

SAFETY DATA SHEET

SDS DATE: 07/12/2021

TAPRAN

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: TAPRAN

DISTRIBUTOR: CHS Inc.
ADDRESS: 5500 Cenex Drive • Inver Grove Heights, MN 55077
PHONE: 651-355-6000

EMERGENCY CHEMTREC PHONE: US & Canada: 1-800-424-9300

CHEMICAL NAME: Proprietary
CHEMICAL FAMILY:
CHEMICAL FORMULA: Mixture

PRODUCT USE: High surfactant crop oil blend

SECTION 1 NOTES: None

SECTION 2: HAZARDS

GHS Ratings:

Toxicity Categories

Skin corrosion/ irritation Category 1B
Eye damage/ irritation Category 1



Signal Word: DANGER

GHS HAZARDS

H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.

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.
P301+310 IF SWALLOWED: Immediately call a POISON CENTER, doctor or physician.
P330 Rinse mouth.
P331 Do not induce vomiting.
P303+361+353 IF ON SKIN (hair): 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: IMMEDIATELY CALL A DOCTOR OR POISON CONTROL CENTER for specific treatment. Rinse cautiously with water for several minutes.
Remove contact lenses if present and easy to do then continue rinsing cautiously.
P363 Wash contaminated clothing before reuse.
P362 Take off contaminated clothing and wash it before reuse.
P370+P378 In case of fire: Use foam, dry chemical, CO2 or water.
P390 Absorb spillage to prevent material damage.
P403+235 Store in a well-ventilated place. Keep Cool.
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.

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SECTION 3: HAZARDS IDENTIFICATION

INGREDIENT

Proprietary trade secret

CAS NO.

% WT

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

SECTION 4: FIRST AID MEASURES

Call a poison control center or doctor immediately for treatment advice. 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 OR PHYSICIAN. Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing for several minutes. Seek immediate medical attention.

IF ON SKIN OR CLOTHING (hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water for several minutes. If skin irritation persists: seek medical attention.

IF SWALLOWED: 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. Immediately call a poison center or physician.

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.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

SECTION 4 NOTES: None

SECTION 5: FIRE FIGHTING MEASURES

NFPA HAZARD CLASSIFICATION

HEALTH: 3 **FLAMMABILITY:** 1 **REACTIVITY:** 0 **OTHER:** -

IN CASE OF FIRE: Foam, Dry Chemical, CO2 or Water.

SPECIAL FIRE FIGHTING PROCEDURES: Use alcohol-type or universal-type foams on larger fires. Smaller fires should be extinguished with carbon dioxide or dry chemical. Do not use water or foam directly on the fire. Use self-contained breathing apparatus with fighting any fire in an enclosed area.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Phosphorus compounds. The groups of substances mentioned can be released in case of fire.

HAZARDOUS DECOMPOSITION PRODUCTS: Phosphorus compounds, oxides of carbon during fire conditions.

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

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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. Take off contaminated clothing and wash it before reuse. Wear protective gloves, protective clothing, eye protection and face protection.

STORAGE: Store locked up. Store in a well-ventilated place. Keep Cool. 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

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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

VENTILATION: Normal room ventilation (mechanical) or outdoor use should be satisfactory. **HMIS=D**

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: Chemical gloves, long-sleeved shirts and pants. Apron

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eye wash and safety shower should be easily accessible. Dust mask available.

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:	clear, dark tint	(% BY VOLUME)	LOWER: Unknown
ODOR:	Mild	VAPOR PRESSURE (mmHg):	@
ORDER THRESHOLD:	Not known		F: Unknown
PHYSICAL STATE:	Liquid		C: Unknown
pH AS SUPPLIED:	Not applicable	VAPOR DENSITY (AIR = 1):	@
pH (Other):			F: Unknown
INITIAL BOILING POINT:	F: Unknown	SPECIFIC GRAVITY:	0.943
	C: Unknown		
BOILING POINT RANGE:	F: Unknown	EVAPORATION RATE:	Unknown
	C: Unknown	BASIS (butyl acetate=1):	
MELTING POINT:	F: Unknown	SOLUBILITY IN WATER:	Soluble
	C: Unknown	PARTITION COEFFICIENT: (n-octanol/water):	Unknown
FREEZING POINT:	F: Unknown	AUTO-IGNITION TEMPERATURE:	Unknown
	C: Unknown	DECOMPOSITION TEMPERATURE:	Unknown
FLASH POINT:	F:	VISCOSITY:	20.99 cP @ 40°C
METHOD USED:	C: PMCC		F: Unknown
FLAMMABILITY (solid, gas):	Can burn		C: Unknown

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): Excessive heat and open flame.

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizers, strong alkali.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Under fire conditions, carbon and phosphorous oxides.

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID (POLYMERIZATION): None known

SECTION 10 NOTES: None

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

MIXTURE TOXICITY

COMPONENT TOXICITY Not available

SECTION 11 NOTES: None

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:

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 local, regional, national and international 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: Corrosive Liquid, (Phosphoric Acid) N.O.S.,

HAZARD CLASS 8,

PACKING GROUP PG II

ID NUMBER UN 3264

Exempt from labeling requirements under 49 CFR 173.154 (b) (2) for quantities up to 5 liters per container.

DOT Shipping Description:

PROPER SHIPPING NAME: Corrosive Liquid, (Phosphoric Acid) N.O.S.,

HAZARD CLASS 8,

PACKING GROUP PG II

ID NUMBER UN 3264

Exempt from labeling requirements under 49 CFR 173.154 (b) (2) for quantities up to 5 liters per container.

OTHER AGENCIES:

Sea transport

Proper shipping name: Corrosive Liquid, (Phosphoric Acid) N.O.S.,

HAZARD CLASS 8,

PACKING GROUP PG II

ID NUMBER UN 3264

Exempt from labeling requirements under 49 CFR 173.154 (b) (2) for quantities up to 5 liters per container.

Air transport

Proper shipping name: Corrosive Liquid, (Phosphoric Acid) N.O.S.,

HAZARD CLASS 8,

PACKING GROUP PG II

ID NUMBER UN 3264

Exempt from labeling requirements under 49 CFR 173.154 (b) (2) for quantities up to 5 liters per container.

Note: Exempt from labeling requirements for passenger aircraft for container size up to 1 liter max per package PI Y841

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.

SECTION 14 NOTES: None

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Mixture not listed or excluded from listing.

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

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

311/312 HAZARD CATEGORIES: None

313 REPORTABLE INGREDIENTS: Phosphoric acid below reportable quantities

STATE REGULATIONS:

WARNING! This product contains a detectable amount of ethylene oxide, which is known to the State of California to cause cancer and/or reproductive toxicity.

Ethoxylated products may contain residual amounts of ethylene oxide (EO) which can accumulate in the container headspace and be released into the ambient environment. This process is enhanced when the product is agitated, as during tank car loading and unloading, and blending operations. Ethylene oxide causes tumors in laboratory animals. The Occupational Safety and Health Administration (OSHA) Permissible Exposure Level (PEL) for EO is 1 ppm for an eight-hour time weighted average exposure. The standard regulates occupational exposure to EO from all sources, including products containing residual EO. It is the responsibility of the employer to comply with OSHA ethylene oxide standard (29) CFR 1910.1047).

INTERNATIONAL REGULATIONS: None

SECTION 15 NOTES: None

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.