



SAFETY DATA SHEET

NEW POWER

Print Date: 25-Apr-2019

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Version 2

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name New Power

Other means of identification

Synonyms 0418, Water based alkaline cleaner

Recommended use of the chemical and restrictions on use

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Address

Zircon Industries Incorporated
4920 Commerce Parkway #9
Cleveland, OH 44128
216-595-0200

E-mail address

staff@liquidheat.com

Emergency telephone number

Emergency Telephone InfoTrac 1-800-535-5053

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

| | |
|----------------------------------|-------------|
| Irritating to eyes | Category 2A |
| Irritating to skin | Category 2 |
| Irritating to respiratory system | Category 3 |

Label elements

Emergency Overview

WARNING



Hazard statements

Irritating to skin, eyes, and respiratory system. Can be harmful if swallowed.

Precautionary Statements - Prevention

Obtain special instructions before use
 Do not handle until all safety precautions have been read and understood
 Use personal protective equipment as required
 Wash face, hands and any exposed skin thoroughly after handling
 Do not eat, drink or smoke when using this product
 Avoid breathing dust/fume/gas/mist/vapors/spray
 Contaminated work clothing should not be allowed out of the workplace
 Wear protective gloves

Precautionary Statements - Response

IF EXPOSED or concerned: Get medical advice/attention
 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
 IF ON SKIN: Wash with plenty of soap and water
 If skin irritation or rash occurs: Get medical advice/attention
 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
 Rinse mouth

Precautionary Statements - Storage

Store in well-ventilated area

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not Applicable

Unknown Acute Toxicity 0% of the substance or mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

| Chemical Name | CAS No. | Weight-% | Trade Secret |
|------------------------------|------------|----------|--------------|
| 2-Butoxyethanol | 111-76-2 | 10-20 | * |
| Sodium Xylene Sulfonate | 1300-72-7 | 1-3 | * |
| Modified Coco Diethanolamide | 67785-13-1 | 5-10 | * |

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures**General advice**

Seek medical attention if symptoms occur.

Eye contact

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.

Skin Contact

Wash off immediately with soap and plenty of water.

Inhalation

Move to fresh air. Call a physician if symptoms develop or persist..

Ingestion

Rinse mouth. Get medical attention if symptoms occur.

Self-protection of the first aider

Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

Most important symptoms and effects, both acute and delayed**Symptoms**

No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Dry chemical, CO2 or water spray.

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical

During fire, gases hazardous to health may be formed.

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. Keep people away from and upwind of spill/leak.

Environmental precautions

Environmental precautions Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so. Cover powder spill with plastic sheet or tarp to minimize spreading. Dike far ahead of liquid spill for later disposal.

Methods for cleaning up Cover liquid spill with sand, earth or other non-combustible absorbent material.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.
Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children.

Incompatible materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

| Chemical Name | ACGIH (USA) | OSHA PEL | NIOSH IDLH |
|-----------------------------|---|--------------------------|--------------------------|
| 2-butoxyethanol 111-76-2 | 48 mg/m ³ inhalable fraction and vapor | 97 mg/m ³ TWA | 24 mg/m ³ TWA |

Appropriate engineering controls

Engineering Controls Showers
 Eyewash stations
 Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Safety Glasses with Side Shields.

Skin and body protection Wear protective gloves and protective clothing.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with skin, eyes or clothing. Wash hands thoroughly after handling. Keep away from food, drink and animal feeding stuffs.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | | | |
|-----------------------|--------|-----------------------|--------------------------|
| Physical state | liquid | Odor threshold | No information available |
| Appearance | clear | Odor | mild detergent |
| Color | purple | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|--|-------------------|--------------------------|
| pH | 10-12 | |
| Melting point/freezing point | | No information available |
| Boiling point / boiling range | | No information available |
| Flash point | | No information available |
| 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 | | |
| Water solubility | Miscible in water | |
| Solubility in other solvents | | 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 |
| <u>Other Information</u> | | |
| Explosion severity | | |
| Danger of Explosion, cloud | | No information available |
| Minimum Ignition Energy, Cloud, mJ | | No information available |
| KST, (cloud), bar.m.s-1 | | No information available |
| Pmax maximum explosion pressure, Cloud, bar | | No information available |
| VMP, (cloud), bar.s-1 | | No information available |
| LOC Limiting Oxygen Concentration, Cloud, %v/v O2 | | No information available |
| Softening point | | No information available |
| Molecular weight | | No information available |
| Density | | No information available |
| Bulk density | | No information available |
| Specific Gravity | 1.02 | |

10. STABILITY AND REACTIVITY

Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical Stability

Material is stable under normal conditions.

Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

Conditions to avoid

Contact with incompatible materials.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

No hazardous decomposition products are known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

| | | |
|----------------------------|-------------------------------|---------|
| Product Information | Causes serious eye damage. | |
| LD 50 | Rat (oral) + (dermal) | 69mg/kg |
| Inhalation | Not a respiratory sensitizer. | |
| Eye contact | Causes eye irritation. | |
| Skin Contact | Mild – 24 Hours (Rabbit). | |
| Ingestion | Can be harmful if swallowed | |

Information on toxicological effects

Symptoms No information available.

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

Sensitization

Germ cell mutagenicity

Carcinogenicity

No information or data specific to the product on this toxicological (health) effect is available.

Reproductive toxicity

STOT - single exposure

No information or data specific to the product on this toxicological (health) effect is available.

STOT - repeated exposure

No information or data specific to the product on this toxicological (health) effect is available.

Target Organ Effects

Aspiration hazard

Central nervous system, Eyes.

No information or data specific to the product on this toxicological (health) effect is available.

Numerical measures of toxicity - Product Information

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

12. ECOLOGICAL INFORMATION**Ecotoxicity**

| Chemical Name | Fish |
|-----------------|--|
| 2-Butoxyethanol | static test LC50 - Oncorhynchus mykiss (rainbow trout) - 1,474 mg/l - 96 h |

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

No information available

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.

14. TRANSPORT INFORMATION**DOT**

Compounds, cleaning liquid N.O.S.

IATA

Compounds, cleaning liquid N.O.S. Not a Marine Pollutant

IMDG

Compounds, cleaning liquid N.O.S.

CLASS:

8

Packing Group:

III

15. REGULATORY INFORMATION**International Inventories**

| | |
|--------|--------------------------------------|
| AICS | Yes |
| DSL | Yes |
| NDSL | No |
| IECSC | Yes |
| EINECS | Yes |
| ELINCS | No |
| ENCS | Yes |
| KECL | Yes |
| PICCS | Yes |
| TSCA | Yes (Registered Lautenberg 21st act) |
| NZIoC | Yes |

Legend:

AICS - Australian Inventory of Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

IECSC - China Inventory of Existing Chemical Substances

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

NZIoC - New Zealand Inventory of Chemicals

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 % |
|---------------|-------------------------------|
|---------------|-------------------------------|

SARA 311/312 Hazard Categories

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

CERCLA

This material, as supplied, contains no substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

SARA 311/312 Hazardous

No

Classified hazard categories**16. OTHER INFORMATION**

| | | | | |
|--------------------|------------------|----------------|--------------------|------------------------------------|
| <u>NFPA</u> | Health hazards 2 | Flammability 0 | Instability 0 | Physical and Chemical Properties - |
| <u>HMIS</u> | Health hazards 2 | Flammability 0 | Physical hazards 0 | Personal protection B |

Revision Date 25-Apr-2019

Revision Note

[SDS sections updated \(***\) GHS Revision](#)

Disclaimer

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End of Safety Data Sheet