



PURIFY

SAFETY DATA SHEET

PURIFY 1400

I. IDENTIFICATION

Product Name: Purify 1400	Distributor: Purify 1707 Townhurst Drive Houston, TX 77043
Product Code: 21008	Phone: 713-463-1929
Synonym: N/A	Website: www.purifywt.com
Recommendations / Restrictions on Use: Use only for the purpose on the product label.	Emergency Contact: 1-800-424-9300 (CHEMTREC)

II. HAZARDS IDENTIFICATION

Classifications: None
Label Elements: None

Precautionary Statements: Prevention
Avoid release to the environment.

Precautionary Statements: Storage
Store in a cool, dry, ventilated area.
Keep out of reach of children.

Precautionary Statements: Disposal
Dispose of contents/container to an approved waste disposal plant.

Hazards Not Otherwise Classified (HNOC)
Unknown Acute Toxicity: 0% of the mixture consists of ingredients of unknown toxicity.

EMERGENCY OVERVIEW

Appearance: Clear, Colorless
Physical State: Liquid
Odor: N/A

Precautionary Statements: Response (See Section IV)

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.

Skin: Wash with plenty of soap and water. Wash contaminated clothing before reuse.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Ingestion: Rinse mouth. DO NOT induce vomiting. Drink plenty of water.

III. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	%	The exact concentration is being withheld as a trade secret.
Tetrapotassium Pyrophosphate	7320-34-5	10-30	
Sodium Tripolyphosphate	7758-29-4	10-30	

IV. FIRST AID MEASURES

Skin:	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.	Most important symptoms: N/A
Eyes:	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If irritation persists, call a physician.	Immediate medical attention: Note to physicians: treat symptomatically.
Inhalation:	If mists/vapors are formed or irritation occurs, leave area and do not return until mists/vapors have dissipated. If irritation persists, see a physician.	
Ingestion:	Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Drink plenty of water. If irritation persists, see a physician.	

V. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Caution: Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising from the Chemical:

N/A

Special Protective Equipment and Firefighter Precautions:

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

Explosion Data (sensitivity to mechanical impact or static discharge):

None.

VI. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Ensure adequate ventilation, especially in confined areas.
Environmental Precautions:	See Section XII for additional ecological information.
Methods for Containment:	Prevent further leakage or spillage if safe to do so.
Methods for Cleanup:	Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

VII. HANDLING AND STORAGE

Precautions for Safe Handling:	Handle in accordance with good industrial hygiene and safety practice.
Conditions for Safe Storage:	Keep containers tightly closed in a dry, cool and well-ventilated place.
Incompatible Materials:	None known based on information supplied.

VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Engineering Controls:

Showers, Eyewash stations & Ventilation systems.

INDIVIDUAL PROTECTION MEASURES:

Respiratory:

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

Skin:

No special technical protective measures are necessary.

Eye:

No special technical protective measures are necessary.

General Hygiene:

Handle in accordance with good industrial hygiene and safety practice.

Chemical Name: Tetrasodium Pyrophosphate (7722-88-5)

ACGIH TLV: N/A

OSHA PEL: (vacated) TWA: 5 mg/m³

NIOSH IDLH: TWA: 5 mg/m³

NIOSH IDLH Immediately Dangerous to Life or Health

Other Information:

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

IX. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Vapor Pressure:	N/A
Appearance:	Clear, Colorless	Vapor Density:	N/A
Odor:	N/A	Water Solubility:	Complete
Odor Threshold:	N/A	Partition Coefficient: (n-octanol/water)	N/A
pH:	8.0 - 9.0	Autoignition Temperature:	N/A
Specific Gravity:	1.25	Decomposition Temperature:	N/A
Viscosity:	N/A	Density (lbs/gal):	N/A
Melting / Freezing Point:	N/A	VOC Content:	N/A
Boiling Point / Range:	N/A		
Flash Point:	N/A		
Evaporation Rate:	N/A		
Flammability (Solid, Gas):	N/A		
Upper Flammability Limit:	N/A		
Lower Flammability Limit:	N/A		

X. STABILITY AND REACTIVITY

Reactivity:	No data available.
Chemical Stability:	Stable under recommended storage conditions.
Hazardous Reactions:	None under normal processing.
Conditions to Avoid:	Extremes of temperature and direct sunlight.
Incompatible Materials:	None known based on information supplied.
Hazardous Decomposition Products:	None known based on information supplied.

XI. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:

Eyes, Skin, Ingestion, and Inhalation

Symptoms of Exposure:

Eye Contact: N/A

Ingestion: N/A

Skin Contact: N/A

Inhalation: N/A

Sensitization: N/A

Germ Cell Mutagenicity: N/A

Carcinogenicity: N/A

Reproductive Toxicity: N/A

STOT - Single Exposure: N/A

STOT - Repeated Exposure: N/A

Aspiration Hazard: N/A

Numerical Measures of Toxicity:

Unknown Acute Toxicity: 0% of the mixture consists of ingredient(s) of unknown toxicity.

These values were calculated based on Chapter 3.1 of the GHS document.

XII. ECOLOGICAL INFORMATION

Persistence and Degradability: N/A

Bioaccumulative Potential: N/A

Other Adverse Effects: N/A

Ecotoxicity: 0% of the mixture consists of components(s) of unknown hazards to the aquatic environment.

Chemical Name	Algae/Aquatic Plants	Fish	Crustacea
Tetrapotassium Pyrophosphate 7320-34-5	N/A	100: 96 h Oncorhynchus mykiss mg/L LC50	100: 48 h water flea mg/L EC50
Sodium Tripolyphosphate 7758-29-4	N/A	1650: 48 h Leuciscus idus mg/L LC50	N/A

XIII. DISPOSAL CONSIDERATIONS

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

Contaminated Packaging: Do not reuse container.

XIV. TRANSPORT INFORMATION

DOT: Not Regulated

The shipping classification information in this section (Section 14) is meant as a guide to the overall classification of the product. However, transportation classifications may be subject to change with changes in package size. Consult shipper requirements under 49 CFR, IATA and IMDG to assure regulatory compliance.

XV. REGULATORY INFORMATION

INTERNATIONAL INVENTORIES

TSCA:	Complies
DSL/NDL:	Complies
EINECS/ELINCS:	Complies
ENCS:	Does not comply
IECSC:	Complies
KECL:	Complies
PICCS:	Complies
AICS:	Complies

LEGEND

TSCA:	United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDL:	Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS:	European Inventory of Existing Chemical Substances/European 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

US 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 Hazard Category: None
(311/312)

CWA (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.

US STATE REGULATIONS

California Prop. 65: This product does not contain any Proposition 65 chemicals.

U.S. EPA Label Information: N/A

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

Sodium Tripolyphosphate: Massachusetts, Pennsylvania (7758-29-4)

Tetrasodium Pyrophosphate: New Jersey, Massachusetts, Pennsylvania (7722-88-5)

XVI. OTHER INFORMATION

Revision Notes: Rev. 08/24/2019

HMIS Rating:

Health (Blue):	0
Flammability (Red):	0
Physical Hazard (Yellow):	0
PPE (White):	X

Hazard Classification:

0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe



PURIFY

1707 Townhurst Drive
Houston, TX 77043
713-463-1929
www.purifywt.com

24 Hour Emergency Phone: 1-800-424-9300

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.