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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.

1.3. Details of the supplier of the safety data sheet

Company Name Orison Marketing, LLC

4801 South Danville Drive

Abilene, TX 79602

Emergency

24 hour Emergency Telephone No. (325) 692-1135 or US: 800-460-2403

Customer Service: US: 800-460-2403

2. Hazard(s) identification

2.1. Classification of the substance or mixture

No applicable GHS categories.

2.2. Label elements

No applicable GHS categories.

[Prevention]

No GHS prevention statements

[Response]

No GHS response statements

[Storage]

No GHS storage statements

[Disposal]

No GHS disposal statements

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
pentasodium triphosphate CAS Number: 0007758-29-4	1 - 5	Skin Irrit. 2;H315 Eye Irrit. 2;H319	

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

^{*}PBT/vPvB - PBT-substance or vPvB-substance.

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



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Section 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 Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give

artificial respiration. If unconscious, place in the recovery position and obtain immediate

medical attention. Give nothing by mouth.

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 No specific symptom data available.

Treat symptomatically.

Section 5. Fire-fighting measures

5.1. Extinguishing media

Carbon Dioxide, Foam, Dry Chemical and Water Fog.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.

5.3. Advice for fire-fighters

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.

ERG Guide No. ----

Section 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



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Section 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.

Section 8. Exposure controls / personal protection

8.1. Control parameters

Exposure

CAS No.	Ingredient	Source	Value
0007758-29-4	58-29-4 pentasodium triphosphate		No Established Limit
		ACGIH	No Established Limit
	NIOSH	No Established Limit	

8.2. Exposure controls

Respiratory If workers are exposed to concentrations above the exposure limit, they must use the

appropriate, certified respirators.

EyesGoggles recommended.SkinPlastic or rubber gloves

Engineering Controls Provide adequate ventilation. Where reasonably practicable this should be achieved by the

use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits

suitable respiratory protection must be worn.

using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Color: Clear to Hazy Colorless

Physical State: Liquid

Odor Characteristic
Odor threshold
Not determined

pH 11 - 12.9

Melting point / freezing point Not Measured

ricing point / ireczing point



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Initial boiling point and boiling range

Flash Point

Evaporation rate (Ether = 1) Flammability (solid, gas)

Upper/lower flammability or explosive limits

Vapor pressure (Pa)

Vapor Density Relative Density Solubility in Water

Partition coefficient n-octanol/water (Log Kow)

Auto-ignition temperature Decomposition temperature

Viscosity (cSt)

210 F

Non Flammable Not Measured Not Applicable

Lower Explosive Limit: Not Measured **Upper Explosive Limit:** Not Measured

None

Not Measured 1.015 - 1.025 Complete Not Measured Not Measured Not Measured Not Measured

9.2. Other information

No other relevant information.

Section 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.

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.



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Section 11. Toxicological information

Acute toxicity

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
pentasodium triphosphate - (7758-29-4)	3,120.00, Rat - Category: 5	4,641.00, Rabbit - Category: 5	No data available.	No data available.	No data available.

Carcinogen Data

Carcinogen					
CAS No.	Ingredient	Source	Value		
0007758-29-4	pentasodium triphosphate	OSHA	Regulated Carcinogen: No;		
		NTP	Known: No;	Suspected: No;	
		IARC	Group 1: No	; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;	
		ACGIH	No Establish	ned Limit	
Classification	on	Ca	Category Hazard Description		
Acute toxicity	y (oral)			Not Applicable	
Acute toxicity	y (dermal)			Not Applicable	
Acute toxicity	y (inhalation)			Not Applicable	
Skin corrosion/irritation				Not Applicable	
Serious eye damage/irritation				Not Applicable	
Respiratory	sensitization			Not Applicable	
Skin sensitiz	ation			Not Applicable	
Germ cell mi	utagenicity			Not Applicable	
Carcinogenio	city			Not Applicable	
Reproductive	e toxicity			Not Applicable	
STOT-single exposure				Not Applicable	
STOT-repeated exposure				Not Applicable	
Aspiration hazard				Not Applicable	



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Section 12. Ecological information

12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish,	48 hr EC50 crustacea,	ErC50 algae,
	mg/L	mg/L	mg/L
pentasodium triphosphate - (7758-29-4)	1,851.00, Fish	1,150.00, Daphnia magna	> 1,000, Algae

12.2. Persistence and degradability

There is no data available on the preparation itself.

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.

Section 13. Disposal considerations

13.1. Waste treatment methods

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

Section 14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	Not Regulated	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 Sub Class: Not Applicable	IMDG: Not Applicable Sub Class: Not Applicable	Air Class: Not Applicable Sub Class: Not Applicable
14.4. Packing group	Not Applicable	Not Applicable	Not Applicable

14.5. Environmental hazards

Marine Pollutant: No;



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14.6. Special precautions for user

Not Applicable

Section 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 All components of this material are either listed or exempt from listing on the TSCA

Control Act (TSCA) Inventory. **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.

Proposition 65 Label Warning:

This product contains no chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Section 16. Other information

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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:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

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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