



PURIFY

SAFETY DATA SHEET

PURIFY LAS

I. IDENTIFICATION

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|---|--|
| Product Name: Purify LAS | Distributor: Purify 1707 Townhurst Drive Houston, TX 77043 |
| Product Code: 04308 | 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 well-ventilated place. Keep container tightly closed. 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: Colorless to Light Yellow
Physical State: Liquid
Odor: Slight Ammonia

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 | % | |
|------------------|------------|-------|--|
| Ammonium Sulfate | 7783-20-2 | 30-60 | The exact concentration is being withheld as a trade secret. |

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.

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.

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.

Most important symptoms:

N/A

Immediate medical attention:

Note to physicians: treat symptomatically.

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: Incompatible with strong acids and bases.

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:

Wear chemical resistant gloves.

Eye:

Wear safety glasses with side shields (or goggles).

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: | Colorless to Light Yellow | Vapor Density: | N/A |
| Odor: | Slight Ammonia | Water Solubility: | Complete |
| Odor Threshold: | N/A | Partition Coefficient: (n-octanol/water) | N/A |
| pH: | 5.0 - 7.0 | Autoignition Temperature: | N/A |
| Specific Gravity: | 1.227 | 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: | Incompatible with strong acids and bases. |
| Hazardous Decomposition Products: | Carbon monoxide. Carbon dioxide (CO ₂). |

XI. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:

Eyes, Skin, Ingestion, and Inhalation

Symptoms of Exposure:

| | | | | | |
|----------------------|-----|-------------------------|---------------------------------|----------------------------------|-----|
| Eye Contact: | N/A | Chemical Name: | Ammonium Sulfate (7783-20-2) | Sensitization: | N/A |
| Ingestion: | N/A | Oral LD50: | 2840 mg/kg (Rat) | Germ Cell Mutagenicity: | N/A |
| Skin Contact: | N/A | Dermal LD50: | N/A | Carcinogenicity: | N/A |
| Inhalation: | N/A | Inhalation LC50: | 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 | Ecotoxicity: | 0% of the mixture consists of components(s) of unknown hazards to the aquatic environment. | Chemical Name: | Ammonium Sulfate (7783-20-2) |
| Bioaccumulative Potential: | N/A | | | Partition Coefficient: | -5.1 |
| Other Adverse Effects: | N/A | | | | |

| Chemical Name | Algae/Aquatic Plants | Fish | Crustacea |
|-------------------------------|----------------------|---|---|
| Ammonium Sulfate 7783-20-2 | N/A | 480: 96 h Brachydanio rerio mg/L LC50 flow-through 420: 96 h Brachydanio rerio mg/L LC50 semi-static 460 - 1000: 96 h Leuciscus idus mg/L LC50 static 32.2 - 41.9: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 250: 96 h Brachydanio rerio mg/L LC50 100: 96 h Pimephales promelas mg/L LC50 126: 96 h Poecilia reticulata mg/L LC50 5.2 - 8.2: 96 h Oncorhynchus mykiss mg/L LC50 static 18: 96 h Cyprinus carpio mg/L LC50 123 - 128: 96 h Poecilia reticulata mg/L LC50 semi-static | 14: 48 h Daphnia magna mg/L LC50 423: 24 h Daphnia magna mg/L EC50 |

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/NDSL: | 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/NDSL: | 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 contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical Name: Ammonium Sulfate (7783-20-2) **SARA 313 - Threshold Values %:** 1.0

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:

Water (7732-18-5): Pennsylvania

Ammonium Sulfate: Pennsylvania, Massachusetts (7783-20-2)

XVI. OTHER INFORMATION

Revision Notes: Rev. 08/24/2019

HMIS Rating:

| | |
|---------------------------|---|
| Health (Blue): | 1 |
| 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.