

# SAFETY DATA SHEET

ProSolutions Tank Cleaner

SDS DATE: 08/10/2014

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** ProSolutionsTank Cleaner

**DISTRIBUTOR:** ProSolutions LLC  
**ADDRESS:** 5018 Hwy 41 N, Springfield, TN 37172

**EMERGENCY CHEMTREC PHONE:** US: 1-800-424-9300 International: 1-202-483-7616

**CHEMICAL NAME:** Proprietary mixture  
**CHEMICAL FAMILY:** Blend  
**CHEMICAL FORMULA:** Mixture

**PRODUCT USE:** Tank Cleaner

**SECTION 1 NOTES:** None

## SECTION 2: HAZARDOUS INGREDIENTS

### GHS Ratings:

**Toxicity Categories**  
Skin corrosion/irritation Category 1A  
Eye damage/irritation Category 1



**Signal Word: DANGER**

### GHS HAZARDS

H303 May be harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H333 May be harmful if inhaled.

### GHS PRECAUTIONS

P102 Keep out of reach of children.  
P103 Read label before use.  
P233 Keep container tightly closed.  
P234 Keep only in original container.  
P260 Do not breathe dust/fume/gas/mist/vapors/spray.  
P264 Wash hands thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P310 Immediately call a POSITION CENTER or doctor/physician  
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 then continue rinsing cautiously.  
P405 Store locked up  
P501 Dispose of contents in container to an approved waste disposal facility in accordance with all local /regional/national/international regulations.

## SECTION 3: HAZARDS IDENTIFICATION

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>% WT</u>
Ammonium hydroxide	1336-21-6	1 – 5%
Proprietary	Proprietary	1 – 5%

**NOTE:** Product does NOT contain any pesticides or pest control agents

**SECTION 3 NOTES:** These specific chemical identity and /or exact percentage (concentration) of composition has been withheld as a trade secret.

### CARCINOGENICITY

**OSHA:** No      **ACGIH:** No      **NTP:** No      **IARC:** No      **OTHER:** No

# SAFETY DATA SHEET

ProSolutions Tank Cleaner

SDS DATE: 08/10/2014

## SECTION 4: FIRST AID MEASURES

**EYE CONTACT - IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing. Have the product container with you when calling a poison control center or doctor, or going for treatment. If eye irritation persists: Get medical advice or attention.

**SKIN CONTACT - IF ON SKIN (hair) OR CLOTHING:** Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. Take off contaminated clothing and wash it before reuse. Call a poison center, doctor, chemical manufacturer, importer, or distributor to specify the appropriate source of emergency medical advice.

**INGESTION - IF SWALLOWED:** Immediately call a POISON CENTER or doctor/physician. Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person. Do NOT induce vomiting.

**INHALATION - IF INHALED:** If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

### NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

SECTION 4 NOTES: None

## SECTION 5: FIRE FIGHTING MEASURES

### NFPA HAZARD CLASSIFICATION

HEALTH: 2      FLAMMABILITY: 1      REACTIVITY: 0      OTHER: -

**IN CASE OF FIRE:** Water spray, dry chemical, carbon dioxide, and foam. Use water spray to keep fire-exposed containers cool.

**SPECIAL FIRE FIGHTING PROCEDURES:** Do not enter enclosed or confined workspaces without proper protective equipment. Fire fighting personnel should wear respiratory protection (positive pressure if available).

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None known.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Incomplete combustion may produce carbon monoxide and other asphyxiates.

SECTION 5 NOTES: None

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**ACCIDENTAL RELEASE MEASURES:** Surround and absorb all spills. Material should be collected and disposed in proper manner. Dike the area to prevent spill from spreading. Soak up spill with a suitable absorbent such as clay, sawdust or kitty litter. Sweep up absorbed material and place in a chemical waste container for disposal. Wear suitable protective equipment.

SECTION 6 NOTES: None

## SECTION 7: HANDLING AND STORAGE

**HANDLING** Keep out of reach of children. Read label before use. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Do not breathe dust/fume/gas/mist/vapors/spray. Wear protective gloves/protective clothing/eye protection/face protection

**STORAGE:** Store locked up. Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

SECTION 7 NOTES: None

# SAFETY DATA SHEET

ProSolutions Tank Cleaner

SDS DATE: 08/10/2014

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

	OSHA		ACGIH		NIOSH	
	PEL	STEL	PEL	STEL	PEL	STEL
Phosphoric acid 7664-38-2	1 mg/m <sup>3</sup> TWA 3mg/m <sup>3</sup> STEL					

- VENTILATION:** Normal room ventilation (mechanical) or outdoor use should be satisfactory. Use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits.
- RESPIRATORY PROTECTION:** Not necessary unless ventilation is inadequate. Then use OSHA or NIOSH approved respirator, as appropriate.
- EYE PROTECTION:** Chemical goggles and face shield.
- SKIN PROTECTION:** Neoprene rubber or other chemical resistant material such as nitrile or viton may be used. Wear gloves, boots, long-sleeved shirts and pants.
- OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Eye wash and safety shower should be easily accessible.
- WORK HYGIENIC PRACTICES:** Wash thoroughly with soap and water after handling product and before eating, drinking, or using tobacco products. Clean affected clothing, shoes, and protective equipment before reuse.
- EXPOSURE GUIDELINES:** If exposed, see section 4 for acute exposure first aid.
- SECTION 8 NOTES:** None

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- |                                   |                     |  |                  |
|-----------------------------------|---------------------|--|------------------|
| <b>APPEARANCE:</b>                | Blue clear          | <b>FLAMMABLE LIMITS IN AIR, UPPER:</b>           | Unknown          |
| <b>ODOR:</b>                      | Strong Ammonia Odor | <b>(% BY VOLUME) LOWER:</b>                      | Unknown          |
| <b>ORDER THRESHOLD:</b>           | Not known           | <b>VAPOR PRESSURE (mmHg):</b>                    | @                |
| <b>PHYSICAL STATE:</b>            | Liquid              |  | F: Unknown       |
| <b>pH AS SUPPLIED:</b>            | Not applicable      | <b>VAPOR DENSITY (AIR = 1):</b>                  | @                |
| <b>pH (Other):</b>                |                     |  | F: Unknown       |
| <b>INITIAL BOILING POINT:</b>     | F: Unknown          | <b>RELATIVE DENSITY:</b>                         | 1.005 to 1.035   |
|                                   | C: Unknown          |  |                  |
| <b>BOILING POINT RANGE:</b>       | F: Unknown          | <b>EVAPORATION RATE:</b>                         | Unknown          |
|                                   | C: Unknown          | <b>BASIS (butyl acetate=1):</b>                  |                  |
| <b>MELTING POINT:</b>             | F: Unknown          | <b>SOLUBILITY IN WATER:</b>                      | Soluble          |
|                                   | C: Unknown          | <b>PARTITION COEFFICIENT: (n-octanol/water):</b> | Unknown          |
| <b>FREEZING POINT:</b>            | F: Unknown          | <b>AUTO-IGNITION TEMPERATURE:</b>                | Unknown          |
|                                   | C: Unknown          | <b>DECOMPOSITION TEMPERATURE:</b>                | Unknown          |
| <b>FLASH POINT:</b>               | F: >200             | <b>VISCOSITY:</b>                                | @ Not determined |
|                                   | C: >93              |  | F: Unknown       |
| <b>METHOD USED:</b>               | PMCC                |  | C: Unknown       |
| <b>FLAMMABILITY (solid, gas):</b> |                     |  |                  |

**SECTION 9 NOTES: Values are not product specifications.**

Note: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

# SAFETY DATA SHEET

SDS DATE: 08/10/2014

ProSolutions Tank Cleaner

## SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable  Unstable

CONDITIONS TO AVOID (STABILITY): Stable under normal conditions.

INCOMPATIBILITY (MATERIAL TO AVOID): Avoid contact with strong oxidizing agents – reactions can occur.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Incomplete combustion may produce carbon monoxide and other asphyxiates.

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID (POLYMERIZATION): None known

SECTION 10 NOTES: None

## SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Not available

MIXTURE TOXICITY: Not available

COMPONENT TOXICITY: Not available

SECTION 11 NOTES: None

## SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Not available

ECOTOXICITY: Not available

BIOACCUMULATIVE POTENTIAL: Not available

MOBILITY IN SOIL: Not available

OTHER ADVERSE EFFECTS: Not available

SECTION 12 NOTES: None

## SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all federal, state and local regulations.

CONTAINER DISPOSAL: Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations.

RCRA HAZARD CLASS: None

SECTION 13 NOTES: None

## SECTION 14: TRANSPORT INFORMATION

### U.S. DEPARTMENT OF TRANSPORTATION

DOT Shipping Description: PROPER SHIPPING NAME: Liquid Cleaning Compound, Ammoniated 50060  
HAZARD CLASS: 55  
ID NUMBER: NA  
PACKING GROUP: NA  
LABEL STATEMENT: NA

U.S. Surface Freight Classification: ADHESIVES, ADJUVANTS, SPREADERS OR STICKERS (NMFC 4610; CLASS: 60)  
Consult appropriate ICAO/IATA and IMDG regulations for shipment requirements in the Air and Maritime shipping modes.

OTHER AGENCIES: None

SECTION 14 NOTES: None

# SAFETY DATA SHEET

ProSolutions Tank Cleaner

SDS DATE: 08/10/2014

## SECTION 15: REGULATORY INFORMATION

### U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Mixture not listed

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Not Regulated

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): Not Regulated

**311/312 HAZARD CATEGORIES:** This product has been reviewed according to the EPA "Hazard Categories" promulgated under Section 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:  
Immediate Health Hazard

313 REPORTABLE INGREDIENTS:	CAS Number	Chemical Name	Concentration
		Aqueous Ammonia	<20*

INTERNATIONAL REGULATIONS: None

SECTION 15 NOTES: See SARA 313 regulations for reporting of aqueous ammonia

## SECTION 16: OTHER INFORMATION

OTHER INFORMATION: None

### DISCLAIMER:

The recommendation for safe handling and protection procedures is believed to be generally suitable for the standard uses of this compound. However, each user should identify his intended uses of this material and determine whether they are appropriate. All data included in this document is released as typical values and should not be utilized to determine the suitability of this material for a particular use or purpose. No warranty, either expressed or implied, is hereby made, nor do we give permission, inducement, or recommendations to practice any patented invention without a license. All data is offered for consideration, investigation and verification purposes only.