



Safety Data Sheet

Issue Date: 06-Apr-2022

Revision Date: 14-Apr-2022

Version 1

1. IDENTIFICATION

Product identifier

Product Name PIG Battery Cleaner & Acid Neutralizer

Other means of identification

SDS # MSD-216

UN/ID No UN1950

Recommended use of the chemical and restrictions on use

Recommended Use PIG Battery Cleaner & Acid Neutralizer is designed to neutralize, degrease and clean batteries & equipment. Product is bio-degradable and non-corrosive. The pH color indicator alerts users of acidic corrosion. Safe on metal, plastic and rubber.

Details of the supplier of the safety data sheet

Supplier Address

New Pig Corporations
One Pork Avenue
Tipton, PA 16684-0304
Information: 1-800-468-4647
Email: hothogs@newpig.com
Website: www.newpig.com

Emergency telephone number

Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Orange liquid aerosol

Physical state Liquid

Odor Bland

Classification

Serious eye damage/eye irritation	Category 1
Gases under pressure	Compressed gas

Signal Word

Danger

Hazard statements

Causes serious eye damage
Contains gas under pressure; may explode if heated



Precautionary Statements - Prevention

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

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Immediately call a poison center or doctor/physician

Precautionary Statements - Storage

Protect from sunlight. Store in a well-ventilated place

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Water	7732-18-5	94
Proprietary Cleaning Aid	Proprietary	1-5
Acid blue 9	3844-45-9	1-5

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES**Description of first aid measures**

Eye Contact	Flush with plenty of water, lifting eyelids to insure complete removal. If irritation persists, contact a physician.
Skin Contact	Wash with soap and water. If irritation persists, contact a physician.
Inhalation	Not normally required. Move to fresh air. If symptoms persist, get medical attention.
Ingestion	Not normally required. Contact a physician if ingested.

Most important symptoms and effects, both acute and delayed

Symptoms	Causes serious eye damage.
-----------------	----------------------------

Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
---------------------------	------------------------

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Unused form: Water spray, dry chemical or carbon dioxide. Used form: that which is compatible to liquid(s) absorbed.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Extreme heat may cause pressure to build up inside drum. Refer to absorbed liquid(s) SDS(s). The PIG Battery Cleaner & Acid Neutralizer may help neutralize the acid making it less hazardous but not less flammable.

Hazardous combustion products Carbon monoxide and/or carbon dioxide.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment as required.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up If material is unused, collect and recover for reuse. Wear protective equipment. Not a listed hazardous waste.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Avoid prolonged eye and skin contact. Do not swallow. Wash hands thoroughly after handling. Do not pierce or burn, even after use.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store in a cool, dry, well-ventilated area away from direct sunlight. Prevent product from freezing. Keep away from heat sources. Keep out of reach of children. Keep container tightly sealed when not in use. **Shelf Life:** 3 years - as long as the product is kept in a sealed, clean, dry environment away from direct sunlight and/or excessive heat.

Packaging Materials Refer to absorbed liquid(s) SDS(s). Follow label directions carefully. Make sure all containers are labeled properly. The container can be hazardous when empty. Follow label cautions even after the container is empty. Do not re-use empty containers for food, clothing or products for human or animal consumption, or where skin contact can occur.

Incompatible Materials Strong oxidants.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

Appropriate engineering controls

Engineering Controls Good general ventilation.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Safety goggles or glasses with side shields.

Skin and Body Protection Impervious gloves. Wear appropriate protective clothing to minimize skin contact.

Respiratory Protection Not required for normal use.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid	Odor	Bland
Appearance	Orange liquid aerosol	Odor Threshold	Not determined
Color	Orange		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	9	
Melting point / freezing point	0 °C / 32 °F	
Boiling point / boiling range	100 °C / 212 °F	
Flash point	Not determined	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Not determined	
Flammability Limit in Air		
Upper flammability or explosive limits	Not determined	
Lower flammability or explosive limits	Not determined	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Relative Density	1.079	
Water Solubility	Not determined	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition temperature	Not determined	
Decomposition temperature	Not determined	
Kinematic viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	May explode if heated	
Oxidizing Properties	Not determined	

10. STABILITY AND REACTIVITY

Reactivity

Reacts with sodium hypochlorite or calcium hypochlorite.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Hazardous Polymerization Will not occur.

Conditions to Avoid

Excessive heat or flame, or surfaces in excess of 212°F (100°C).

Incompatible materials

Strong oxidants.

Hazardous decomposition products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact	Avoid contact with eyes.
Skin Contact	Avoid contact with skin.
Inhalation	Do not inhale.
Ingestion	Do not ingest.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	-	-
Acid blue 9 3844-45-9	> 2 g/kg (Rat)	-	-
Trade Secret	-	> 2000 mg/kg (Rabbit)	-

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	Please see section 4 of this SDS for symptoms.
-----------------	--

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Serious eye damage/eye irritation	Causes serious eye damage.
--	----------------------------

Carcinogenicity	Group 3 IARC components are "not classifiable as human carcinogens".
------------------------	--

Chemical name	ACGIH	IARC	NTP	OSHA
Acid blue 9 3844-45-9		Group 3		

Legend

*IARC (International Agency for Research on Cancer)
Group 3 IARC components are "not classifiable as human carcinogens"*

Numerical measures of toxicity

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

Oral LD50	66,733.3333 mg/kg
Dermal LD50	66,733.30 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Component Information

Chemical name	Algae/aquatic plants	Fish	Crustacea
Trade Secret		170: 96 h Danio rerio mg/L LC50 semi-static	

Persistence/Degradability

Not determined.

Bioaccumulation

There is no data for this product.

Mobility

Chemical name	Partition coefficient
Acid blue 9 3844-45-9	-6.4

Other Adverse Effects

Not determined

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

14. TRANSPORT INFORMATION**Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

UN/ID No	UN1950
Proper Shipping Name	Aerosols
Hazard class	2.2

IATA

UN number	UN1950
Proper Shipping Name	Aerosols, non-flammable
Transport hazard class(es)	2.2

IMDG

UN number	UN1950
Proper Shipping Name	Aerosols
Transport hazard class(es)	2.2

15. REGULATORY INFORMATION**International Inventories**

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
Water	X	ACTIVE	X	X	X	X	X	X	X
Acid blue 9	X	ACTIVE	X	X	X	X	X	X	X
Trade Secret	X	ACTIVE	X	X	X	X	X	X	X

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**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Acid blue 9 3844-45-9		X	

16. OTHER INFORMATION**NFPA****Health Hazards**

Not determined

Flammability

Not determined

Instability

Not determined

Special Hazards

Not determined

HMIS**Health Hazards**

Not determined

Flammability

Not determined

Physical hazards

Not determined

Personal Protection

Not determined

Issue Date: 06-Apr-2022

Revision Date: 14-Apr-2022

Revision Note: New format

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet