

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Citrus Oxygenated All-Purpose CI
PRODUCT USE: Cleaner
MANUFACTURED FOR: Warsaw Chemical Holdings LLC.
P.O. Box 858
Warsaw, IN 46581
INFORMATION PHONE: Tel: 1-800-548-3396
Fax: 1-574-267-3884
EMERGENCY PHONE: INFOTRAC
1-800-535-5053 USA & Canada
352-323-3500 International

SECTION 2 - HAZARD(S) IDENTIFICATION

CLASSIFICATION: Acute Toxicity - Oral: Category 4
Skin Corrosion: Category 2
Eye Damage: Category 2B

PICTOGRAMS:



GHS ELEMENTS:

SIGNAL WORD: Warning

HAZARD STATEMENT(S): H302 | Harmful if swallowed.
H315 | Causes skin irritation.
H320 | Causes eye irritation.

PRECAUTIONARY STATEMENT(S): P264 | Wash any exposed body parts thoroughly after handling.
P270 | Do not eat, drink or smoke when using this product.
P280 | Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P312 | IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302 + P352 | IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 | Specific treatment (see supplemental first aid instruction on this label if immediate administration of antidote/specific measures/cleansing agent/immediate measures is/are appropriate/required).
P330 | Rinse mouth.
P333 + P313 | If skin irritation or rash occurs: Get medical advice/attention.
P337 + P313 | If eye irritation persists: Get medical advice/attention.
P362 | Take off contaminated clothing and wash before reuse.
P501 | Dispose of contents/container to appropriate waste disposal entity in accordance with local/regional/national/international regulation.

ADDITIONAL PRECAUTIONS: None Known

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS #	FUNCTIONAL PURPOSE	PERCENT
Hydrogen Peroxide 33%	7722-84-1	Oxidizer	10 - 20%
Nonylphenol ethoxylate	127087-87-0	Surfactant	5 - 10%
D-Limonene	94266-47-4	Solvent	1 - 5%
Sodium Hexametaphosphate	68915-31-1	Chelant	1 - 5%

The chemical identity of some or all components is confidential business information (trade secret) and is being withheld as permitted by 29CFR19191200 (i). No other ingredients known to be hazardous.

SECTION 4 - FIRST AID MEASURES

EYES:	Check for and remove contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
SKIN:	Wash skin surfaces thoroughly after contact. Wash clothing and clean shoes thoroughly before reuse. Get medical attention if irritation develops.
INHALATION:	Move exposed person to fresh air. If breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen clothing. Get medical attention immediately.
INGESTION:	Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.
GENERAL:	Physicians: No specific treatment. Treat symptomatically. Contact poison treatment specialist if large quantities have been inhaled or ingested.

See Section 11 for exposure symptoms.

SECTION 5 - FIRE FIGHTING MEASURES

FLAMMABILITY:	In a fire or if heated, a pressure increase will occur and the container may burst.
EXTINGUISHING MEDIA:	Use an extinguishing agent suitable for the surrounding fire.
PROTECTIVE EQUIPMENT:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with full face-piece operated in positive pressure mode.
ADDITIONAL INFORMATION:	Thermal decomposition products-carbon monoxide, sulfur oxides, metal oxide/oxides, halogenated compounds.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	No action should be taken involving individual risk or without suitable training. Isolate area. Avoid contact with material. Do not breathe vapors. Provide adequate ventilation. Wear proper personal protective equipment.
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ENVIRONMENTAL:

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform relevant authorities if the product reaches sewers, waterways or soil.

CONTAINMENT/CLEANUP:

Stop leak if without risk. Move containers from spill area. Contain or absorb with inert dry material. Dispose of according to local regulations. See Section 1 for emergency contact information and 13 for waste disposal.

SECTION 7 - HANDLING AND STORAGE

SAFE HANDLING:

Wear appropriate personal protective equipment (see Section 8). Eating drinking and smoking should be prohibited. Do not get into eyes or on skin. Do not ingest. Keep containers tightly closed. Do not reuse container.

SAFE STORAGE:

Store in accordance with local regulations. Store in original container away from foods, drink and incompatible materials. Keep container tightly closed. Do not store unlabeled. Use appropriate containment.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

Apply technical measures to comply with occupational exposure limits. Mechanical ventilation, eye-wash stations, showers where necessary.

EYE PROTECTION:

Safety eye-wear/face shield complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

RESPIRATORY PROTECTION:

Use a properly fitted air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates necessity. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product & the safe working limits of the chosen respirator.

HAND PROTECTION:

Chemical resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

SKIN PROTECTION:

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

COMPONENT:

ACGIH TWA ppm

OSHA/NIOSH STEL ppm

OSHA/ACGIH STEL mg/m³

Hydrogen Peroxide 33%
Nonylphenol ethoxylate
D-Limonene
Sodium Hexametaphosphate

1.00
10.00
30.00
None

None
None
None
None

None
None
None
None

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:

Liquid

UPPER EXPLOSIVE LIMITS:

NA

COLOR:

Amber

LOWER EXPLOSIVE LIMITS:

NA



Warsaw Chemical

HOLDINGS LLC

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ODOR:	Citrus	VAPOR PRESSURE:	NA
ODOR THRESHOLD:	NA	VAPOR DENSITY:	NA
PH:	02.1 - 04.0	RELATIVE DENSITY:	NA
MELTING POINT:	NA	SOLUBILITY:	Water Soluble
FREEZING POINT:	NA	PARTITION COEFFICIENT:	NA
BOILING POINT:	NA	AUTO-IGNITION TEMPERATURE:	NA
FLASH PT METHOD:	NA	DECOMPOSITION TEMPERATURE:	NA
FLASH POINT:	140.00	SPECIFIC GRAVITY:	1.01000
EVAPORATION RATE:	NA	% VOLATILE:	10.00000
FLAMMABILITY:	Nonflammable	VISCOSITY (cst):	NA

SECTION 10 - STABILITY AND REACTIVITY

REACTIVITY:	HAZARDOUS DECOMPOSITION PRODUCTS
CHEMICAL STABILITY:	Stable under normal conditions.
POSSIBILITY OF HAZARDOUS REACTIONS:	Reactive with metals.
CONDITIONS TO AVOID:	Avoid heat and open flames.
INCOMPATIBLE MATERIALS:	STRONG OXIDIZERS, ALKALIS - react with metals producing flammable hydrogen gas which can form explosive mixtures with air.
HAZARDOUS DECOMPOSITION PRODUCTS:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 - TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY:	X	Inhalation	Absorption	Ingestion
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ACUTE EXPOSURE HAZARDS:

EYE CONTACT:	Severe eye irritation, burns.
DERMAL:	Skin irritation, can cause burns with contact.
ORAL:	Corrosive to mucous membranes.
INHALATION:	MIST MAY BE MILD TO STRONG IRRITANT, CORROSIVE.

Hydrogen Peroxide 33% (CAS No. 7722-84-1)

Oral LD50: 801 mg/kg rat

Dermal LD50: 2000 mg/kg rabbit

Inhalation LC50: 2 mg/L rat

Nonylphenol ethoxylate (CAS No. 127087-87-0)

Oral LD50: 960-3980 mg/kg rat

Dermal LD50: 2,000-2,991 mg/kg rabbit

Inhalation LC50: 1.15 mg/L (4 hr) rat

D-Limonene (CAS No. 94266-47-4)

Oral LD50: 4,400 mg/kg rat

Sodium Hexametaphosphate (CAS No. 68915-31-1)

Oral LD50: Rat 3053 mg/kg

SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICITY: No data available.

PERSISTENCE & DEGRADABILITY: No data available.

BIOACCUMULATIVE POTENTIAL: No data available.

MOBILITY IN SOIL: No data available.

OTHER ADVERSE EFFECTS: No data available.

Hydrogen Peroxide 33% (CAS No. 7722-84-1)

Fish LC50: 16.4:96h Pimephales p. mg/L

Crustacean LC50: 7.7:24h Daphnia

Algae EC50: 2.5:78h Chlorella v. mg/L

Nonylphenol ethoxylate (CAS No. 127087-87-0)

Fish LC50: 3.8-6.2 mg/l (96 hr) fathead minnow

D-Limonene (CAS No. 94266-47-4)

Fish LC50: 0.702 mg/L 96h minnow

Sodium Hexametaphosphate (CAS No. 68915-31-1)

Crustacean LC50: Daphnia 485 mg/L 48h

SECTION 13 - DISPOSAL CONSIDERATION

Material that cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Processing, use or contamination of the product may change the waste management options. Waste generators must decide if discarded material is a hazardous waste. State and local disposal regulations may differ from federal disposal definitions. Dispose of container and unused contents in accordance with federal, state and local requirements.

SECTION 14 - TRANSPORT INFORMATION

DOT (US)

UN NUMBER: NA

SHIPPING NAME: NA

TECHNICAL NAME: NA



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To the best of our knowledge, the information provided in this Safety Data Sheet is accurate as of the date of its issue. However, NOTHING HEREIN IS TO BE CONSTRUED AS A WARRANTY , EXPRESS OR OTHERWISE. The information this Safety Data Sheet contains is being given to that material when combined with other material(s) or when used otherwise than as described herein.

In all cases, it is the responsibility of the user to determine the applicability of such information and recommendations and the suitability of any product for its own particular purpose. All materials may represent unknown hazards and should be used with caution.