

ACP-463 – Extraction Cleaner

Date: 08/14/2024

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

**Product Name** Extraction Cleaner

### Other Means of Identification

**Product Code** 463

### Recommended Use of the Chemical and Restrictions on Use

**Recommended Use** Extraction Cleaner  
**Uses Advised Against** For industrial and commercial use only.

### Details of the Supplier of the Safety Data Sheet

**Manufacturer Address** Arrow Chemical Products, Inc.  
 5933 W. KL Ave.  
 Kalamzoo, MI 49009

### Emergency Telephone Number

**Company Phone Number** 313-237-0277  
**Emergency Telephone** INFOTRAC 1-352-323-3500 (International)  
 1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

### Classification

Acute Toxicity – Oral	Category 4
Skin Corrosion/Irritation	Category 1 Sub Category C
Serious Eye Damage/Eye Irritation	Category 1

### Hazard Statements

Causes skin irritation  
 Causes serious eye irritation  
 Harmful if swallowed  
 Corrosive to metals

### Signal Word

**DANGER**



**Appearance:** Clear liquid

**Physical State:** Liquid

**Odor:** Lemon Fragrance

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Do not eat, drink or smoke when using this product  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Keep container tightly closed  
 Do not taste or swallow

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention  
**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 Get medical attention if irritation occurs.  
**IF ON SKIN (or hair):** Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention  
**IF SWALLOWED:** Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Rinse mouth  
**IF INHALED:** Move person to fresh air. If breathing is difficult give oxygen. If not breathing give artificial respiration. Get medical attention.

**Precautionary Statements - Storage**

Store locked up in a well-ventilated place. Keep out of reach of children. Keep unused container tightly closed.

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%
Diphosphoric acid, potassium salt	7320-34-5	0 - 10
Sodium xylene sulfonate	1300-72-7	0 - 5
Sodium Metasilicate pentahydrate	6834-92-0	0 - 5
Tall oil Fatty Acid	61790-12-3	0 - 3

**4. FIRST AID MEASURES**

**First Aid Measures**

<b>General Advice</b>	If exposed or concerned: Get medical advice/attention.
<b>Inhalation</b>	Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if irritation occurs.
<b>Eye Contact</b>	Flush eyes thoroughly with water for at least 15 minutes. Get medical attention if irritation occurs.
<b>Ingestion</b>	Rinse mouth. Do NOT induce vomiting. Get medical attention.
<b>Skin Contact</b>	Wash with plenty of soap and water. Get medical attention if irritation occurs.

**Most Important Symptoms and Effects, both Acute and Delayed**

<b>Symptoms</b>	Harmful if swallowed. Irritating to skin and eyes. Contact with eyes may cause stinging, tearing, redness, swelling and blurred vision. On skin may cause redness and pain.
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**Indication of any Immediate Medical Attention and Special Treatment Needed**

<b>Note to Physicians</b>	Treat symptomatically.
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## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Not combustible. Use extinguishing media suitable for surrounding fire.

**Unsuitable Extinguishing Media** None known.

### Specific Hazards Arising from the Chemical

Non-combustible

**Hazardous Combustion Products** Oxides of phosphorus, oxides of potassium.

### 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.

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## 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

**Personal Precautions** Absorb spilled material and sweep up.

**Environmental Precautions** Prevent product from entering drains. Do not flush into surface water or sanitary sewers.

### Methods and Material for Containment and Cleaning Up

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up** Absorb spilled material and sweep up. Do not hose spills down drains, sewers, or waterways. Keep in suitable, closed containers for disposal.

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## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

**Advice on Safe Handling** Do not eat, drink or smoke when handling this product. Wear protective gloves/protective clothing and eye/face protection. Wash face, hands, and any exposed skin thoroughly after handling.

### Conditions for Safe Storage, Including any Incompatibilities

**Storage Conditions** Store locked up. Store away from incompatible materials. Store in a well-ventilated area. Keep container tightly closed.

**Incompatible Materials** Strong oxidizing agents.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Diphosphoric acid, potassium salt 7320-34-5	-	TWA: 15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (resp fraction)	-
Sodium Metasilicate Pentahydrate 10213-79-3	-	TWA: 2mg/m <sup>3</sup> 15 MIN*	-
Tall Oil Fatty Acid 61790-12-3	TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>

\* No Occupational Exposure Limit assigned. Above recommended by analogy with sodium hydroxide.

**Appropriate Engineering Controls**

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits. Provide eye wash and safety shower.

**Individual Protection Measures, such as Personal Protective Equipment**

**Eye/Face Protection** Splash goggles or safety glasses. Face-shields are recommended when the task can generate splashes, sprays or mists.

**Skin and Body Protection** Rubber gloves or other impervious gloves.

**Respiratory Protection** Under normal circumstances, no protective equipment is needed.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly before eating, drinking, using tobacco applying cosmetics, or using the toilet.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on Basic Physical and Chemical Properties**

<b>Physical State</b>	Liquid	<b>Odor</b>	Lemon fragrance
<b>Appearance</b>	Clear liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Clear		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	12.0 – 14.0	
<b>Melting Point/Freezing Point</b>	Not determined	
<b>Boiling Point/Boiling Range</b>	Not determined	
<b>Flash Point</b>	Not Applicable	
<b>Evaporation Rate</b>	1	Water = 1
<b>Flammability (Solid, Gas)</b>	N/A- Liquid	
<b>Upper Flammability Limits</b>	Not Applicable	
<b>Lower Flammability Limit</b>	Not Applicable	
<b>Vapor Pressure</b>	Not determined	
<b>Vapor Density</b>	Not determined	
<b>Specific Gravity</b>	1.095	
<b>Water Solubility</b>	Complete	
<b>Solubility in Other Solvents</b>	Not Applicable	
<b>Partition Coefficient</b>	Not determined	
<b>Auto ignition Temperature</b>	Not determined	
<b>Decomposition Temperature</b>	Not determined	
<b>Kinematic Viscosity</b>	Not determined	

**10. STABILITY AND REACTIVITY**

**Reactivity**

Not reactive under normal conditions.

**Chemical Stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Hazardous Polymerization** Will not occur.

**Conditions to Avoid**

Excessive heat and contamination of any kind.

**Incompatible Materials**

Strong oxidizing agents.

**Hazardous Decomposition Products**

Oxides of phosphorus, oxides of potassium.

**11. TOXICOLOGICAL INFORMATION**

**Information on Likely Routes of Exposure**

**Product Information**

**Inhalation** Avoid breathing vapors or mists.

**Eye Contact** Causes serious eye damage.

**Skin Contact** Repeated or prolonged contact causes drying or cracking of the skin.

**Ingestion** Do not taste or swallow. Harmful if swallowed.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Diphosphoric acid, potassium salt 7320-34-5	>1000 mg/kg (Rabbit)	>4640 mg/kg (Rabbit)	-
Sodium xylene sulfonate 1300-72-7	1000 mg/kg (Rat)	-	-
Sodium Metasilicate Pentahydrate 10213-79-3	1152-1349 mg/kg (Rat)	>5000 mg/kg (Rat)	>2.06 g/m <sup>3</sup> (Rat)

**Information on Physical, Chemical and Toxicological Effects**

**Symptoms** Harmful if swallowed. Irritating to skin and eyes. Contact with eyes may cause stinging, tearing, redness, swelling and blurred vision. On skin may cause redness and pain.

**Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure**

**Skin Corrosion/Irritation** May cause skin irritation.

**Serious Eye Damage/Eye Irritation** Causes serious eye damage.

**Carcinogenicity**

No components are listed as carcinogens by IARC, NTP, ACGIH or OSHA.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Product is alkaline. While the alkalinity is readily reduced in natural waters, the resulting phosphate may persist indefinitely or incorporate into biological systems.

**Persistence and Degradability**

Not determined

**Bioaccumulation**

Not determined

**Mobility**

Not determined

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

**Disposal of Wastes**

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

**Contaminated Packaging**

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

**14. TRANSPORT INFORMATION**

**Note**

**Transportation Status: IMPORTANT! Statements below provide additional data on listed DOT classification.**

The listed Transportation Classification does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors. In the United States, it may be possible to reclassify this material as not regulated via surface transportation because its corrosivity is due solely to its effect on metals (either steel or aluminum). See 49 CFR 173.154(d).

**DOT**

**UN/ID No** UN1760  
**Proper Shipping Name** Corrosive liquids, n.o.s. (Sodium metasilicate)  
**Hazard Class** 8  
**Packing Group** III

**IATA**

**UN/ID No** UN1760  
**Proper Shipping Name** Corrosive liquids, n.o.s. (Sodium metasilicate)  
**Hazard Class** 8  
**Packing Group** III

**IMDG**

**UN/ID No** UN1760  
**Proper Shipping Name** Corrosive liquids, n.o.s. (Sodium metasilicate)  
**Hazard Class** 8  
**Packing Group** III

**15. REGULATORY INFORMATION**

**International Inventories**

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country (s). A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country (s).

<b>TSCA</b>	United States Toxic Substances Control Act Section 8(b) Inventory	Yes
<b>DSL</b>	Canadian Domestic Substances List	Yes
<b>NDSL</b>	Non-Domestic Substances List	No
<b>EINECS</b>	European Inventory of Existing Chemical Substances	Yes
<b>ELINCS</b>	European List of Notified Chemical Substances	No
<b>ENCS</b>	Japan Existing and New Chemical Substances	Yes
<b>IECSC</b>	China Inventory of Existing Chemical Substances	Yes
<b>KECL</b>	Korean Existing and Evaluated Chemical Substances Yes	Yes
<b>PICCS</b>	Philippines Inventory of Chemicals and Chemical Substances	Yes
<b>New Zealand</b>	New Zealand Inventory	Yes

**US Federal Regulations**

**SARA 313**

No components of this product contain chemical (s) that are subject to reporting levels established by SARA Title III, Section 313.

**US State Regulations**

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

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Diphosphoric acid, potassium salt 7320-34-5			X

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	1	0	0	Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
	1	0	0	B

**Disclaimer**

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 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**