

DT-600™

1	PRODUCT AND COMPANY IDENTIFICATION
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Product Identifier: DT-600™
SDS Number: J3187
Revision Date: 5/5/2020
Version: 2005
Internal ID: J3187
Product Use: Aqueous All-Purpose Cleaner for Industrial Use Only
Instructions: Dilute 5-10% in water. Apply with a clean rag or cloth and wipe dry. In floor scrubbers use at a similar concentration.

Vendor Details: RBP Chemical Technology, Inc.
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2	HAZARDS IDENTIFICATION
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Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):
 Health, Acute toxicity, 4 Oral
 Health, Serious Eye Damage/Eye Irritation, 2 A

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

H302 - Harmful if swallowed
 H319 - Causes serious eye irritation

GHS Precautionary Statements:

P264 - Wash skin thoroughly after handling.
 P270 - Do not eat, drink or smoke when using this product.
 P280 - Wear protective gloves, eye and face protection, and protective clothing.
 P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
 P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
 P337+313 - If eye irritation persists: Get medical advice/attention.
 P501 - Dispose of contents and container in accordance with local, national, and international regulations.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

No additional information identified.

Percentage of components with Unknown Acute Toxicity:

Oral: 100%
 Dermal: 100%
 Inhalation: 100%

3	COMPOSITION/INFORMATION OF INGREDIENTS
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Chemical Ingredients:	
CAS#	% Chemical Name:
7722-88-5	1-5% Tetrasodium pyrophosphate
*****	4-8% Proprietary

*Components not listed are either non-hazardous or are below reportable limits. *A specific chemical identity and/or percentage of composition has been withheld as a trade secret. Any concentration shown as a range is to protect confidentiality, or is due to batch variation.

4	FIRST AID MEASURES
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Inhalation: IF INHALED: Move to fresh air. Get medical attention if symptoms develop or persist.

Skin Contact: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower.

Eye Contact: IF IN EYES: Rinse immediately with water for several minutes. Remove contact lenses and continue rinsing.

Ingestion: IF SWALLOWED: Rinse mouth. Do not induce vomiting. Drink large quantities of water. Keep head below hips to prevent aspiration.

Most important symptoms/effects, acute and delayed: Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

Indication of immediate medical attention and special treatment needed: Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

General information: In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. For personal protection, see Section 8 of the SDS. Wash contaminated clothing before reuse.

5	FIRE FIGHTING MEASURES
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Personal Protective Equipment For Fire Fighters: Wear self-contained breathing apparatus and protective clothing.

Suitable Extinguishing Media: Water spray, dry chemical, carbon dioxide, or alcohol-resistant foam

Unsuitable Extinguishing Media: None known.

Specific Hazards Arising from the Substance or Mixture Hazards during fire-fighting: Do not allow run-off from fire fighting to enter drains or waterways.

6	ACCIDENTAL RELEASE MEASURES
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Personal Precautions, Protective Equipment, and Emergency Procedures:

Use Personal Protective Equipment to clean up spills. Do not touch or walk through spilled materials. As an immediate precautionary measure, isolate spill or leak area. This product contains components that are hazardous to aquatic life. Keep out of drains, sewers, ditches, and waterways.

Methods for Containment and Clean-Up

Small Spill: Absorb spill with vermiculite or other inert material (such as sand or other non-combustible material) and transfer to containers for later disposal.

Large Spill: Dike far ahead of liquid for later disposal. Use absorbent pads to contain. Collect up and place in a chemical waste container for disposal. Clean surface thoroughly to remove residual contamination.

Other Information: See Section 13 for waste disposal. US Regulations may require reporting spills of hazardous materials. See Section 15: Regulatory Information for details on reportable quantities, if any.

7	HANDLING AND STORAGE
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Handling Precautions: Do not eat, drink or smoke when using this product. Wash skin thoroughly after handling.

Storage Requirements: Store away from incompatibles (See Section 10).

8	EXPOSURE CONTROLS/PERSONAL PROTECTION
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Engineering Controls: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of mist below their respective threshold limit value.

Personal Protective Equipment:

Respiratory protection: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Hand protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye/Face protection: Tightly fitting safety goggles. Face-shield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and body protection: Wear appropriate chemical-resistant clothing.

Exposure Guidelines for Components:

Tetrasodium pyrophosphate (7722-88-5)

ACGIH TLV: TWA no data available
 ACGIH TLV: STEL no data available
 OSHA PEL: 5 mg/m³ TWA
 NIOSH: 5 mg/m³ TWA
 NIOSH: STEL no data available
 Other: Not applicable

Proprietary (****)

ACGIH TLV: TWA no data available
 ACGIH TLV: STEL no data available
 OSHA PEL: TWA no data available
 NIOSH: TWA no data available
 NIOSH: STEL no data available
 Other: Not applicable

9	PHYSICAL AND CHEMICAL PROPERTIES
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Appearance:	Clear	Odor:	None
Physical State:	Liquid	Solubility:	Complete
Odor Threshold:	No data available.	Freezing/Melting Pt.:	No data available.
Spec Grav./Density:	1.03	Flash Point:	>212 F (TCC)
Viscosity:	No data available.	Octanol:	No data available.
Boiling Point:	195 F	Vapor Density:	No data available.
Flammability:	Non-flammable	VOC:	0.0 lbs/gal, 0 g/l, 0%
Vapor Pressure:	0 mm Hg @68 F	Bulk Density:	8.6 lbs/gal
pH:	11	Auto-Ignition Temp:	No data available.
Evap. Rate:	No data available.	UFL/LFL:	No data available.
Decomp Temp:	No data available.		

10	STABILITY AND REACTIVITY
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Reactivity:	Material does not pose a significant reactivity hazard.
Chemical Stability:	Product is stable under normal temperature and pressure (25C; 1 atm).
Conditions to Avoid:	Heat, sparks, open flames Incompatible Materials.
Materials to Avoid:	(Incompatible Materials): Strong Oxidizing Agents, Strong Acids.
Hazardous Decomposition:	Carbon Monoxide/Dioxide
Hazardous Polymerization:	(Hazardous Reactions): Will not occur.

11	TOXICOLOGICAL INFORMATION
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Likely Routes of Exposure:

Ingestion, Inhalation, Eye Contact, Skin Contact.

Symptoms:

Inhalation: May cause respiratory irritation. Dust or mists may irritate nose, mouth, throat, respiratory tract. Prolonged inhalation may be harmful.

Eye Contact: May cause serious eye damage. Mists/Vapors may cause irritation experienced as stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Skin Contact: May cause skin burns. May cause burning pain, severe local redness and corrosive tissue damage.

Ingestion: May cause burns to the linings of the mouth, throat, and gastrointestinal tract. May cause nausea, vomiting, and diarrhea.

Acute Toxicity:

Oral: Tetrasodium pyrophosphate (7722-88-5): LD50 - rat - > 300 - < 2,000 mg/kg
 Proprietary (****): LD50 no data available

Dermal: Tetrasodium pyrophosphate (7722-88-5): LD50 - rabbit - 7,940 mg/kg
 Proprietary (****): LD50 no data available

Inhalation: Tetrasodium pyrophosphate (7722-88-5): LC50 no data available
 Proprietary (****): LD50 no data available

Skin Corrosion: no data available

Serious Eye Damage/ Eye Irritation: no data available

Sensitization: This product is not expected to cause skin sensitization.

Germ Cell Mutagenicity: no data available.

Carcinogenicity: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP, or OSHA.

Reproductive/ Developmental Toxicity: no data available.

Specific Target Organ Toxicity:

Single Exposure: no data available

Repeated Exposure: no data available

Aspiration Hazard: no data available

12	ECOLOGICAL INFORMATION
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Component data:

Tetrasodium pyrophosphate (7722-88-5)

Toxicity:

fish LC50 - other fish - 1,380 mg/l - 96 h.
 daphnia and other aquatic invertebrates EC50 - Daphnia magna (Water flea) - 391 mg/l - 48 h

Proprietary (****)

Toxicity: no data available

Product Data:

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: no data available

13	DISPOSAL CONSIDERATIONS
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Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

14	TRANSPORT INFORMATION
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Non-hazardous for air, sea and road freight.

15	REGULATORY INFORMATION
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[%] RQ (CAS#) Substance - Reg Codes

[1-5%] Tetrasodium pyrophosphate (7722-88-5) MASS, OSHAWAC, PA, TSCA, TSCAACTV, TXAIR

[4-8%] Proprietary (*****) TSCA, TSCAACTV

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Regulatory Code Legend

MASS = MA Massachusetts Hazardous Substances List
OSHAWAC = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
TSCA = Toxic Substances Control Act
TSCAACTV = TSCA Active Chemicals
TXAIR = TX Air Contaminants with Health Effects Screening Level

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OTHER INFORMATION

This document was composed and approved by qualified RBP Chemical Technology Inc. personnel. Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Individuals should make a determination as to the suitability of the information for their particular purpose(s). The above information is not claiming characteristics of the product in terms of legal claims of performance / guarantee. This information only describes safety measures and no liability may arise from the use or application of the product described herein. This information is given in good faith and based on our current knowledge of the product.

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