): No

Delayed (Chronic): No

#### EPCRA 311/312 Chemicals and RQs:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

#### EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

#### EPCRA 313 Toxic Chemicals:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

#### Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

#### Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

#### Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

#### Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

#### New Jersey RTK Substances (>1%) :

Sodium Tripolyphosphate

#### Pennsylvania RTK Substances (>1%) :

Sodium Tripolyphosphate

## 16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

R36 Irritating to eyes

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and is not valid for such material used in combination with any other materials or in any process, unless specified in the text.

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