

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****Product identifier****Product name** Lemon Fresh**Other means of identification****Product Code** FM9061, FM9129  
**Document****Recommended use of the chemical and restrictions on use****Recommended use** All Purpose Cleaner**Details of the supplier of the safety data sheet****Distributor**Accurate  
731 W. Fairmont Dr.  
Tempe, AZ 85282**Emergency telephone number****24 Hour Emergency Phone Number** CHEMTREC: 1-800-424-9300 (NORTH AMERICA)  
1-703-527-3887 (INTERNATIONAL)**Company Phone Number** 1-800-454-5544**2. HAZARDS IDENTIFICATION****Classification****OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A

**Label elements****Emergency Overview****Warning****Hazard Statements**Causes skin irritation  
Causes serious eye irritation**Appearance** Transparent Yellow**Physical state** Liquid**Odor** Lemon**Precautionary Statements - Prevention**

- Wash face, hands and any exposed skin thoroughly after handling
- Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

- Immediately call a POISON CENTER or doctor/physician
- 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/attention
- IF ON SKIN: Wash with plenty of soap and water
- If skin irritation occurs: Get medical advice/attention
- Take off contaminated clothing and wash before reuse
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

**Precautionary Statements - Storage**

Store in a well-ventilated place

**Precautionary Statements - Disposal**

Dispose of contents/container to approved disposal facility

**Hazards not otherwise classified (HNOC)****Other information****3. COMPOSITION/INFORMATION ON INGREDIENTS**

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Chemical Name	CAS-No	Weight-%	Trade Secret
Pentasodium triphosphate	7758-29-4	2	*
Dipropylene glycol monomethyl ether	34590-94-8	1% - 5%	*
Sodium metasilicate	6834-92-0	0.5% - 1.5%	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES****First aid measures for different exposure routes**

<b>General advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Eye contact</b>	Wash with water for 15 minutes. See physician if irritation persists.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician.
<b>Inhalation</b>	Not an expected route of exposure.
<b>Ingestion</b>	DO NOT induce vomiting. Give large amounts of water if victim is conscious. Never give anything by mouth to an unconscious person. Get medical attention immediately.
<b>Protection of First-aiders</b>	Do not use mouth-to-mouth method if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

**Most important symptoms/effects, acute and delayed**

**Main Symptoms** The most important known symptoms and effects are described in the labelling in section 2 and/or in section 11.

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to physician** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### **Suitable Extinguishing Media**

Carbon dioxide (CO<sub>2</sub>). Dry powder. Water.

**Unsuitable Extinguishing Media** CAUTION: Use of water spray when fighting fire may be inefficient.

### **Specific hazards arising from the chemical**

No information available.

### **Explosion Data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

### **Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

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

#### **Personal precautions**

Avoid contact with the skin and the eyes. Use personal protective equipment. Ensure adequate ventilation.

#### **Environmental precautions**

#### **Environmental precautions**

Keep out of waterways. Neutralization is normally necessary before waste water is discharged into water treatment plants. See Section 12 for additional Ecological Information.

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

#### **Methods for Containment**

Contain spill. Neutralize with mild acid solution. Flush residue with large volumes of water.

#### **Methods for cleaning up**

Mop up & flush neutralized material to sewer with plenty of water.

## 7. HANDLING AND STORAGE

### **Precautions for safe handling**

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

Do not eat, drink or smoke when using this product. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water.

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

#### **Technical measures/Storage conditions**

Keep container in cool well-ventilated area. Keep container tightly closed. Store away from incompatible materials. Keep out of the reach of children.

#### **Incompatible products**

Strong acids.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

Review Section 3 &amp; 4 for Exposure Guidelines.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Pentasodium triphosphate 7758-29-4	-	15mg/m <sup>3</sup>	-
Dipropylene glycol monomethyl ether 34590-94-8	STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 600 mg/m <sup>3</sup> S*	IDLH: 600 ppm TWA: 100 ppm TWA: 600 mg/m <sup>3</sup> STEL: 150 ppm STEL: 900 mg/m <sup>3</sup>
Sodium metasilicate 6834-92-0	-	2mg/m <sup>3</sup>	-

NIOSH IDLH: Immediately Dangerous to Life or Health

### Appropriate engineering controls

#### Engineering Measures

Ensure that eyewash stations and safety showers or an equivalent method of decontamination are close to the work location.

#### Individual protection measures, such as personal protective equipment

##### Eye/Face Protection

Splash-proof chemical goggles or face shield.

##### Skin and body protection

Rubber gloves.

##### Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

#### Hygiene measures

Wash hands before breaks and immediately after handling the product. Do not eat, drink or smoke when using this product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and chemical properties

#### Physical state

Liquid

#### Appearance

Transparent

#### Color

Lemon

#### Odor

Lemon

#### Odor Threshold

No information available

#### Property

#### Values

#### Remarks • Methods

##### pH

9.46± 0.005

##### Melting/freezing point

No information available

##### Boiling point/boiling range

~ 100 °C / 212 °F

##### Flash Point

No information available

##### Evaporation rate

No information available

##### Flammability (solid, gas)

No information available

##### Flammability Limits in Air

##### Upper flammability limit

No information available

##### Lower flammability limit

No information available

##### Vapor pressure

No information available

##### Vapor density

No information available

##### Specific Gravity

1.034 0.005

##### Water solubility

Completely soluble.

##### Solubility in other solvents

No information available

##### Partition coefficient: n-octanol/water

No information available

##### Autoignition temperature

No information available

##### Decomposition temperature

No information available

Similar to water

**Viscosity, kinematic** No information available  
**Viscosity, dynamic** No information available  
**Explosive properties** No information available  
**Oxidizing Properties** No information available

**Other information**

**Softening point** N/A  
**Molecular Weight** N/A  
**VOC Content(%)** Negligible  
**Density VALUE** N/A  
**Bulk Density VALUE** N/A

**10. STABILITY AND REACTIVITY**
**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Conditions to Avoid**

Extremes of temperature and direct sunlight.

**Incompatible Materials**

Strong acids.

**Hazardous Decomposition Products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION**
**Information on likely routes of exposure**

**Product Information** Severe eye irritant Causes skin irritation  
**Inhalation** Not an expected route of exposure.  
**Eye contact** Irritating to eyes.  
**Skin contact** May cause skin irritation and/or dermatitis.  
**Ingestion** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
Pentasodium triphosphate 7758-29-4	= 3100 mg/kg ( Rat )	> 7940 mg/kg ( Rabbit )	-
Dipropylene glycol monomethyl ether 34590-94-8	= 5230 mg/kg ( Rat )	= 9500 mg/kg ( Rabbit )	-
Sodium metasilicate 6834-92-0	= 600 mg/kg ( Rat )	-	-

**Information on toxicological effects**

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** No information available.  
**Mutagenic effects** No information available.

<b>Carcinogenicity</b>	There are no known carcinogenic chemicals in this product.
<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Chronic toxicity</b>	No information available.
<b>Aspiration hazard</b>	No information available.

#### **Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document .

<b>ATEmix (oral)</b>	37116 mg/kg
<b>ATEmix (dermal)</b>	48487 mg/kg

### **12. ECOLOGICAL INFORMATION**

#### **Ecotoxicity**

6.0016% of the mixture consists of components(s) of unknown hazards to the aquatic environment

<b>Chemical Name</b>	<b>Algae/aquatic plants</b>	<b>Fish</b>	<b>Crustacea</b>
Pentasodium triphosphate 7758-29-4	-	1650: 48 h Leuciscus idus mg/L LC50	-
Dipropylene glycol monomethyl ether 34590-94-8	-	10000: 96 h Pimephales promelas mg/L LC50 static	-
Sodium metasilicate 6834-92-0	-	210: 96 h Brachydanio rerio mg/L LC50 semi-static 210: 96 h Brachydanio rerio mg/L LC50	216: 96 h Daphnia magna mg/L EC50

#### **Persistence and degradability**

No information available.

#### **Bioaccumulation**

No information available.

<b>Chemical Name</b>	<b>Partition coefficient</b>
Dipropylene glycol monomethyl ether 34590-94-8	-0.064

#### **Other adverse effects**

No information available

### **13. DISPOSAL CONSIDERATIONS**

#### **Waste treatment**

#### **Waste Disposal Methods**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### **Contaminated packaging**

Do not reuse container.

### **14. TRANSPORT INFORMATION**

#### **DOT**

**Proper shipping name**

Not regulated

Not regulated

**15. REGULATORY INFORMATION****International Inventories**

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	Complies
<b>ENCS</b>	-
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Complies

**Legend:**

**TSCA** - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**U.S. Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	no
<b>Fire Hazard</b>	no
<b>Sudden Release of Pressure Hazard</b>	no
<b>Reactive Hazard</b>	no

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**U.S. State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

This product contains substances regulated by state right-to-know regulations.

Chemical Name	New Jersey	Massachusetts	Pennsylvania
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Pentasodium triphosphate 7758-29-4	-	-	X
Dipropylene glycol monomethyl ether 34590-94-8	X	-	X

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**16. OTHER INFORMATION**

<b>NFPA</b>	Health Hazards 1	Flammability 0	Instability 0	Physical and chemical hazards -
<b>HMIS</b>	Health hazard 1	Flammability 0	Physical Hazards 0	Personal protection X

Prepared By

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Revision Note

**Disclaimer**

The information provided in this Material 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 may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**