

Turbo SS

1	PRODUCT AND COMPANY IDENTIFICATION
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Vendor Details: Merrick Wheelhouse Industrial Solutions

1130 Springtown Rd. Ste A.

Alpha, NJ 08865

Phone: 800-567-1443

Emergency: Infotrac 800-535-5053

Supplier Details: Merrick Wheelhouse Industrial Solutions

1130 Springtown Rd. Ste A.

Alpha, NJ 08865

Phone: 800-547-1443

Emergency: Infotrac 800-535-5053

2	HAZARDS IDENTIFICATION
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Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Skin corrosion/irritation, 2
Health, Serious Eye Damage/Eye Irritation, 2 A

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

H315 - Causes skin irritation

H319 - Causes serious eye irritation

GHS Precautionary Statements:

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 - Wash ... thoroughly after handling.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P301+330+331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303+361+353 - IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a POISON CENTER/doctor/...

P363 - Wash contaminated clothing before reuse.

P390 - Absorb spillage to prevent material damage.

P405 - Store locked up.

P406 - Store in a corrosion resistant/...container with a resistant inner liner.

P501 - Dispose of contents/container to ...

3	COMPOSITION/INFORMATION ON INGREDIENTS
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	Chemical Ingredients:
CAS#	% Chemical Name:
7664-38-2	<5% Phosphoric acid

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentration applicable, are classified as hazardous to the health or the environment and hence require reporting in this section.

4	FIRST AID MEASURES
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Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention. Give oxygen or artificial respiration if needed. Call a physician if symptoms persist.

Skin Contact: Promptly flush skin with water until all chemical is removed. Remove contaminated clothing and wash before reuse. Consult a physician if irritation persists.

Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Get medical attention if irritation occurs and persists.

Ingestion: Do NOT induce vomiting. Drink large quantities of milk, if available. Call a POISON CENTER or doctor/physician if you feel unwell.

5	FIRE FIGHTING MEASURES
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Flash Point: N/A

Suitable extinguishing media Water spray Carbon dioxide (CO2)

Special protective equipment and precautions for firefighters Wear self contained breathing apparatus and other protective clothing.

General fire hazards This material is non-flammable. If exposed to fire from another source, use extinguishing media suitable for that source.

6	ACCIDENTAL RELEASE MEASURES
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This material is biodegradable. Wear personal protective equipment. Neutralize with copious amounts of water. Slowly add a soda ash mixture to residue. This mixture should be 10 pounds of soda ash to 5 gallons of water. This should bring the spill residue to within a normal pH range of 6-8.

7	HANDLING AND STORAGE
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Handling Precautions: Do not get in eyes, on skin, or on clothing. Use in well ventilated area.

Storage Requirements: For safe storage, store between -15° C and 82° C. Store in original tightly sealed container. Store in well ventilated area. Keep out of reach of children.

8	EXPOSURE CONTROLS/PERSONAL PROTECTION
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Personal Protective Equipment: Phosphoric acid (7664-38-2) []

Personal protective equipment
Eye/face protection: Tightly fitting safety goggles.
Skin protection: Handle with gloves. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Body Protection: Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi- purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Control of environmental exposure: Do not let product enter drains.

Phosphoric acid (7664-38-2) []

Components with workplace control parameters

TWA 1 mg/m3 USA. ACGIH Threshold Limit Values (TLV)

Eye, skin, & Upper Respiratory Tract irritation

STEL 3 ppm USA. ACGIH Threshold Limit Values (TLV)

Eye, skin, & Upper Respiratory Tract irritation

TWA	1 mg/m3	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
TWA	1 mg/m3	USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
STEL	3 mg/m3	USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
TWA	1 mg/m3	USA. NIOSH Recommended Exposure Limits
ST	3 mg/m3	USA. NIOSH Recommended Exposure Limits

9	PHYSICAL AND CHEMICAL PROPERTIES
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Spec Grav./Density:	1.04	Solubility:	Complete
Boiling Point:	100°C	Freezing/Melting Pt.:	Not Determined
Vapor Pressure:	1.27		
pH:	<2		
Evap. Rate:	2.0		

10	STABILITY AND REACTIVITY
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Chemical Stability:	Stable under recommended storage conditions.
Materials to Avoid:	Do not mix with alkaline products.
Hazardous Decomposition:	Not known.
Hazardous Polymerization:	None

Phosphoric acid (7664-38-2) []

Information on toxicological effects

Acute toxicity: no data available

Inhalation: no data available

Dermal: no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: 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: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: Not available

burning sensation, Cough, wheezing, laryngitis, Shortness of breath, spasm, inflammation and edema of the larynx, spasm, inflammation and edema of the bronchi, pneumonitis, pulmonary edema, Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin.

Stomach - Irregularities - Based on Human Evidence

Stomach - Irregularities - Based on Human Evidence (Phosphoric acid)

Phosphoric acid (7664-38-2) []

Information on ecological effects

Toxicity: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

13**DISPOSAL CONSIDERATIONS****14****TRANSPORT INFORMATION**

Transportation information provided is for reference only. Customer is urged to consult 49 CFR 100 - 177, IMDG, IATA, EC, United Nations TDG and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping. This product ships non-hazardous.

15**REGULATORY INFORMATION**

Component (CAS#) [%] - CODES

RQ(5000LBS), Phosphoric acid (7664-38-2) [n/a%] CERCLA, CSWHS, EPCRAWPC, MASS, NJHS, OSHAWAC, SARA313, TSCA, TXAIR

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

Regulatory CODE Descriptions

RQ = Reportable Quantity
 CERCLA = Superfund clean up substance
 CSWHS = Clean water Act Hazardous substances
 EPCRAWPC = EPCRA water Priority Chemicals
 MASS = MA Massachusetts Hazardous Substances List
 NJHS = NJ Right-to-Know Hazardous Substances
 OSHAWAC = OSHA workplace Air Contaminants
 SARA313 = SARA 313 Title III Toxic Chemicals
 TSCA = Toxic Substances Control Act
 TXAIR = TX Air Contaminants with Health Effects Screening Level

16**OTHER INFORMATION**

The manufacturer makes no warranties, express or implied, as to the accuracy or adequacy of the information contained herein. The manufacturer shall not be liable to the vendee, the vendee's employees or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, adequacy or furnishing of such information. It is for the purchaser to decide whether said information is suitable for the purchaser's purposes. No warranty of merchantability, fitness for any particular purpose is expressed or implied regarding the accuracy or completeness of this information. The results to be obtained from the use of this information or the product, the safety of this product, or the hazards related to its use. This information and product are furnished on the condition that the person receiving them shall make his own determination as to the suitability of the product for his particular purpose and on the condition that he assumes the risk of his use thereof.

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