

PRODUCT NAME: ABRO Wheel Cleaner
PRODUCT NUMBER/SIZE: WC-160 / 16 oz.

Rev Date: 04/17/2023

SECTION 1
Identification of the Substance and of the Company/Undertaking

MANUFACTURER'S NAME: ABRO INDUSTRIES, INC.

ADDRESS: 3580 Blackthorn Court
South Bend, IN 46628
USA

PRODUCT DESCRIPTION: Wheel Cleaner

COMPANY PHONE: 574-232-8289

EMERGENCY 24-HR TELEPHONE: Chemtrec: US/Canada 1-800-424-9300
International +1-703-527-3887

Recommended use: Automotive Care Product
Restrictions on use: Professional use only. Keep out of reach of children.

SECTION 2
Hazards Identification

Classification:

GHS-US classification (29 CFR 1910.1200): Eye Dam. 1, H318; Skin Corr. 1, H314

Label Pictogram(s):



Signal Word: DANGER

Hazard Phrases: Causes serious eye damage. Causes severe skin burns

Precautionary Phrases: Use under ventilation and wear eye/face protection and gloves. Wash hands and exposed skin after use.

Response: IF ON EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if symptoms develop/persist. IF ON SKIN (or hair): Remove/ take off immediately all contaminated clothing. Rinse skin with water/ shower.

Other: Keep out of reach of children.

SECTION 3

Composition/Information on Ingredients

Substance/mixture: Mixture

Ingredients	CAS No.	% w*
Water	7732-18-5	75-95
Lauramine oxide	1643-20-5	1-5
Tetrasodium ethylenediaminetetraacetate	64-02-8	1-5
Nonionic surfactant	Trade secret	0.1-1

* The exact percentages are withheld as a trade secret in accordance with 29 CFR 1910.1200. No other hazardous ingredients are present in reportable quantities.

SECTION 4

First Aid Measures

General advice: Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Symptoms of poisoning may appear several hours later. Do not leave the victim unattended.

Inhalation: Move person to fresh air and keep at rest in a position comfortable for breathing. If breathing is labored, administer oxygen. If unconscious, place in recovery position and seek medical advice. Consult a physician after significant exposure or if symptoms develop.

Skin contact: Immediately take off all contaminated clothing. Rinse skin with water/shower. If irritation (redness, rash, blistering) develops, get medical attention. Wash contaminated clothing before reuse.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention.

Ingestion: If swallowed immediately call doctor/poison control. Do not give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. If material has been swallowed and exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter lungs.

SECTION 5

Fire Fighting Measures

Extinguishing Media

Suitable extinguishing media: Water spray, carbon dioxide, dry chemical or foam.

Unsuitable extinguishing media: Water-jet.

Special hazards arising from the substance or mixture: Flammable/explosive vapor-air mixture can form in case of insufficient ventilation. Combustion or thermal decomposition will evolve toxic and irritant vapors, including oxides of carbon.

Advice for fire-fighters: Fire-fighters should wear complete protective clothing including self-contained breathing apparatus.

SECTION 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Work under sufficient ventilation. Eliminate all ignition sources if safe to do so. Avoid contact with skin and eyes. Avoid breathing fume/gas/mist/vapors/spray.

Environmental precautions: Prevent release to the environment. Prevent liquid entering sewers, basements and workpits. Collect spills.

Methods and materials for containment and cleaning up: Contain spillages with absorbent material (sand, earth, universal binder or any suitable material). Dispose of absorbed material in accordance with the regulations.

SECTION 7 Handling and Storage

Precautions for safe handling: Keep away from fire, sparks and heated surfaces and don't smoke. Wear protective gloves and protective clothings and eye and face protections. Avoid contact with skin and eyes. Only open container at areas with sufficient ventilation.

Conditions for safe storage, including any incompatibilities: Store at room temperature in tightly closed containers. Prevent contact with heat and ignition sources and oxidizers.

SECTION 8 Exposure Controls/Personal Protection

Ingredients with Exposure Limits: Triethanolamine (CAS: 102-71-6): TLV ACGIH = 5 mg/m3.

Exposure Controls:

Engineering Controls: Always follow good industrial hygiene practices. Adequate ventilation is recommended, especially in confined areas. Ensure easy access to an eyewash and safety shower. If user operation generates dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Personal Protective Equipment:

Consistent with good occupational hygiene practices, personal protective equipment should be used in conjunction with other control measures, including engineering controls, ventilation and isolation. See also Section 5 (Fire-fighting measures) for fire/chemical PPE advice.

Eyes protection: Wear glasses with side shields

Skin Protection: Wear nitrile gloves and body-covering clothing.

Respiratory Protection: In instances of vapor formation and accumulation, wear appropriate certified respiratory equipment (CE, NIOSH), especially if there is a possibility for exceeding the exposure limits listed above.

SECTION 9 Physical and Chemical Properties

Appearance

Physical state

Liquid

Odor

Characteristic faint

Odor threshold

Not available

pH

9-11

Melting point	Not available
Boiling point	Not available
Flash point	>200°F (93.3°C)
Evaporation rate	Not available
Flammability (solid, gas)	Not applicable
Explosive limit ranges:	Not available
Vapor pressure	Not available
Vapor density	Not available
Density	~1 mg/ml
Solubility in Water	Soluble
Solubility (other)	Not available
Partition coefficient: n-octanol/water	Not available
Auto-ignition point	Not available
Decomposition temperature	Not available
Viscosity	<10 cst (water-like)
Explosive properties	Not explosive
Oxidizing properties	Not oxidizing
Other information:	
Volatile organic content	<1% (less exempt materials)

SECTION 10 Stability and Reactivity

Reactivity: Expected to be stable under normal use and storage. Ignition sources or heat may ignite the mixture.

Chemical stability: Expected to be stable under normal use and storage.

Possibility of hazardous reactions: Not expected.

Conditions to avoid: Incompatible materials.

Incompatible materials: Heat, ignition sources, oxidizers.

Hazardous decomposition products: Combustion or thermal decomposition will release toxic and irritant fumes, including oxides of carbon.

SECTION 11 Toxicological Information

The toxicological effects of this mixture have not been measured/tested. Acute toxicity estimates (ATE) for this mixture have been calculated according to relevant OSHA regulations (CFR 1910.1200 App A): Acute oral toxicity: ATE > 2000 mg/kg; Acute dermal toxicity: ATE > 2000 mg/kg. No component of the product is classified as carcinogenic/teratogenic/mutagenic.

Data for individual components:

The following data/information have been reported for the individual components listed in Section 3.

Lauramine oxide (CAS: 1643-20-5): Acute oral toxicity LD50 > 2000 mg/kg (rat); Acute dermal toxicity LD50 > 2000 mg/kg (rabbit). Causes skin irritation and eye damage.

Tetrasodium ethylenediaminetetraacetate (CAS: 67-02-8): Acute oral toxicity LD50 > 300-2000 mg/kg;
Eye irritation: Risk of serious eye damage.

SECTION 12 Ecological Information

The ecological effects of this mixture have not been measured/tested.

Data for individual components:

The following data/information have been reported for the individual components listed in Section 3.

Lauramine oxide (CAS: 1643-20-5): Very toxic to aquatic life. Toxic to aquatic life with long lasting effect. Acute aquatic EC50 algae: 0.19 mg/l, 72 hours. Acute aquatic EC50 daphnia: 3.1 mg/l, 48 hours. Acute aquatic LC50 fish 2.67 mg/l, 96 hours. Expected to biodegrade.

Tetrasodium ethylenediaminetetraacetate (CAS: 67-02-8): Acute oral toxicity LD50 > 300-2000 mg/kg;
Eye irritation: Risk of serious eye damage.

SECTION 13 Disposal Considerations

Waste treatment methods: Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

Additional information: None known.

SECTION 14 Transport Information

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

U.S. DOT UN/ID Number: Not Regulated
Proper shipping name:
Hazard class:
Packing Group:
Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

IMO/IMDG UN/ID Number: Not Regulated
Proper shipping name:
Hazard class:
Packing Group:
Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

ICAO/IATA UN/ID Number:
Proper shipping name:
Hazard Class:
Packing Group:
Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

SECTION 15 Regulatory Information

This product is a "Hazardous Chemical" as defined by the OSHA HCS (Hazard Communication Standard), 29 CFR 1910.1200.

US Federal Regulations

TSCA (Toxic Substance Control Act)

All components are registered in the US EPA TSCA inventory list or are exempted.

SARA Title III (Superfund Amendments and Reauthorization Act)

SARA 302/304 (Extremely Hazardous Substances):

None known.

SARA 311/312 (Hazard Categories):

Acute (immediate): Yes; Chronic: No; Flammable: No; Pressure: No; Reactive: No

SARA 313 (Toxic Chemicals):

None known

CERCLA (Comprehensive Environmental Response, Compensation and Liability Act):

None known

US States Regulations

California Prop 65:

This product is not known to contain any components that are known to the State of California to cause cancer and/or reproductive harm.

SECTION 16 Other Information

We believe all information given is accurate. It is offered in good faith but without guarantee. Since conditions of use are beyond our control, user assumes all responsibility and risk.

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance

upon information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

ABBREVIATIONS:

N/Ap = Not Applicable

ND = Not Determined

N/Av = Not available

Mppcf = Millions of particles per cubic foot

This information is intended to provide interpretative and authoritative information in regard to the subject matter covered as a service to our clients and has been answered to the best of our ability based on the information provided to us. We do not guarantee the accuracy or completeness of any such interpretation or information, however, nor do we warrant that compliance with any advice we provide will guarantee compliance with any legal or regulatory requirements. Our statements or opinions do not convey legal interpretation and government authorities, or legal counsel should be contacted for such a response.