

SAFETY DATA SHEET

SDS DATE: 07/28/2020

TANK CLEANER

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: TANK CLEANER
DISTRIBUTOR: CHS
5500 Cenex Drive, Inver Grove Heights, MN 55077
651-355-6000
EMERGENCY CHEMTREC PHONE: US & CANADA: 1-800-424-9300

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

PRODUCT USE: Tank Cleaner

SECTION 1 NOTES: None

SECTION 2: HAZARDS IDENTIFIED

GHS Ratings:

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



Signal Word: DANGER

GHS HAZARDS

H314 Causes severe skin burns and eye damage.
P318 Causes serious eye damage.

DO NOT FREEZE

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 vapors or 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 and face protection.
P310 Immediately call a POSITION CENTER, doctor or physician.
P301+330+331 IF SWALLOWED: Rinse mouth. DO NOT INDUCE VOMITING.
P303+361+353 IF ON SKIN (or hair): Remove or take off immediately all contaminated clothing. Rinse skin with water or 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 and international regulations.

SECTION 3: INFORMATION ON INGREDIENTS

INGREDIENT	CAS NO.	% WT
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 identities and or exact percentage (concentration) of composition have been withheld as a trade secret.

CARCINOGENICITY

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

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SECTION 4: FIRST AID MEASURES

Have the product container with you when calling a poison control center or doctor, or going for treatment.

IF IN EYES: IMMEDIATELY CALL A POISON CENTER, DOCTOR OR PHYSICIAN. Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing.

IF ON SKIN (hair) OR CLOTHING: Remove or take off immediately all contaminated clothing. Rinse skin with water or shower. Take off contaminated clothing and wash it before reuse. Call a poison center or physician to specify the appropriate source of emergency medical advice.

IF SWALLOWED: IMMEDIATELY CALL A POISON CENTER, DOCTOR OR 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.**

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.

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 or spray. Wear protective gloves, protective clothing, eye protection and face protection.

STORAGE: **DO NOT FREEZE.** 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. STORE BETWEEN 40° AND 90° F.

SECTION 7 NOTES: None

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

	OSHA		ACGIH		NIOSH	
	PEL	STEL	PEL	STEL	PEL	STEL

HMIS=D

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 may be used. Wear gloves, apron, 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

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

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.

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SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable Unstable

CONDITIONS TO AVOID (STABILITY): DO NOT FREEZE. 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

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SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

NMFC: PROPER SHIPPING NAME: Liquid Cleaning Compound, Ammoniated 50060

DOT Shipping Description: Corrosive Liquids, N.O.S (contains Ammonium hydroxide)
HAZARD CLASS: 8
ID NUMBER: UN1760
PACKING GROUP: III
LABEL STATEMENT: NA
Exceptions: 49CFR 173.154 (b) (2) inner packaging not over 5 L (1.3 gallons)



Corrosive Liquids

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

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): All components of this product are listed or excluded from listing on the US Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):

Chemical Name	CAS Number	Range in %	RQ
Residual ethylene oxide (typical)	75-21-8	<0.001	10

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

Section 302/304 Extremely Hazardous Substances

Chemical Name	CAS Number	Range in %	TPQ	RQ
Residual ethylene oxide (typical)	75-21-8	<0.001	Below reportable concentrations	

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*

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.