

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Name: Charged Wheel & Tire Cleaner

Product Use: Wheel 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 PHYSICAL

Serious Eye Damage/Irritation - Category 2A

Skin Corrosion - Category 2

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

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

Warning!

Combustible Liquid

Causes skin irritation

Causes serious eye irritation

PICTOGRAM



PRECAUTIONARY STATEMENTS

General:

Warning!

Combustible Liquid

Causes skin irritation

Causes serious eye irritation

Prevention:

Keep away from heat/sparks/open flames/hot surfaces.

No smoking.

Wash thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

MEDICAL CONDITIONS AGGRAVATED: dermatitis may be aggravated by excessive exposure to skin.

PRECAUTIONARY STATEMENTS CONTI.

Response:

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Take off contaminated clothing and wash before reuse.

In case of fire: Use for extinction

Storage and Disposal Statements:

Store in a well-ventilated place. Keep cool.

Dispose of contents/container in accordance with local/regional/national regulation for hazardous waste.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

<u>COMPONENT</u>	<u>CAS NUMBER</u>	<u>Percentage</u>
Sodium Hydroxide	1310-73-2	1-5%
Sodium Metasilicate	6834-92-0	1-5%
2-propanol-1-butoxy ether	5131-66-8	0.5-1.5%

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret

SECTION 4: FIRST AID MEASURES

Eye contact: Immediately flush eyes with plenty of water for at least 20 minutes retracting eyelids often. This corrosive material can cause immediate and permanent eye damage. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention and monitor the eye daily as advised by your physician.

Flush eye with water for 20 minutes. Get medical attention. Seek immediate medical attention.

Skin contact: Wash with soap and water under a drench shower. Remove contaminated clothing, launder immediately, and discard contaminated leather goods. Get medical attention immediately. Wash affected area thoroughly with soap and water.

Inhalation: Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately. If inhaled, remove victim from exposure to a well-ventilated area.

Ingestion: Corrosive. Do not induce vomiting! Drink one glass of water followed by milk if available. Seek medical attention immediately and give the medical care provider with this MSDS. Do not induce vomiting unless directed to do so by medical personnel. Drink 1-2 glasses of milk to dilute product. Call a physician or poison control center immediately.

Never give anything by mouth to an unconscious person.

SECTION 5: FIRE FIGHTING MEASURES

Suitable extinguishing media: Use alcohol resistant foam, carbon dioxide, dry chemical, or water spray when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful

extinguishing agent if carefully applied to the fire. Do not direct a water stream directly into the hot burning liquid. Water spray, Alcohol foam, Dry chemical, Carbon dioxide.

Unsuitable extinguishing media: No data available

Fire and/or Explosion Hazards: Material may be ignited if preheated to temperatures above the flash point in the presence of a source of ignition. Material will not burn.

Hazardous Combustion Products: Carbon monoxide, Carbon dioxide.

Special protective equipment and precautions for fire-fighters: Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products.

SECTION 6: ACCIDENT RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Exposure to the spilled material may be severely irritating or toxic. Follow personal protective equipment recommendations found in Section VIII of this MSDS. Personal protective equipment needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred, and the expertise of employees in the area responding to the spill. Never exceed any occupational exposure limits.

Methods and material for containment and cleaning up: No special spill clean-up considerations. Collect and discard in regular trash. **SMALL SPILL:** Contain and collect with absorbent. **LARGE SPILLS:** Shut off leak if safe to do so. Use an inert absorbent such as sand or vermiculite. Place in properly labeled closed container. Prevent spilled material from contaminating soil, entering sanitary sewers, storm sewers, and drainage systems, and entering bodies of water or ditches that lead to waterways.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling: Toxic or severely irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area.

Keep out of the reach of children.

Conditions for safe storage: Store in a cool dry place. Isolate from incompatible materials. Keep from freezing, STORAGE TEMPERATURE: 32°F Minimum to 110°F Maximum. Shelf life is one year.

Materials to Avoid/Chemical Incompatibility: Strong oxidizing agents, Acids, Metals, Water, Organic halides, Strong acids.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

<u>COMPONENT</u>	<u>CAS NUMBER</u>	<u>ACGIH Exposure Limit</u>	<u>OSHA Exposure Limit</u>
Sodium Hydroxide	1310-73-2	2 mg/m ³	2 mg/m ³

Appropriate engineering controls: Local exhaust ventilation, process enclosures, or other engineering controls are necessary when handling or using this product to avoid overexposure. General or local ventilation or isolation may prove adequate to keep airborne exposures below exposure limits.

Eye Protection: Wear chemical splash goggles when handling this product. Additionally, wear a face shield when the possibility of splashing of liquid exists. Do not wear contact lenses. Have an eye wash station available. Safety Glasses or goggles with splash guards or side shields.

Skin Protection: Avoid skin contact by wearing chemically resistant gloves, an apron and other protective equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Use Nitrile/ Vinyl gloves.

Respiratory Protection: Respiratory protection must be used when handling this product. Use respirators only if ventilation cannot be used to eliminate symptoms or reduce the exposure to below acceptable levels. A supplied air type respirator may be required. NIOSH respirator - (organic vapor) in absence of proper environmental control.

Other Protective Equipment: Safety Glasses or goggles with splash guards or side shields. Use Nitrile /Vinyl gloves

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Flash point:	63°C	Lower Flammability Limit:	No Data Available
Auto-Ignition Temperature:	Not Available	Upper Flammability Limit:	No Data Available
Boiling Point:	100°C	Volatile Organic Compound	N/A
Melting Point:	No Data Available	Volatile Organic Compound	N/A
Vapor Pressure:	17.5 MMHG@20C/68F	Evaporation Rate (Water=1):	No Data Available
Vapor Density (Air = 1):	N/A	Viscosity:	No Data Available
Solubility In Water:	Complete 100%	Ph:	> 12
Pour Point:	Not Available	Molecular Weight:	No Data Available
Molecular Formula:	Not Available	Relative Density:	1.1
Odor/Appearance:	Green liquid with glycol ether odor		

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No data available. Stability: Stable under normal conditions. Conditions to avoid: None known. Contamination contact with water. Incompatible materials: Strong oxidizing agents, Acids, Metals, Water, Organic halides, Strong acids. Hazardous Decomposition Products: Carbon dioxide, Carbon monoxide.

SECTION 11: TOXICOLOGICAL INFORMATION

Skin Absorption: No absorption hazard in normal industrial use. Causes skin burns

Eye Contact: Corrosive to eye tissue. Can cause severe irritation, tearing, and burns that can quickly lead to permanent injury including blindness. Causes eye burns.

Ingestion Irritation: Corrosive to tissue. Can cause severe and permanent damage to mouth, throat, stomach. Aspiration may lead to lung damage. Can burn mouth, throat, and stomach.

Ingestion Toxicity: Harmful if swallowed. May cause systemic poisoning.

Long-Term (Chronic) Health Effects:

Carcinogenicity: None of the substances have been shown to cause cancer in long term animal studies. Not a carcinogen according to NTP, IARC, or OSHA. Cancer hazard! Contains a material that can cause cancer.

Reproductive and

Developmental Toxicity: No data available to indicate product or any components present at greater than 0.1% may cause birth defects.

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

Inhalation: Upon prolonged and/or repeated exposure, can be corrosive to the respiratory tract causing severe irritation and tissue damage. Upon prolonged and/or repeated exposure, can be corrosive to the respiratory tract causing severe irritation and tissue damage.

Skin Contact: Upon prolonged or repeated contact, corrosive to skin tissue. Can cause chemical burns.

Skin Absorption: Upon prolonged or repeated exposure, no hazard in normal industrial use.

Component Toxicology Data: No data available

Has the chemical been classified as a Carcinogen by NTP, IARC or OSHA: No data available.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity (aquatic and terrestrial, where available): Harmful to aquatic life.
Persistence and degradability: No data available
Mobility in soil: No data available
Other adverse effects (such as hazardous to the ozone layer): No data available

Ecological Toxicity Data

Chemical Component: No data available
Aquatic EC50 Crustacea: No data available
Aquatic ERC50 Algae: No data available
Aquatic LC50 Fish: No data available

SECTION 13: DISPOSAL CONSIDERATIONS

Description of waste residues: Spent or discarded material may be a hazardous waste.
Safe Handling of Waste: Disposal must be in accordance with applicable Federal, State/Provincial and Local regulations.
Waste treatment methods(including packaging): Dispose of by incineration following Federal, State, Local, or Provincial regulations

SECTION 14: TRANSPORT INFORMATION

UN Proper Shipping Name: Refer to bill of lading or container label for DOT or other transportation hazard classification, if any

SECTION 15: REGULATORY INFORMATION

All chemicals in this product are listed, or are exempt from listing on the TSCA Inventory.

Chemical Component: Sodium hydroxide
CAS number and other unique identifiers: 1310-73-2
CERCLA: N
SARA EHS: N
SARA 313: Y
California Prop 65: N

SECTION 16: OTHER INFORMATION INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision Date: 07-18-2015
Revision Number: 5

Disclaimer: NOTICE: The information accumulated herein is believed to be correct as of the date issued from sources, which are believed to be accurate and reliable. Since it is not possible to anticipate all circumstances of use, recipients are advised to confirm, in advance of need, that the information is current, applicable and suitable to their circumstances.