



GSMoT Acidic Tank Cleaner

1. IDENTIFICATION

Product Name: Acidic Tank Cleaner
 Product Code: 42070
 SDS#: MS-42070
 Recommended use: Cleaning Compound

Supplier:
 Global Scuba Manufacturing of Texas LLC
 4674 Prime Lane, Suite 402
 Pflugerville, TX 78660
 Phone: (512) 240-6644
 SDS Internet website: <http://www.global-mfg.com>

Emergency telephone number: (512) 240-6644

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance: liquid

Color: white

Odor: pleasant

Hazard Summary: Causes severe burns. Harmful if swallowed.

GHS Classification

Skin corrosion: Category 1A

Serious eye damage: Category 1

GHS Label element

Hazard pictograms



Signal Word: Danger

Hazard Statements: Causes severe skin burns and eye damage.

Precautionary statements: **Prevention:** Wash skin thoroughly after handling.
 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. Wash contaminated clothing before reuse.

Storage: Store locked up.

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

Potential Health Effects

Inhalation:	No
Skin:	Yes
Ingestion:	Yes
Aggravated Medical Condition:	None know

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.

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.

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.

3. COMPOSITION / INFORMATION ON INGREDIENTS
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Substance / Mixture**Hazardous Components**

Component	CAS #	Weight %
Phosphoric Acid	7664-38-2	50-70

Unidentified ingredients are considered not hazardous under Federal Hazard Communication Standard (29CFR 1910.1200).

Specific chemical identity of composition has been withheld as a trade secret

*Exact percentages are being withheld as trade secret information

4. FIRST AID MEASURES

If inhaled:	Remove to fresh air. If symptoms persist, call a physician. If breathing is irregular or stopped, administer artificial respiration.
In case of skin contact:	Wash off immediately with plenty of water for at least 15 minutes. Take off contaminated clothing and shoes immediately. Get medical attention immediately if irritation develops and persists
In case of eye contact:	Rinse immediately with plenty of water for at least 15 minutes. Keep eye wide open while rinsing. Get medical attention immediately
If swallowed	Rinse mouth. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Get medical attention immediately

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Dry Chemical Carbon dioxide (CO ₂) Foam Water spray
Further Information:	Use water spray to cool unopened containers
Special protective equipment for firefighters:	In the event of fire, wear self-contained breathing apparatus for firefighters.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and Emergency procedures:	Ensure adequate ventilation
Methods and materials for containment and cleaning up:	Ventilate area. Wear Personal Protective Equipment Neutralize with lime milk or soda and flush Plenty of water. Clean up with inert absorbent material Keep in suitable closed containers for Disposal. Flush with plenty of water.
Additional advice:	Never return spills in original containers for re-use.

7. HANDLING AND STORAGE

Advice on safe handling:	Add this product to surface of solution slowly to avoid spattering. Unscrew closure slowly. Allow all pressure to escape through threads before removing closure. Do not add large amounts of product to solution at any one time. Use only with adequate ventilation.
Conditions for safe storage:	Keep containers dry and tightly closed to avoid moisture absorption and contamination. Store indoors in a cool, well-ventilated place

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	CAS #	Value type (Form of exposure)	ACGIH Control parameters / Permissible concentration	Basis
Phosphoric acid	7664-38-2	TWA	1.000000 mg/m3	ACGIH
		STEL	3.000000 mg/m3	ACGIH
		TWA	1.000000 mg/m3	NIOSH REL
		ST	3.000000 mg/m3	NIOSH REL
		TWA	1.000000 mg/m3	OSHA Z-1
		TWA	1.000000 mg/m3	OSHA P0
		STEL	3.000000 mg/m3	OSHA P0

Personal Protective Equipment**Eye protection:**

Chemical resistant goggles must be worn. Face-shield

Hand protection:

Impervious gloves

Skin and body protection:

Rubber or plastic apron

Respiratory protection:

If the occupational exposure limits cannot be met, suitable respirator equipment shall be worn.

Hygiene measures:

Avoid contact with skin, eyes and clothing

Wear suitable gloves and eye/face protection.

Wear suitable protective clothing.

Wash hands before breaks and immediately after handling the product.

Provide adequate ventilation.

Do not inhale fumes.

Keep away from food and drink.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	liquid
Color:	white
Odor:	pleasant
pH:	<2.5
Freezing point:	-23°C
Boiling point / boiling range:	no data available
Flash Point:	does not flash
Evaporation rate:	1, water = 1
Upper explosion limit:	not applicable
Lower explosion limit:	not applicable
Vapor pressure:	no data available
Relative density:	1.36
Bulk density:	11.34 l/gal
Water solubility:	completely soluble
Auto-ignition temperature:	no data available
Thermal decomposition:	no data available
Viscosity, dynamic:	no data available

10. STABILITY AND REACTIVITY

Hazardous decomposition products:	Oxides of phosphorus
Incompatible materials:	Bases Warning! Do not use together with other products. May release dangerous gases (chlorine).
Conditions to avoid:	Direct sources of heat.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

Product:

Acute oral toxicity:	Acute toxicity estimate: > 5,000.000000 mg/kg Method: Calculation method
Acute dermal toxicity:	Acute toxicity estimate: > 5,000.000000 mg/kg Method: Calculation method

Components:

Phosphoric acid:

Acute oral toxicity: LD50 rat: 3,500.000000 mg/kg
Acute dermal toxicity: LD50 rabbit: 2,740.000000 mg/kg

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Skin corrosion/irritation**Components:**

Phosphoric acid: Result: Corrosive
Phosphoric acid: Result: Corrosive

Serious eye damage/eye irritation**Components:**

Phosphoric acid: Result: Risk of serious damage to eyes.
Phosphoric acid: Result: Risk of serious damage to eyes.

Respiratory or skin sensitisation

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

no data available

Reproductive toxicity

no data available

STOT - single exposure

no data available

STOT - repeated exposure

no data available

Aspiration toxicity

no data available

12 ECOLOGICAL INFORMATION

Ecotoxicity: No information available.

13 DISPOSAL CONSIDERATIONS**Disposal methods:**

Waste from residues: Refer to all federal, provincial, state and local regulation prior to disposition of container and unused contents by reuse, recycle or disposal.

14. TRANSPORT INFORMATION

International Regulation:

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations

15. REGULATORY INFORMATION

TSCA Status: All components of this material comply with US TSCA requirements

OSHA Hazards: Corrosive to skin

WHMIS Classification: E: Corrosive Material
D2B: Toxic Material Causing Other Toxic Effects

EPCRA - Emergency Planning and Community Right-to-Know Act**CERCLA Reportable Quantity**

Components	CAS #	Component RQ (lbs)	Calculated product RQ (lbs)
Phosphoric acid	7664-38-2	5,000	9,615

SARA 311/312 Hazards: Acute Health Hazard

SARA 302: SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313: SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US State Regulations

Massachusetts Right To Know

Phosphoric acid: 7664-38-2

Pennsylvania Right To Know

Phosphoric acid: 7664-38-2

Water: 7732-18-5

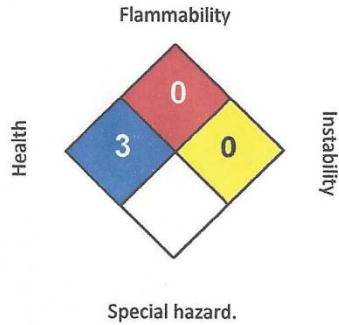
New Jersey Right To Know

Phosphoric acid: 7664-38-2

Water: 7732-18-5

Trade Secret Registry: 735517-5111P

NFPA:



Corrosive Acid

HMIS III:

HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Splash Goggles, Gloves, Apron, Dust and Vapour Respirator

16. OTHER INFORMATION

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