

PRODUCED AT A CONTROLLED 12.0 pH.

Note: This information only relates to The Meanest. Degreaser produced by Ethitec, LLC electrolyzed water equipment at the stated salt concentration.

SECTION I – PRODUCT IDENTITY

Chemical Name: Catholyte (The Meanest. Degreaser)
Common name: Electrochemically activated water containing
0.5% NaCl
Product Type: Aqueous dilute mixed reductants

Composition

Ingredient	CAS-No	EINECS-NO	Wt/Vol %
Water			99.5%
Sodium chloride	7647-14-5	231-598-3	0.5%
After activation			
NaOH	1310-73-2	215-185-5	<1000 ppm (0.1%)
OH ⁻ /OH [•]			<126 ppm (0.0126%)
Na ⁺ as NaOH			<170ppm (0.017%)
Na ⁺ as NaCl			<1.796ppm (0.1796%)
H ₂			4ml/L
HO ₂ ⁻ /O ₂ ²⁻			<3000ppm (0.3%)

The mixed reductants are in dynamic equilibrium initially, and gradually after time revert to their original alkalized ingredients. Figures given are maximum values.

Product Name: The Meanest. Degreaser (Catholyte)

SECTION 2 – PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance: Homogeneous clear, liquid
Boiling Point: 100°C
SP Gravity: 1.02 – 1.06g/ml
Odor: No odor
Taste: Mild saline/soapy
Chemical: pH = 12.0 ±0.3
Oxidation Reduction Potential: ORP = -900 ±100mV
Solubility: Same as water

SECTION 3 – FIRE HAZARD AND CONTROL

Flammability:	N/A
Flash Point (°C):	N/A
Extinguishing Media:	N/A
Special Fire-Fighting Procedures:	N/A

SECTION 4 – REACTIVITY DATA

Stability:	The Meanest. Degreaser is stable under recommended handling and storage conditions. No hazardous reactions are known when used for its intended purposes.
Incompatibility (Material to Avoid):	The Meanest. Degreaser, like water, is reactive with acid solutions.
Hazardous Decomposition or By-Products:	The Meanest. Degreaser deactivates to its original components: water, added Sodium Chloride of 5000 ppm and Sodium Hydroxide at 800 – 1000 ppm, which was formed during the electrochemical activation process.

SECTION 5 – ENVIRONMENTAL CHARACTERISTICS

Degradability:	Best if stored between 40-95° F and kept in a closed plastic container. The Meanest. Degreaser deactivates to its original components: water, added Sodium Chloride of 5000 ppm and Sodium Hydroxide at 800 – 1000 ppm, which was formed during the electrochemical activation process. Should not be stored in a glass container!
Hazards:	The Meanest. Degreaser, generated at pH≤12.0 is non-hazardous to human and animal tissue.
Other Effects:	N/A

SECTION 6 – HEALTH HAZARD DATA

Acute Oral Toxicity:	None observed
Acute Dermal Irritation:	Non-irritating
Acute Eye Irritation:	Non-irritating
Inhalation:	Non-irritating
Occupational Exposure Limits:	None
Health Hazards:	There are no known health hazards.

SECTION 7 – EMERGENCY AND FIRST AID PROCEDURES

Signs and Symptoms of Poisoning:	N/A
First Aid Procedures:	None specified
Skin Contact:	No reports of adverse skin reactions after exposure
Eye Contact:	No reports of adverse ocular reactions after exposure
Ingestion:	No reports of adverse reactions after ingestion
Inhalation:	No reports of adverse reactions after inhalation
Emergency Antidote:	None (Water)

SECTION 8 – MEDICAL ADVICE

The Meanest. Degreaser has been extensively tested in both humans and animals, and poses no known threat to the welfare of either.

SECTION 9 – PRECAUTIONS FOR SAFE HANDLING AND USE

Handling Concentrated Product:	None
Handling or Applying Diluted Product:	None
Leaks and Spills:	Leaks and spills can be removed the same as for ordinary water.
Waste Disposal:	The Meanest. Degreaser can be disposed of in municipal drains without adverse effects after use. Local environmental regulatory requirements should be followed, which may require The Meanest. Degreaser to be deactivated. This can be done by mixing with Anolyte or Water.

Storage:

Optimal efficacy of the product will be prolonged if stored away from direct sunlight, in sealed opaque or tinted plastic containers and avoiding high temperatures.
Avoid storing in glass container!

Other precautions:

None

FOR FURTHER INFORMATION REFER TO:

Ethitec, LLC
Saddle River, NJ 07458
www.themeanest.co

DISCLAIMER:

This information is based on our current knowledge and is intended to describe the product for the purposes of health and safety requirements only. It should not, therefore, in itself be construed as a guarantee of any specific quality relating to the product.

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Prepared By: Ethitec, LLC
