Safety Data Sheet: BLUE WIZARD, 12 X 32 OZ, US FE

Supercedes Date: 11/02/2020 **Issuing Date:** 09/16/2021

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: BLUE WIZARD, 12 X 32 OZ, US FE
Recommended use Cleaning agent
Information on Manufacturer
CERTIFIED LABS, DIV. OF NCH CORP.
BOX 152170
IRVING, TEXAS 75015

Product Code: 5947
Chemical nature Acid
Emergency Telephone
CHEMTREC® 800-424-9300
Telephone inquiry
972-579-2477

2. HAZARD IDENTIFICATION

Color White **Physical state** Paste **Odor** Mint-like

GHS Classification

Physical Hazards
None

Health Hazard

Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 1

Other hazards
None

Labeling
Signal Word
DANGER

Hazard statements
H315 - Causes skin irritation
H318 - Causes serious eye damage

Precautionary Statements
P280 - Wear protective gloves, protective clothing, eye protection and face protection.
P264 - Wash face, hands and any exposed skin thoroughly after handling.
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P332 + P313 - If skin irritation occurs, get medical attention.
P362 - Take off contaminated clothing and wash before reuse.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a physician.
P501 - Dispose of contents and container in accordance with applicable regulations

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
Crystalline Silica (Quartz)	14808-60-7	15-40
Alkylbenzenesulfonic acid (C10-16)	68584-22-5	3-7
Alcohols, C9-11, ethoxylated	68439-46-3	1-5
Titanium dioxide	13463-67-7	0.1-1.0

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

4. FIRST AID MEASURES

General advice Do not get in eyes, on skin or on clothing. Do not breathe mist.
Eye Contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention immediately.
Skin Contact Wipe up with absorbent material (e.g. cloth, fleece). Wash off with soap and plenty of water. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use.
Inhalation No hazards which require special first aid measures.

Ingestion No hazards which require special first aid measures.
Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point Not applicable **Method** Not applicable
Flammability Limits in Air %: Hydrogen, by reaction with metals. **Upper:** 75 **Lower:** 4
Suitable Extinguishing Media
Water spray. Carbon dioxide (CO2). Foam. Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Specific hazards arising from the chemical
Contact with metals may evolve flammable hydrogen gas. Material can create slippery conditions.
Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, NOHSC (approved or equivalent) and full protective gear.

NFPA	**Health** 3	**Flammability** 1	**Instability** 0
HMIS -	**Health** 3	**Flammability** 1	**Physical Hazard** 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.
Environmental precautions Do not flush into surface water or sanitary sewer system.
Methods for Containment Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
Methods for Cleaning Up Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Neutralizing Agent Not applicable.

7. HANDLING AND STORAGE

Handling Do not get in eyes, on skin or on clothing. Do not breathe vapors or spray mist.
Storage Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.
Storage Temperature **Minimum** 37 °F / 3 °C **Maximum** 120 °F / 49 °C
Storage Conditions **Indoor** X **Outdoor** **Heated** **Refrigerated**

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Crystalline Silica (Quartz)	: 0.025 mg/m^3 TWA (respirable fraction)	TWA: 50 µg/m^3	50 mg/m^3 respirable dust TWA: 0.05 mg/m^3 respirable dust
Titanium dioxide	TWA: 10 mg/m^3	TWA: 15 mg/m^3 total dust	5000 mg/m^3 TWA: 2.4 mg/m^3 fine TWA: 0.3 mg/m^3 ultrafine, including engineered nanoscale

Engineering Measures Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should should be achieved by the use of local exhaust ventilation and good general extraction.
Personal Protective Equipment
Eye/Face Protection Tightly fitting safety goggles. Face-shield.
Skin Protection For prolonged or repeated contact, use protective gloves with appropriate chemical resistance.
Respiratory Protection In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
General Hygiene Considerations Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Paste	**Viscosity**	Viscous
Color	White	**Odor**	Mint-like
Odor Threshold	Not applicable	**Appearance**	Opaque
pH	2.0	**Specific Gravity**	1.25
Evaporation Rate	<1 (Butyl acetate=1)	**Percent Volatile (Volume)**	<1.0
VOC Content (%)	0.0015 Exempt Value	**VOC Content (g/L)**	0.02
Vapor pressure	No information available	**Vapor Density**	0.6

Solubility	Negligible	**n-Octanol/Water Partition**	No data available
Melting Point/Range	No data available	**Decomposition Temperature**	No data available
Boiling Point/Range	212 °F / 100 °C	**Flammability (solid, gas)**	No data available
Flash Point	Not applicable	**Method**	Not applicable
Autoignition Temperature	No information available.		
Flammability Limits in Air %:	Hydrogen, by reaction with metals	**Upper:** 75 **Lower:** 4	

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions. Hazardous polymerization does not occur.
Conditions to Avoid	Keep away from open flames, hot surfaces, and sources of ignition, Protect from direct sunlight and extremes of temperatures.
Incompatible Products	None known.
Decomposition Temperature	No data available
Hazardous Decomposition Products	Carbon oxides.
Possibility of Hazardous Reactions	None under normal processing.

11. TOXICOLOGICAL INFORMATION

Product Information No information available.

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

Oral LD50	No information available
Dermal LD50	No information available
Inhalation LC50	
Gas	No information available
Mist	No information available
Vapor	No information available

Principle Route of Exposure	Skin contact, Eye contact.
Primary Routes of Entry	Skin contact.
Acute Effects:	
Eyes	Causes serious eye damage.
Skin	Causes skin irritation.
Inhalation	Low hazard for usual industrial or commercial handling.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic Toxicity	Contains a known or suspected carcinogen. This product contains crystalline silica (quartz) in a non-respirable form. Inhalation of crystalline silica is unlikely to occur from exposure to this product.
Target Organ Effects:	Eyes, Respiratory system.
Aggravated Medical Conditions	Respiratory disorders.

Component Information

Acute Toxicity

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Crystalline Silica (Quartz) 14808-60-7	= 500 mg/kg (Rat)	no data available	no data available	No data available	No data available
Alkylbenzenesulfonic acid (C10-16) 68584-22-5	= 775 mg/kg (Rat)	= 2000 mg/kg (Rabbit)	No data available	No data available	No data available
Alcohols, C9-11, ethoxylated 68439-46-3	1400 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	No data available	No data available	No data available
Titanium dioxide 13463-67-7	> 10000 mg/kg (Rat)	no data available	No data available	No data available	No data available

Chronic Toxicity

Chemical name	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Crystalline Silica (Quartz) 14808-60-7	No data available	No data available	No data available	No data available	Eyes; Respiratory system
Titanium dioxide 13463-67-7	No data available	No data available	No data available	No data available	Respiratory system

Carcinogenicity

Chemical name	ACGIH	IARC	NTP	OSHA	Other
Crystalline Silica (Quartz) 14808-60-7	A2	Group 1	Known	X	Not applicable
Titanium dioxide 13463-67-7	Not applicable	Group 2B	Not applicable	X	Not applicable

*Note: Crystalline silica (quartz) CAS# 140808-60-7 is listed by both IARC and NTP as a human carcinogen when present in the form of respirable quartz. The product as delivered does not contain respirable quartz. This product contains Titanium dioxide which is classified as a possible carcinogen when present as

respirable dust. This is not relevant for this product since it is not in a respirable form.

12. ECOLOGICAL INFORMATION

Product Information No information available.

Additional Ecological Information: No information available

Component Information

Chemical name	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	Partition coefficient
Alkylbenzenesulfonic acid (C10-16)	No information available.	LC50 = 3 mg/L Oncorhynchus mykiss 96 h	EC50 = 5 mg/L 6 h	2.9: 48 h Daphnia magna mg/L EC50	2

Persistence and Degradability No information available.
Bioaccumulation No information available.
Mobility No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal Dispose of in accordance with local regulations.
Container Disposal Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

DOT Not regulated

TDG Not regulated

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION

Inventories
TSCA Complies
DSL Complies
U.S. Federal Regulations

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.

SARA 311/312 Hazardous Categorization
See Section 2

CERCLA

16. OTHER INFORMATION

Prepared By Pamela Starkey
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Reason for Revision No information available.
Glossary No information available.
List of References. No information available.

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