

Safety Data Sheet

Wayne Concept

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Section 1: Product & Company Identification

Trade Name: Concept 256N
SDS#: 1003A
EPA Reg. No. 10324-141-49058
Product Class: Mixture
Product Use: Disinfectant cleaner
Manufacturer: Wayne Concept
5005 Speedway Drive
Fort Wayne, IN 46825
Telephone Numbers: 24 hr. Emergency Assistance: INFOTRAC (800) 535-5053



Section 2: Hazards Identification

Emergency Overview DANGER

Causes irreversible eye damage and skin burns. HARMFUL OR FATAL IF SWALLOWED.

GHS Classifications: Acute Toxicity (oral); Category 4
Acute Toxicity (dermal); Category 3
Skin Corrosion; Category 1
Serious Eye Damage; Category 1

Potential Health Effects:

- Skin:** Skin irritant. Prolonged or repeated contact may cause dermatitis.
- Eyes:** Severe eye irritant. Liquid and mist may damage the eyes, causing corneal injury.
- Inhalation:** Mists and vapors can irritate the throat and respiratory tract. High vapor concentrations may cause central nervous system effects. Symptoms may include headaches, dizziness, and drowsiness.
- Ingestion:** Irritating to the mouth, throat and gastrointestinal system. Larger doses will cause burning pain, vomiting and diarrhea.

Section 3: Composition/Information on Ingredients

Ingredient	CAS #	Wt. %
Alkyl dimethyl benzyl ammonium chloride (C ₁₂₋₁₆)	68424-85-1	5 – 10
Didecyl dimethyl ammonium chloride	7173-51-5	8 – 12
Ethanol	64-17-5	1 – 5
Tetrasodium ethylenediamine tetraacetate	64-02-8	1 – 5
Nonylphenol ethoxylate	9016-45-9	1 – 5

Section 4: First Aid Measures

- Eyes:** Immediately flush eyes with water for 15-20 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention at once.
- Skin or Clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
- Inhalation:** If symptoms are experienced, move victim to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

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Ingestion: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

Section 5: Fire Fighting Measures

Flash Point: None to boiling

Upper & Lower Flame Limits Not determined

Extinguishing Media: Dry chemical, foam, carbon dioxide or water fog. Solid water streams may spread burning liquid.

Fire Fighting Equipment & Instructions: Firefighters should wear full protective clothing including self-contained breathing apparatus. Cool fire exposed containers with spray.

Hazardous Combustion Products: Irritating and toxic gases or fumes may be released during a fire.

Unusual Fire Explosion Hazards Not determined.

Section 6: Accidental Release Measures

Spill and Leak Procedures

Emergency Action: Isolate spill or leak area immediately. Keep unauthorized personnel away. Stay upwind. Keep out of low areas where vapors may accumulate. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area).

Spill Cleanup: Ventilate closed spaces before entering. All equipment used when handling the product must be grounded. Floor will be slippery. Do not touch or walk through spilled material. Stop leak if you can do it without risk. A vapor suppressing foam may be used to reduce vapors. Prevent entry into waterways, sewers, basements or confined areas. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use clean non-sparking tools to collect absorbed material.

Large Spills: Dike far ahead of liquid spill for later disposal. Water spray may reduce vapor but will increase foaming. Water may not prevent ignition in closed spaces.

Section 7: Handling & Storage

Handling Procedures: Avoid contact with skin and eyes. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water.

Storage Procedures: Keep the container tightly closed and in a cool, well-ventilated place. Keep from freezing. Do not handle or store near an open flame, heat or other sources of ignition. Prevent electrostatic charge buildup by using common bonding and grounding techniques.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: *Use general ventilation. Local exhaust is suggested for use, where possible, in enclosed or confined spaces.*

Personal Protective Equipment:

Eyes/Face: Wear chemical goggles. Use a face shield if splashing is possible.

Skin: Use impervious gloves (rubber or neoprene). Wear suitable protective clothing.

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Respiratory: If exposure limits are exceeded or if irritation is experienced, a NIOSH/MSNA approved respirator or an organic/vapor removing cartridge respirator protection device should be worn. Ventilation and other forms of engineering controls are often the preferred means for controlling chemical exposures. Respiratory protection may be needed for non-routine or emergency situations.

General: Eye wash fountain and emergency showers are recommended.

The following ingredients have established exposure guidelines:

Ingredient	Exposure Guideline	Guideline Value
Ethanol 64-17-5	ACGIH TWA(2002)	1000 ppm (TWA)
	NIOSH Pocket Guide	1000 ppm (TWA)
	Alberta (Canada)	1000 ppm (TWA), 1250 ppm (STEL)
	British Columbia, Manitoba, New Brunswick, Ontario, Quebec (Canada)	1000 ppm (TWA)
	Saskatchewan(Canada)	1880 mg/m ³ (TWA), 2350 mg/m ³ (STEL)
	Yukon(Canada)	1000 ppm (TWA), 1000 ppm (STEL)
	Mexico – Instruction No. 10	1000 ppm (TWA)

All TWAs are for an 8-hour period and all STELs are for 15 minutes unless specifically noted as being for another time period.

Section 9: Physical & Chemical Properties

Flash Point: None to boiling
Specific Gravity: 0.991 (~8.242 lbs/gal)
Percent Volatiles: Not determined
Vapor Pressure: 20 mmHg
VOC Content Not determined
Vapor Density: Estimated to be heavier than air.
Viscosity: Not determined
Evaporation Rate: Slower than water
Pour Point: Not determined
pH : 7 – 8 ±0.5
Appearance and Odor: Clear pink liquid with floral fragrance.

Section 10: Stability & Reactivity

Chemical Stability: Material is stable.
Conditions to Avoid: Keep away from heat and strong oxidizing agents.
Incompatibilities: Strong oxidizing agents (may result in fire.), reducing agents
Hazardous Decomposition: Upon decomposition, this product may yield oxides of nitrogen and ammonia, carbon dioxide, carbon monoxide and other low molecular weight hydrocarbons.
Hazardous Polymerization: Will not occur.

Section 11: Toxicological Information

Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Ammonium Chlorides Compounds:

Acute Oral LD50 312 mg/kg.
Acute Dermal >2.0 g/kg
Primary Skin Corrosive.

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Primary Eye Corrosive.

Tetrasodium EDTA:

Oral LD50 3,030 mg/kg (Rat)
Dermal LD50 >5,000 mg/kg (Rabbit)

Chemicals Ingredients Listed as Potential or Known Carcinogens

US ACGIH Threshold Limit Values: A3 carcinogen

Ethanol (64-17-5) Group A3 Confirmed animal carcinogen with unknown relevance to humans

Section 12: Ecological Information

Ecotoxicity Component:

Tetrasodium EDTA:

LC50 (Fathead minnow): >100 mg/l, 96 hr

LC50 (Bluegill sunfish): 157- 2,070 mg/l, 96 hr

Section 13: Disposal Considerations

Disposal Instructions

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. In addition, plastic containers may be disposed of by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

Section 14: Transport Information

U.S. DOT 49 CFR 172.101:

Proper shipping name: Disinfectants, liquid, corrosive N.O.S.
UN Number: UN 1903
Hazard Class/Division: 8
Packing Group: II
Labeling: 8
Requirements: (Regulated in all packaging over 1 liter in contents)

Section 15: Regulatory Information

US Federal regulations This product is considered a pesticide, and is therefore excluded from United States TSCA Regulations.

Reportable Quantity There is no calculable reportable quantity (RQ) for this product.

CERCLA (Superfund) reportable quantity None

Superfund Amendments and reauthorization Act of 1986 (SARA)

Section 302 extremely hazardous substance No
Section 311 hazardous chemical No

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Inventory Status

Australia	Australian Inventory of Chemical Substances (AICA)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of New and Existing Chemicals (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States and Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

A "yes" indicates that all the components of this product comply with the inventory requirements administered by the governing country(s)

State regulations

US New Jersey RTK Substances: Listed substance: Ethanol (64-17-5) Substance no. 0844 Listed

US Pennsylvania RTK Hazardous Substances: Listed substance: Ethanol (64-17-5) Listed

Section 16: Other Information

Issue Date: May 27, 2014
Date Revised: June 28, 2016

Hazard Ratings	HMIS (II)	NFPA
	Health 3	3
Flammability	0	0
Reactivity	0	0
PPE	B	

Disclaimer

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