



CLEAN REPUBLIC CATHOLYTE DEGREASER SAFETY DATA SHEET

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Section 1: Product and company identification

Product Identifier Name: Clean Republic Catholyte Degreaser

Distributor: Good Salt Life LLC
125 Old Monroe Road
Athens, Georgia 30606
888-559-6620

Manufacturer: Envriocleanse LLS
12621 W. Airport Suite 200
Sugar Land, Texas 77478
713-234-7134

Section 2: Composition and information on the ingredients

Catholyte contains hydroxyls and hydroxyl radicals such as NaOH, H₂O₂-, HO- The solution contains no compounds as per the regulations for toxic compounds.

Section 3: Hazards identification

Per GHS guideline, The solution is classified as non dangerous.

Hazards: Catholyte in its strongest form may cause slight irritation of throat.

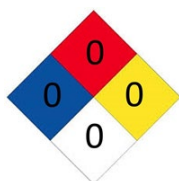
Health effects Eyes: Catholyte in its strongest form may cause slight irritation to the eyes.

Health effects Skin: Catholyte in its strongest form may cause irritation to the skin or open wounds.

Health effects Ingestion: Swallowing of the solution in its strongest form may cause slight irritation to the throat and digestive tract.

Health effects Inhalation: During generation of the solution, particularly its strong form, unless there is adequate ventilation, there may be a build up of fumes which may cause dizziness and nausea.

- Ingredients are being withheld as a trade secret -



Section 4: First aid Measures

Eye contact: Where irritation occurs flush with cool fresh water

Skin Contact: Where irritation occurs wash the skin wash with soap and warm water

Ingestion: Drink cool fresh water to flush through and dilute

Inhalation: Remove at once to fresh air if dizziness and nausea persist seek medical attention

Section 5: Fire Fighting Measures

There are no special requirements for Catholyte. It is not flammable.

Section 6: Accidental Release Measures Personal precautions:

None.

Environmental precautions: The solution is biodegradable and has a limited activation period so there are no potential risks to the environment.

Spillage: Wipe up with disposable towels. There are no special disposal instructions.

Section 7: Handling and Storage

Handling: In the area where the solution is being produced there must be good ventilation. Preferably local exhaust ventilation. For those with very sensitive skin it may be advisable to wear gloves.

Storage: Store in a cool dry ventilated area in sealed plastic containers and ensure the solution is correctly labeled. Shelf life is up to 12 months.

Section 8: Personal Protection and Exposure Control

Engineering control procedures: Catholyte generated on site requires engineering solutions to prevent the accumulation of fumes particularly when a production facility has inadequate ventilation. Mechanical fume extraction may be advised in this situation. Documented process, safety controls and PPE where necessary, gloves, mask etc.

Respiratory Protection: Processing/Production areas which have inadequate ventilation pose a risk. In these situations a respirator should be worn.

Hand protection: Protective gloves should be worn if service personnel have sensitive skin. The strongest solution of Catholyte may cause irritation.

Eye and Facial protection: In casings where splashing can occur, personnel should wear eye protection.

Body protection: None required. Employee may elect to wear protective clothing to avoid skin exposure when handling neat strong solution.

Section 9: Chemical and Physical Properties

Physical state: Liquid

Color and Appearance: Clear, transparent liquid (like water)

Odor: Slight Chlorine smell varying with the strength of the solution

Solubility in water: Completely soluble

PH-values: 10-13

Melting-point: 0°C

Boiling-point: 100°C

Fire-focus: N/A

Flammability: None

Explosive: N/A

Density: app. 1,000 kg.m³

Steam-pressure: app. 2,330 Pa

Section 10: Stability and Reactivity

Stability: Stable under all normal storage conditions.

Materials to avoid: Noncorrosive on metals (relates to very low active concentration NaOH, less than 0.07%)

Hazardous decomposition products: None

Section 11: Toxicological Information Acute toxicity:

Not toxic

Irritant-Eyes: Data for related material suggests this could produce conjunctivitis irritation

Irritant-Skin: Data for related material suggests this may cause skin irritation

Reproductive and developmental: None known

Chronic toxicity/Carcinogens: None

Human Data: Extended Inhalation may cause respiratory irritation

Section 12: Environmental Information

Eco toxicity: None

Degradability and Persistence: Fully Biodegradable

Bio-accumulation: None

Mobility: None

Section 13: Disposal Procedures

There are no special disposal procedures.

Section 14: Transport procedures

Not classified as hazardous for transport

Section 15: Regulatory Information

Not listed

Section 16: Other Information - uses and applications

Catholyte: Primarily used as a mild surfactant cleaner and degreaser (as both a finished, ready-to-use product and/or as a raw material or additive) for use in the manufacture of industrial and consumer products within healthcare, food services, janitorial services, the oil and gas industry, water reclamation, car wash, livestock and poultry industries, and for use in cruise line and marine exhaust scrubber effluent treatments. It is also an effective hard and soft surface cleaning agent in childcare centers and schools, gyms, vehicles, nursing homes, hospitals and medical clinics, laboratories, voting booths, and buses and trains. Catholyte can also be used as a ready-to-use mild cleaner & degreaser or as a raw material for use in the manufacture of consumer products for use in the home (such as a laundry detergent); and as a surfactant for increasing the pH level in produced well waters.

The information contained in this document is based on data considered to be accurate at the time of publication and is given free of charge. It is representative of typical product but batches may exhibit minor variations.

NO warranty is expressed or implied concerning the accuracy of this data.

In case of doubt or for clarification Clean Republic Inc should be consulted. Clean Republic Inc is unable to anticipate all conditions under which the product may be used, and users are advised to carry out an assessment of workplace risk and carry out their own tests to determine Safety and Suitability for the process and conditions of use.