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safety data sheet

Safety Data Sheet: Signal Wash 801

Revision Date: January 2nd, 2024

SECTION 1

PRODUCT AND COMPANY IDENTIFICATION

PRODUCT

Product Name: Signal Wash 801

Intended Use: Cleaner

COMPANY IDENTIFICATION

Supplier: Beacon Lubricants

P.O Box 754

Edinboro, PA 16412

Emergency Telephone: 1-877-734-7334 – Beacon Lubricants, Inc.

Emergency Telephone: 1-800-424-9300 (24 hours) – Chemtrec approval

Website: www.beaconlubricants.com

SECTION 2

HAZARDS IDENTIFICATION

This material is not hazardous according to regulatory guidelines (M)SDS Section 15)

Other hazard information:

HAZARD NOT OTHERWISE CLASSIFIED (HNOC): None as defined under 29 CFR 1900.1200.

PHYSICAL / CHEMICAL HAZARDS

No significant hazards

HEALTH HAZARDS

Corrosive! Causes eye, skin and respiratory tract irritation. Harmful if swallowed or absorbed through skin.

ENVIRONMENTAL HAZARDS

No significant hazards.

NFPA Hazard ID: Health: 3 Flammability: 0 Reactivity: 0

HMIS Hazard ID: Health: 3 Flammability: 0 Reactivity: 0



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Note: This material should not be used for any other purpose than the intended use in Section 1 without expert advice. Health studies have shown that chemical exposure may cause potential human health risks which may vary from person to person.

SECTION 3

COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Substance(s) or Complex Substance(s) required for disclosure

Name	CAS #	Concentration*
Phosphoric acid	7664-38-2	10-30 %
Nonlyphenol ethoxylate	127087-87-0	1-5 %

SECTION 4

FIRST AID MEASURES

INHALATION

Move to fresh air. If symptoms develop and persist, get medical attention.

SKIN CONTACT

wash with soap and water. Remove contaminated clothing and footwear.

EYE CONTACT

Immediately flush eyes with plenty of water for at least 15 minutes. If symptoms develop and persist, get medical attention.

INGESTION

Drink plenty of water. Do not induce vomiting. Get medical attention.

SECTION 5

FIRE FIGHTING MEASURES

Flash point: Aqueous. Does not flash.

Autoignition temperature: N/A

Flammable/Explosive limits – lower: N/A

Flammable/Explosive limits – upper: N/A

Special firefighting procedures: Wear self-contained breathing apparatus.

Unusual fire or explosion hazards: Do not expose to direct heat.



Hazardous combustion products: Acids

SECTION 6

ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions: Dispose of according to Federal, State, and local government regulations. Do not empty into drains/surface water/ground water.

Clean-up methods: Neutralize acid using alkaline type material. Wipe up using absorbent material.

SECTION 7

HANDLING AND STORAGE

Handling:

Avoid skin and eye contact. Keep out of the reach of children. Keep container closed.

Storage: N/A

**SECTION 8
PROTECTION**

EXPOSURE CONTROLS / PERSONAL

Hazardous Components	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Phosphoric acid	1 mg/m ³ TWA 3 mg/m ³ STEL	1 mg/m ³ TWA	None	None
Nonylphenol ethoxylate	None	None	None	None

SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Color: Clear

Odor: Acidic

Odor threshold: N/A



pH: 2.00

Vapor pressure: N/A

Boiling Point Range: N/A

Melting point/range: N/A

Specific gravity: 0.9100

Vapor density: N/A

Flash Point: Aqueous. Does not flash.

Flammable/Explosive limits - lower: N/A

Flammable/Explosive limits – upper: N/A

Autoignition Temp: N/A

Evaporation rate: N/A

Solubility in water: Soluble

Partition coefficient (n-octanol/water): N/A

VOC content: N/A

SECTION 10

STABILITY AND REACTIVITY

Stability: Stable

Hazardous reaction: Will not occur

Hazardous decomposition products: Acid

Incompatible materials: N/A

Conditions to avoid: N/A

SECTION 11

TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

Hazardous Components NTP Carcinogen IARC Carcinogen OSHA Carcinogen



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Phosphoric acid	No	No	No
Nonylphenol ethoxylate	No	No	No

Hazardous Components

Health Effects/Target Organs

Phosphoric acid

Irritant, Corrosive

Nonylphenol ethoxylate

No target organs

SECTION 12

ECOLOGICAL INFORMATION

No data available.

SECTION 13

DISPOSAL CONSIDERATIONS

Recommended method of disposal: Follow all local, state, federal and provincial regulations for disposal.

Hazardous waste number: It is the responsibility of the user to determine if an item is hazardous as defined in the Resource Conservation and Recovery Act (RCRA) at the time of disposal. Product uses, transformations, mixtures, processes, etc., may render the resulting material hazardous, under the criteria of ignitability, corrosivity, reactivity and toxicity characteristics of the toxicity characteristics leaving procedure.

SECTION 14

TRANSPORT INFORMATION

LAND (DOT):

Proper shipping name: Phosphoric acid solution

Hazard class or division: 8

Identification number: UN 1805

Packing group: III

DOT reportable quantity: Phosphoric acid

Exceptions: consumer commodity



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lubricants** INC

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SEA (IMDG): Same as above

AIR (IATA): Same as above

SECTION 15

REGULATORY INFORMATION

OSHA HAZARD COMMUNICATION STANDARD: This material is no considered hazardous in accordance with OSHA HazCom 2012, 29, CFR 1910. 1200.

SECTION 16

OTHER INFORMATION

THIS SAFETY DATA SHEET CONTAINS THE FOLLOWING REVISIONS:

Updates made in accordance with implementations of GHS requirements.

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