SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Name: Charged All Purpose Cleaner
Product Use: Multipurpose Cleaner
Manufacturer/Supplier: Charged PEV
Address: 495 South Shell Road, A8, DeBary Florida 32713, United States
Telephone Number: (855) 782-3520

SECTION 2: HAZARD(S) IDENTIFICATION

GHS CLASSIFICATION:
HEALTH ENVIRONMENTAL

Eye Effects - 1
Skin Corrosion - 1
Acute Toxicity - N/A
Skin Sensitization - N/A
Mutagenicity - N/A
Carcinogenicity - N/A
Reproductive/Developmental - N/A
Target Organ Toxicity - N/A
Toxicity - N/A
Aspiration Hazard - N/A
Environmental Hazards - N/A
Hazardous To The Aquatic Environment - N/A

PHYSICAL

Flammable Liquid - 4
Explosives - N/A
Flammable Gases - N/A
Flammable Aerosols - N/A
Oxidizing Gases - N/A
Gases Under Pressure - N/A
Flammable Solid - N/A
Self-Reactive Substances - N/A
Pyrophoric Solids - N/A
Self-Heating Substances - N/A
Oxidizing Liquids - N/A
Oxidizing Solids - N/A
Organic Peroxides - N/A
Corrosive To Metal - N/A
Substances Which, In Contact With Water Emit Flammable Gases - N/A

HAZARD STATEMENTS

Danger!
Causes severe skin burns and eye damage. Combustible liquid.

PICTOGRAM

PRECAUTIONARY STATEMENTS

General:
P101 If Medical Advice Is Needed, Have Product Or Label At Hand.
P102 Keep Out Of Reach Of Children.
P103 Read Label Before Use.

Prevention:
P261 Avoid Breathing Mist, Vapors, Spray.
P264 Wash Thoroughly After Handling.
P280 Wear Protective Gloves/Protective Clothing/Eye Protection/Face Protection.
P210 Keep Away From Heat/Sparks/Open Flames/Hot Surfaces. - No Smoking

Storage: Store In A Well-Ventilated Place. Store Locked Up. Keep Container Tightly Closed.

Response:
Immediately call a POISON CENTER or doctor/physician

If swallowed: immediately call a poison control center or doctor/physician. Rinse mouth. Do not induce vomiting.

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 Wash contaminated clothing before reuse

If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	CAS NUMBER	WEIGHT
Sodium Metasilicate	6834-92-0	1 - 5
Dodecylbenzenesulphonic Acid	27176-87-0	1 - 5
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivitives	85536-14-7	1 - 5
Benzenesulfonic acid, (C10-16)	68584-22-5	1 - 5
2-Butoxyethanol	111-76-2	1 - 5
Sodium Hydroxide	1310-73-2	0.1 - 1

SECTION 4: FIRST AID MEASURES

Eye contact: Flush immediately with large amounts of clean water for at least 15 minutes, eyelids should be held away from the eyeball to ensure thorough rinsing. If any irritation persists, seek medical attention.

Skin contact: Rinse area with soap and water. Seek medical attention if any redness or irritation persists inhalation: if breathing is difficult or irritating, move to fresh air immediately. If symptoms persist, get medical attention.

Inhalation: Immediate medical attention is not required. If symptoms persist, call a physician. Move to fresh air in case of accidental inhalation of vapors or decomposition products.

Ingestion: Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician. Do NOT induce vomiting.

Self-protection of the first aider: Use personal protective equipment as required.

Most important symptoms and effects, both acute and delayed
Symptoms: See section 2 for more information

SECTION 5: FIRE FIGHTING MEASURES

Suitable extinguishing media:
Use, Dry chemical, Carbon dioxide (CO2), Water spray (fog), Alcohol resistant foam

Unsuitable extinguishing media: None

Specific hazards arising from the chemical:
Keep product and empty container away from heat and sources of ignition. Risk of ignition.

Explosion data
Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters:

SECTION 6: ACCIDENT RELEASE MEASURES

Personal precautions: Use personal protective equipment as required. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Pay attention to flashback. Take precautionary measures against static discharges.

Environmental precautions: See section 12 for additional ecological information. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent productfrom entering drains.

SECTION 6: ACCIDENT RELEASE MEASURES CONT.

Methods and material for containment and cleaning up:

Methods for containment:	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up:	Soak up with inert absorbent material. Dam up. Pick up and transfer to properly labeled containers. Take precautionary measures against static dis charges.
Prevention of secondary hazards:	Clean contaminated objects and areas thoroughly observing environmental regulations.

SECTION 7: HANDLING AND STORAGE

Advice on safe handling:	Use with local exhaust ventilation. All equipment used when handling the product must be grounded. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Take necessary action to avoid static electricity discharge(which might cause ignition of organic vapors).

Conditions for safe storage, including any incompatibilities:

Storage Conditions:	Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electricmotors and static electricity). Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat. Keep in properly labeled containers.
Incompatible materials:	Strong oxidizing agents

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Guidelines:

2-Butoxyethanol 111-76-2:

ACGIH TLV	TWA	20 PPM
OSHA PEL	TWA	50 ppm
OSHA PEL	TWA	240 mg/m3
OSHA PEL	(vacated) TWA	25 ppm
OSHA PEL	(vacated) TWA	120 mg/m3
OSHA PEL	(vacated) S*	
OSHA PEL	S*	
NIOSH	TWA	5 PPM
NIOSH	TWA	24 MG/M3
NIOSH	IDLH	700 PPM

Sodium Hydroxide 1310-73-2:

ACGIH TLV	Ceiling	2mg/m3
OSHA PEL	TWA	2 mg/m3
OSHA PEL	(vacated) Ceiling	2mg/m3
NIOSH	IDLH	10 MG/M3
NIOSH	Ceiling	2mg/m3

(NIOSH IDLH Immediately Dangerous to Life or Health)

Other Information: Vacated limits revoked by the Court of Appeals decision in AFL-ClOv. OSHA, 965F.2d962(11th Cir., 1992).

Engineering Controls: Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment:
Eye/face protection: Tight sealing safety goggles.
Skin and body protection: Wear protective natural rubber, nitrile rubber, Neoprene™ or PVC gloves.
Respiratory protection: Use NIOSH-approved air-purifying respirator with organic vapor cartridge or canister, as appropriate.

General Hygiene Considerations: When using do not eat, drink or smoke. Regular cleaning of equipment, work areaand clothing is recommended.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties:

Physical state:	Liquid
Appearance:	Green
Odor:	Cinnamon
Odor threshold:	No information available

Property	Values
pH	11.5
Melting point / freezing point	No information available
Boiling point / boiling range	100 °C / 212 °F
Flash point	66 °C / 150.8 °F
Evaporation rate	No information available
Flammability (solid, gas)	No information available
Flammability Limit in Air	
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapor pressure	No information available
Vapor density	No information available
Relative density	No information available
Water solubility	No information available
Solubility(ies)	No information available
Partition coefficient	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Kinematic viscosity	No information available
Dynamic viscosity	No information available
Explosive properties	No information available
Oxidizing properties	No information available

Other Information:	
Softening point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
VOC content	
Density	1.06
Bulk density	No information available
SADT (self-accelerating decomposition temperature)	No information available

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No information available.
Chemical stability: Stable under normal conditions
Possibility of hazardous reactions: None under normal processing.
Conditions to avoid: Heat, flames and sparks.
Incompatible materials: Strong oxidizing agents
Hazardous decomposition: Carbon oxides

SECTION 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Inhalation	May cause irritation of respiratory tract.
Eye contact	Contact with eyes may cause irritation. May cause redness and tearing of the eyes
Skin contact	May cause skin irritation and/or dermatitis.
Ingestion	Ingestion may cause irritation to mucous membranes

Chemical Name	Oral LD50	Oral LD50	Inhalation LC50
Sodium Metasilicate 6834-92-0	= 1153 mg/kg (Rat)	-	-
Dodecylbenzenesulphonic Acid 27176-87-0	= 1260 mg/kg (Rat)	631 - 1000 mg/kg (Rabbit)	-
Benzenesulfonic acid, 4-C10- 13-sec-alkyl derivitives 85536-14-7	= 1219 mg/kg (Rat)	-	-
Benzenesulfonic acid, (C10-16) 68584-22-5	= 775 mg/kg (Rat)	= 2000 mg/kg (Rabbit)	-
2-Butoxyethanol 111-76-2	= 470 mg/kg (Rat)	= 435 mg/kg (Rabbit)	= 486 ppm (Rat) 4 h = 450 ppm (Rat) 4 h
Sodium Hydroxide 1310-73-2	= 325 mg/kg (Rat)	= 1350 mg/kg (Rabbit)	-

Information on toxicological effects:
Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure
Sensitization No information available.
Germ cell mutagenicity No information available.
Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
2-Butoxyethanol 111-76-2	A3	Group 3	-	-

SECTION 11: TOXICOLOGICAL INFORMATION Cont.

ACGIH (American Conference of Governmental Industrial Hygienists)
- A2 - Suspected Human Carcinogen
- A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)
- Group 1 - Carcinogenic to Humans
- Group 2B - Possibly Carcinogenic to Humans
- Not classifiable as a human carcinogen

NTP (National Toxicology Program)
- Known - Known Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)
- X - Present

Chronic toxicity: May cause adverse effects on the bone marrow and blood-forming system. May cause adverse liver effects.

Target Organ Effects: Blood, Central nervous system, Eyes, Hematopoietic System, kidney, Liver, Respiratory system, Skin.

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 5972 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: 0 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Persistence and degradability: No information available.

Bioaccumulation: No information available.

Mobility: No information available.

Chemical Name	Partial Coefficient
Benzenesulfonic acid, 4-C10- 13-sec-alkyl derivitives 85536-14-7	2
Benzenesulfonic acid, (C10-16) 68584-22-5	2
2-Butoxyethanol 111-76-2	0.81

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods:

Disposal of wastes: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging: Do not reuse container.

US EPA Waste Number: U122

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
Sodium Hydroxide 1310-73-2	Toxic Corrosive

SECTION 14: TRANSPORT INFORMATION

Note: This information is not intended to convey all specific regulatory information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material. The transportation classification provided is based on ITW Evercoat original packaging, which is suitable for domestic ground transportation only.

DOT

UN/ID No UN1719
Proper shipping name: Caustic Alkali Liquid N.O.S (Sodium Hydroxide)
Hazard Class 8
Packing Group III

IATA

UN/ID No UN1719
Proper shipping name: Caustic Alkali Liquid N.O.S (Sodium Hydroxide)
Hazard Class 8
Packing Group III

IMDG

UN/ID No UN1719
Proper shipping name: Caustic Alkali Liquid N.O.S (Sodium Hydroxide)
Hazard Class 8
Packing Group III

SECTION 15: REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Not determined
ENCS	Not determined
IECSC	Not determined
KECL	Not determined
PICCS	Not determined
AICS	Not determined

Legend:

TSCA -	United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL -	Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS -	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS -	Japan Existing and New Chemical Substances
IECSC -	China Inventory of Existing Chemical Substances
KECL -	Korean Existing and Evaluated Chemical Substances
PICCS -	Philippines Inventory of Chemicals and Chemical Substances
AICS -	Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	SARA 313 - Threshold Values %
2-Butoxyethanol - 111-76-2	1.0

SARA 311/312 Hazard Categories

Acute health hazard	Yes	
Chronic Health Hazard		No
Fire hazard	Yes	
Sudden release of pressure hazard	No	
Reactive Hazard	No	

SECTION 15: REGULATORY INFORMATION Cont.

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR122.21and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Dodecylbenzenesul-phonic Acid 27176-87-0	1000lb	-	-	X
Sodium Hydroxide 1310-73-2	1000lb	-	-	X

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehen-

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Dodecylbenzenesul-phonic Acid 27176-87-0	1000lb	-	RQ 1000 lb final RQ RQ 454 kg final RQ
Sodium Hydroxide 1310-73-2	1000lb	-	RQ 1000 lb final RQ RQ 454 kg final RQ

US State Regulations

California Proposition 65

Chemical Name	California Proposition 65
Sulfuric Acid 7664-93-9	Carcinogen
Formaldehyde 50-00-0	Carcinogen

SECTION 15: REGULATORY INFORMATION conti,

US State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Dodecylbenzenesulphonic Acid 27176-87-0	X	X	X
Dodecylbenzenesulphonic Acid 27176-87-0	X	X	X
Monoethanolamine 141-43-5	X	X	X
Sodium Hydroxide 1310-73-2	X	X	X

US State Right-to-Know Regulations

EPA Pesticide Registration Number Not applicable

SECTION 16: OTHER INFORMATION

NFPA	Health hazards 2	Flammability 2	Instability 0	-
HMIS	Health hazards 2	Flammability 2	Physical hazards 0	Personal protection B

NFPA (National Fire Protection Association)
HMIS (Hazardous Material Information System)

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