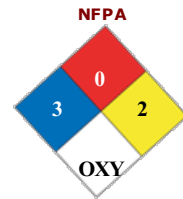


SAFETY DATA SHEET

SECTION 1 : IDENTIFICATION

Product Name: CR85342NK
Product Code: CR85342NK
SDS Manufacturer Number: 3207NONREG
Product Description: Peridox Concentrate* Sporidical Disinfectant, 1 gallon
Product Use/Restriction: Disinfectant. Prior to use, dilute with approved chemical dilution system - 26 oz to 1 gallon water (200ml to 1 liter)
Manufacturer Name: Contec, Inc.
Address: 525 Locust Grove
Spartanburg, South Carolina 29303
USA
Website: www.contecinc.com
General Phone Number: +1-864-503-8333
Emergency Phone Number: Chemtrec® US: 1-800-424-9300 International: 1-703-527-3887
SDS Creation Date: March 03, 2015
SDS Revision Date: January 04, 2019



HMIS	
Health Hazard	3
Fire Hazard	0
Reactivity	1
Personal Protection	X

SECTION 2 : HAZARD(S) IDENTIFICATION

GHS Pictograms:



Signal Word: DANGER!
GHS Class: Eye Damage, Category 1.
Skin Corrosive, Category 1B.
Hazard Statements: Causes serious eye damage.
Causes severe skin burns and eye damage.
Precautionary Statements: Wear protective gloves/protective clothing/eye protection/face protection.
Do not breathe dust/fume/gas/mist/vapours/spray.
Wash hands thoroughly after handling.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
Take off contaminated clothing and wash it before reuse.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Call a POISON CENTER or doctor/physician if you feel unwell.
IF SWALLOWED: Rinse mouth. Do not induce vomiting.
Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.
Dispose of contents/container in accordance with Local, State, Federal and Provincial regulations.
Emergency Overview: DANGER! Corrosive. Harmful if inhaled or swallowed. Irritant.
Route of Exposure: Eyes. Skin. Inhalation. Ingestion.
Potential Health Effects:
Eye: May cause irritation, burns and permanent tissue damage.
Skin: Severely irritating; may cause permanent skin damage. Corrosive causes skin burning. May be harmful if absorbed through skin.
Inhalation: May cause respiratory tract irritation.
Ingestion: Ingestion of this product is unlikely. This product may be harmful if it is swallowed.
Target Organs: Eyes. Skin. Respiratory system. Digestive system.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Ingredient Percent	EC Num.
Hydrogen peroxide	7722-84-1	23 - 25 by weight	231-765-0
Acetic acid	64-19-7	<10 by weight	200-580-7
Peroxyacetic acid	79-21-0	1 -1.4 by weight	201-186-8

SECTION 4 : FIRST AID MEASURES

Eye Contact:	Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Get immediate medical attention.
Skin Contact:	Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.
Ingestion:	If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

SECTION 5 : FIRE FIGHTING MEASURES

Flash Point:	Not determined.
Auto Ignition Temperature:	Not determined.
Lower Flammable/Explosive Limit:	Not determined.
Upper Flammable/Explosive Limit:	Not determined.
Fire Fighting Instructions:	Evacuate area of unprotected personnel. Use cold water spray to cool fire exposed containers to minimize risk of rupture. Do not enter confined fire space without full protective gear. If possible, contain fire run-off water.
Extinguishing Media:	Use flooding quantities of water only. Fight fire from protected location or maximum distance. Use water spray to keep fire-exposed containers cool.
Unsuitable Media:	Chemical type extinguishers are not effective with peroxyacetic acid or hydrogen peroxide, which are ingredients in this product.
Protective Equipment:	In the event of a fire, wear Self-Contained Breathing Apparatus (SCBA), approved or in accordance to NFPA, NIOSH, and/or European Standard EN 137 guidelines or equivalent and full protective gear.
Hazardous Combustion Byproducts:	Carbon oxides. acetic acid Oxygen that supports combustion.
<u>NFPA Ratings:</u>	
NFPA Health:	3
NFPA Flammability:	0
NFPA Reactivity:	2
NFPA Other:	OXY

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Evacuate area and keep unnecessary and unprotected personnel from entering the spill area.
Environmental Precautions:	Avoid runoff into storm sewers, ditches, and waterways.
Methods for containment:	Collect liquid in an appropriate container or absorb with an inert material (e.g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust.
Methods for cleanup:	Clean up spills immediately observing precautions in the protective equipment section. Contain and recover liquid when possible.

SECTION 7 : HANDLING and STORAGE

Handling:	Store containers in upright position only. Avoid contamination; impurities accelerate decomposition. Never return product to original container. Empty containers as thoroughly as possible. One gallon and smaller container: If empty, wrap container and put in trash or offer for recycling. If partly filled, call your local solid waste agency for disposal instructions. Larger than one gallon container: Triple rinse prior to disposal. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or incineration. Use with adequate ventilation. Avoid breathing vapor, aerosol or mist.
Storage:	Store in a cool, dry, well ventilated area away from sources of heat, combustible materials, direct sunlight, and incompatible substances. Keep container tightly closed when not in use. Maintain temperature between 32°F and 104°F (0°C and 40°C). Do not allow product to freeze or become overheated. This may cause increased degradation of the product, which will decrease product effectiveness.
Hygiene Practices:	Wash thoroughly after handling.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls:	Use appropriate engineering controls such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.
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Eye/Face Protection: Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.

Skin Protection Description: Wear appropriate protective gloves and other protective apparel to prevent skin contact. Consult manufacturer's data for permeability data.

Respiratory Protection: The need for respiratory protection will vary according to the airborne concentrations and environmental conditions. A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances.

Other Protective: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

PPE Pictograms:



EXPOSURE GUIDELINES

Hydrogen peroxide :

Guideline ACGIH: TLV-TWA: 1 ppm

Guideline OSHA: PEL-TWA: 1 ppm

Acetic acid :

Guideline ACGIH: TLV-STEL: 15 ppm

TLV-TWA: 10 ppm

Peroxyacetic acid :

Guideline ACGIH: TLV-STEL: 0.4 ppm

SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

Physical State Appearance: Liquid with white to grey tinge.

Odor: Acetic acid or vinegar like.

Boiling Point: Not determined.

Melting Point: Not determined.

Density: 1.11 g/ml, 9.26 lbs/gal

Solubility: Completely soluble in water.

Vapor Density: Not determined.

Vapor Pressure: Not determined.

Percent Volatile: >98%

Evaporation Rate: Not determined.

pH: 1.1 - 1.3

Viscosity: 1.27 cP Dynamic Viscosity

Coefficient of Water/Oil Distribution: Not determined.

Flash Point: Not determined.

Auto Ignition Temperature: Not determined.

VOC Content: Not determined.

SECTION 10 : STABILITY and REACTIVITY

Chemical Stability: Stable under normal temperatures and pressures.

Hazardous Polymerization: Not reported.

Conditions to Avoid: Extreme heat, sparks, and open flame. Incompatible materials, oxidizers and oxidizing conditions.

Incompatible Materials: Oxidizing agents. Strong acids and alkalis.

SECTION 11 : TOXICOLOGICAL INFORMATION

Skin: Rat LD50: >5000 mg/kg

Inhalation: Rat LC 50: >2.21 mg/l

Ingestion: Rat LD50: > 5000 mg/kg

Hydrogen peroxide :

Skin: Rat : 4060 mg/kg

Inhalation: Rat LC 50: 2000 mg/l

Ingestion: Rat LD50: 376 mg/kg

Acetic acid :

Skin:	Rabbit LD50: 1060 uL/kg
Inhalation:	Rat LC 50: 11.4 mg/l/4H
Ingestion:	Rat LD50: 3310 mg/kg
<u>Peroxyacetic acid :</u>	
Skin:	Rabbit LD50: 1.41 mL/kg
Inhalation:	Rat LC 50: 450 mg/l
Ingestion:	Rat LD50: 1.54 mL/kg

SECTION 12 : ECOLOGICAL INFORMATION

Ecotoxicity:	This material contains components that may cause harm to animals, plants or fish.
Environmental Fate:	Not determined.

SECTION 13 : DISPOSAL CONSIDERATIONS

Waste Disposal:	Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 or the EU Directive 2008/98/EC on waste for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state, local, or provincial waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines.
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SECTION 14 : TRANSPORT INFORMATION

DOT Shipping Name:	Disinfectants, liquid, corrosive, n.o.s. (contains hydrogen peroxide, peroxyacetic acid)
DOT UN Number:	UN1903
DOT Hazard Class:	8
DOT Packing Group:	III
DOT Exemption:	Limited quantity exemption for inner packages less than 1.3 gallons (Use limited quantity marking on label) Inner packages over 1.3 gallons, corrosive, 8.
IATA Shipping Name:	Disinfectants, liquid, corrosive, n.o.s. (contains hydrogen peroxide, peroxyacetic acid)
IATA UN Number:	UN1903
IATA Hazard Class:	8
IATA Packing Group:	III
IMDG UN Number :	UN1903
IMDG Shipping Name :	Disinfectants, liquid, corrosive, n.o.s. (contains hydrogen peroxide, peroxyacetic acid)
IMDG Hazard Class :	8
IMDG Packing Group :	III

SECTION 15 : REGULATORY INFORMATION

US Federal:	This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label: DANGER. CORROSIVE. Causes irreversible eye damage and skin burns. May be fatal if absorbed through the skin or inhaled. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Do not breathe vapor or spray mist. Wear protective eyewear (goggles, face shield, or safety glasses), clothing, and chemical resistant gloves. Wash with soap and water thoroughly after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash clothing before reuse. Dilute the concentrated Peridox® to the appropriate use rate in a well-ventilated area or have available proper respiratory protection. PHYSICAL AND CHEMICAL HAZARDS: Strong Oxidizing Agent. Corrosive. Do not use in concentrated form. Mix only with water according to label instructions. Never bring concentrate in contact with other sanitizers, cleaners or organic substances. ENVIRONMENTAL HAZARDS: This pesticide is toxic to birds, fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office at the EPA.
TSCA Inventory Status:	Listed
SARA:	This product does not contain any chemicals which are subject to the reporting requirements of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III (40CFR, Part 372).
Section 302 EHS:	EPCRA (SARA Title III) Section 302 (40 CFR Part 355) Extremely Hazardous Substances (EHS) Threshold Planning Quantity (TPQ) in pounds. Peracetic Acid: RQ = 500 lbs. Hydrogen Peroxide: TPQ = 1,000 lbs, RQ = 1,000 lbs Hydrogen Peroxide(<52%): 10,000 lbs

CERCLA Section 302: Listed (Acetic Acid = 5,000 lbs), Category D

Section 311/312 Hazard Categories:

Acute Health Hazard:	Yes.
Chronic Health Hazard:	No.
Risk of ignition.:	No.
Sudden Release of Pressure Hazard.:	No.
Reactive Hazard:	No.

Section 313: Listed

OSHA Process Safety: Corrosive, Oxidizer

RCRA 261.33 Code: Waste No. D002 (corrosivity)

Canada WHMIS: Controlled - Class E - Corrosive material.,
Controlled - Class C - Oxidizer

Canada IDL: Listed (Hydrogen Peroxide, PerAcetic Acid, Acetic Acid)

Hydrogen peroxide :

TSCA Inventory Status: Listed

Canada DSL: Listed

EC Number: 231-765-0

Acetic acid :

TSCA Inventory Status: Listed

Canada DSL: Listed

EC Number: 200-580-7

Peroxyacetic acid :

EC Number: 201-186-8

Water :

TSCA Inventory Status: Listed

Canada DSL: Listed

EC Number: 231-791-2

SECTION 16 : ADDITIONAL INFORMATION

HMIS Ratings:

HMIS Health Hazard: 3

HMIS Fire Hazard: 0

HMIS Reactivity: 1

HMIS Personal Protection: X

SDS Creation Date: March 03, 2015

SDS Revision Date: January 04, 2019

SDS Author: Actio Corporation

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