

EAGLE ONE® ALL WHEEL & TIRE
CLEANER
665854

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

Ashland	Regulatory Information Number	1-800-325-3751
P.O. Box 2219	Telephone	614-790-3333
Columbus, OH 43216	Emergency telephone	1-800-ASHLAND (1-800-274-5263)
Product name	EAGLE ONE® ALL WHEEL & TIRE CLEANER	
Product code	665854	
Product Use Description	No data	

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance: liquid, clear

DANGER! MAY BE HARMFUL IF SWALLOWED. MAY BE HARMFUL. MAY CAUSE SEVERE BURNS OF RESPIRATORY AND DIGESTIVE TRACTS. CAUSES SEVERE BURNS OF THE EYES AND SKIN.

Potential Health Effects

Exposure routes

Inhalation, Skin absorption, Skin contact, Eye Contact, Ingestion

Eye contact

Can cause permanent eye injury. Symptoms include stinging, tearing, redness, and swelling of eyes. Can injure the cornea and cause blindness.

Skin contact

Can cause permanent skin damage. Symptoms may include redness, burning, and swelling of skin, burns, and other skin damage.

Ingestion

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Swallowing this material may be harmful or fatal. Symptoms may include severe stomach and intestinal irritation (nausea, vomiting, diarrhea), abdominal pain, and vomiting of blood. Swallowing this material may cause burns and destroy tissue in the mouth, throat, and digestive tract. Low blood pressure and shock may occur as a result of severe tissue injury.

Inhalation

Breathing of vapor or mist is possible. Breathing this material may be harmful or fatal. Symptoms may include severe irritation and burns to the nose, throat, and respiratory tract. Symptoms are not expected at air concentrations below the recommended exposure limits, if applicable (see Section 8.).

Aggravated Medical Condition

Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: Skin, lung (for example, asthma-like conditions)

Symptoms

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: allergic skin reaction (delayed skin rash which may be followed by blistering, scaling and other skin effects), stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways), Cough, Difficulty in breathing, lung edema (fluid buildup in the lung tissue), lung damage, damage to the mouth, throat, and/or airways, shock

Target Organs

Frequent ingestion of silicates over long periods of time is associated with the formation of stones in the kidney and urinary tract in humans.

Carcinogenicity

This material is not listed as a carcinogen by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or the Occupational Safety and Health Administration (OSHA).

Reproductive hazard

This material (or a component) has been shown to cause harm to the fetus in laboratory animal studies. The relevance of these findings to humans is uncertain. Ethylenediamine tetraacetic acid (EDTA) and its sodium salts have been reported to cause birth defects in laboratory animals. Birth defects occurred only at exposure levels that harmed the pregnant animal. These effects are likely associated with zinc deficiency due to the removal of zinc from the body by EDTA.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components	CAS-No.	Concentration
ALCOHOLS, C6-12, ETHOXYLATED	68439-45-2	>=5-<10%
SODIUM XYLENE SULFONATE	1300-72-7	>=5-<10%
SODIUM METASILICATE	6834-92-0	>=1.5-<5%
SODIUM 1-OCTANESULFONATE	5324-84-5	>=1.5-<5%
ETHYLENEDIAMINETETRAACETIC ACID, TETRASODIUM SALT	64-02-8	>=1.5-<5%

4. FIRST AID MEASURES

Eyes

If material gets into the eyes, immediately flush eyes gently with water for at least 15 minutes while holding eyelids apart. If symptoms develop as a result of vapor exposure, immediately move individual away from exposure and into fresh air before flushing as recommended above. Seek immediate medical attention.

Skin

Immediately flush skin with water for at least 15 minutes while removing contaminated clothing and shoes. Seek immediate medical attention. Wash clothing before reuse and discard contaminated shoes.

Ingestion

Seek immediate medical attention. Do not induce vomiting. Vomiting will cause further damage to the mouth and throat. If individual is conscious and alert, immediately rinse mouth with water and give milk or water to drink. If possible, do not leave individual unattended.

Inhalation

If symptoms develop, immediately move individual away from exposure and into fresh air. Seek immediate medical attention; keep person warm and quiet. If person is not breathing, begin artificial respiration. If breathing is difficult, administer oxygen.

Notes to physician

Hazards: No information available.

Treatment: No information available.

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5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Dry chemical, Carbon dioxide (CO₂), Water spray

Hazardous combustion products

carbon dioxide and carbon monoxide, Sulphur oxides, Hydrogen, toxic fumes, Ammonia, nitrogen oxides (NO_x)

Precautions for fire-fighting

Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA). Use water spray to cool fire exposed containers and structures until fire is out if it can be done with minimal risk. Avoid spreading burning material with water used for cooling purposes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

For personal protection see section 8. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

Environmental precautions

Prevent spreading over a wide area (e.g. by containment or oil barriers). Do not let product enter drains. Do not flush into surface water or sanitary sewer system.

Methods for cleaning up

Keep in suitable, closed containers for disposal. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

Other information

Comply with all applicable federal, state, and local regulations.

7. HANDLING AND STORAGE

Handling

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. Containers of this material may be hazardous when emptied. Since emptied containers retain

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product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

Storage

Store in closed containers in a dry, well-ventilated area. Keep containers closed when not in use. Store in a cool, dry, ventilated area, away from incompatible substances. Store in a cool, dry, ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

General advice

These recommendations provide general guidance for handling this product. Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

Exposure controls

Mechanical ventilation systems used to ventilate corrosive storage or process areas must be designed with components that are corrosion resistant.

Eye protection

Wear chemical splash goggles and face shield when there is potential for exposure of the eyes or face to liquid, vapor or mist. Maintain eye wash station in immediate work area.

Skin and body protection

Wear appropriate chemical impervious clothing and boots whenever there is potential for skin contact with product. Launder clothing before reuse. Maintain safety shower at all locations where skin contact could occur. Contact your local safety equipment supplier to assist the facility in determining proper selection of personal protective equipment for the applications/operations present at your facility. Wear resistant gloves (consult your safety equipment supplier). Discard gloves that show tears, pinholes, or signs of wear.

Respiratory protection

A NIOSH-approved air-purifying respirator with an appropriate cartridge and/or filter may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits (if applicable) or if overexposure has otherwise been determined. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential

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for uncontrolled release, exposure levels are not known or any other circumstances where an air-purifying respirator may not provide adequate protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	liquid
Form	no data available
Colour	clear
Odour	no data available
Boiling point/boiling range	212 °F / 100 °C @ 1,013.23 hPa
Melting point/range	no data available
Sublimation point	no data available
pH	13.5
Flash point	not applicable
Ignition temperature	no data available
Evaporation rate	no data available
Lower explosion limit/Upper explosion limit	no data available
Particle size	no data available
Vapour pressure	60.527 hPa @ 77 °F / 25 °C Calculated Vapor Pressure
Relative vapour density	no data available
Density	1.050 g/cm ³ 8.80 lb/gal
Bulk density	No data
Water solubility	completely miscible
Solubility	no data available
Partition coefficient: n-octanol/water	no data available
log Pow	no data available
Autoignition temperature	no data available
Viscosity, dynamic	no data available
Viscosity, kinematic	no data available
Solids in Solution	no data available
Decomposition temperature	no data available
Burning number	no data available
Dust explosion constant	no data available
Minimum ignition energy	no data available

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10. STABILITY AND REACTIVITY

Stability

Stable.

Conditions to avoid

excessive heat

Incompatible products

Acids, aluminum, aluminum salts, Copper, Copper alloys, Lead, Nickel, Oxidizing agents, reactive metals such as aluminum and magnesium, steel, Strong bases, Tin, water, Zinc

Hazardous decomposition products

carbon dioxide and carbon monoxide, Sulphur oxides, Hydrogen, Ammonia, nitrogen oxides (NO_x), toxic fumes

Hazardous reactions

Product will not undergo hazardous polymerization.

Thermal decomposition

No data

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity

ALCOHOLS, C6-12, ETHOXYLATED : LD 50 Rat: > 528 mg/kg

SODIUM XYLENE SULFONATE : LD 50 Rat: 4,000 mg/kg

SODIUM METASILICATE : LD 50 Rat: 1,153 mg/kg

SODIUM 1-OCTANESULFONATE : no data available

ETHYLENEDIAMINETETRAACETIC ACID, TETRASODIUM SALT : LD 50 Rat: 630 - 1,260 mg/kg

Acute inhalation toxicity

ALCOHOLS, C6-12, ETHOXYLATED : no data available

SODIUM XYLENE SULFONATE : no data available

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SODIUM METASILICATE : no data available

SODIUM 1-OCTANESULFONATE : no data available

ETHYLENEDIAMINETETRAACETIC ACID,
TETRASODIUM SALT : no data available

Acute dermal toxicity

ALCOHOLS, C6-12, ETHOXYLATED : no data available

SODIUM XYLENE SULFONATE : no data available

SODIUM METASILICATE : no data available

SODIUM 1-OCTANESULFONATE : no data available

ETHYLENEDIAMINETETRAACETIC ACID,
TETRASODIUM SALT : LD 50 Rabbit: > 5,000 mg/kg

12. ECOLOGICAL INFORMATION

Biodegradability

ALCOHOLS, C6-12, ETHOXYLATED : no data available

SODIUM XYLENE SULFONATE : no data available

SODIUM METASILICATE : no data available

SODIUM 1-OCTANESULFONATE : no data available

ETHYLENEDIAMINETETRAACETIC ACID,
TETRASODIUM SALT : no data available

Bioaccumulation

ALCOHOLS, C6-12, ETHOXYLATED : no data available

SODIUM XYLENE SULFONATE : no data available

SODIUM METASILICATE : no data available

SODIUM 1-OCTANESULFONATE : no data available

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ETHYLENEDIAMINETETRAACETIC ACID,
TETRASODIUM SALT : no data available

Ecotoxicity effects

Toxicity to fish

ALCOHOLS, C6-12, ETHOXYLATED : no data available

SODIUM XYLENE SULFONATE : no data available

SODIUM METASILICATE : no data available

SODIUM 1-OCTANESULFONATE : no data available

ETHYLENEDIAMINETETRAACETIC ACID,
TETRASODIUM SALT : 96 h LC 50 Bluegill (*Lepomis macrochirus*): 472.00 -
500.00 mg/l Method: Static; Mortality

Toxicity to daphnia and other aquatic invertebrates.

ALCOHOLS, C6-12, ETHOXYLATED : no data available

SODIUM XYLENE SULFONATE : no data available

SODIUM METASILICATE : no data available

SODIUM 1-OCTANESULFONATE : no data available

ETHYLENEDIAMINETETRAACETIC ACID,
TETRASODIUM SALT : 24 h EC 50 Water flea (*Daphnia magna*): 570.00 -
640.00 mg/l Mortality

Toxicity to algae

ALCOHOLS, C6-12, ETHOXYLATED : no data available

SODIUM XYLENE SULFONATE : no data available

SODIUM METASILICATE : no data available

SODIUM 1-OCTANESULFONATE : no data available

ETHYLENEDIAMINETETRAACETIC ACID,
TETRASODIUM SALT : no data available

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Toxicity to bacteria

ALCOHOLS, C6-12, ETHOXYLATED : no data available
SODIUM XYLENE SULFONATE : no data available
SODIUM METASILICATE : no data available
SODIUM 1-OCTANESULFONATE : no data available
ETHYLENEDIAMINETETRAACETIC ACID,
TETRASODIUM SALT : no data available

Biochemical Oxygen Demand (BOD)

ALCOHOLS, C6-12, ETHOXYLATED : no data available
SODIUM XYLENE SULFONATE : no data available
SODIUM METASILICATE : no data available
SODIUM 1-OCTANESULFONATE : no data available
ETHYLENEDIAMINETETRAACETIC ACID,
TETRASODIUM SALT : no data available

Chemical Oxygen Demand (COD)

ALCOHOLS, C6-12, ETHOXYLATED : no data available
SODIUM XYLENE SULFONATE : no data available
SODIUM METASILICATE : no data available
SODIUM 1-OCTANESULFONATE : no data available
ETHYLENEDIAMINETETRAACETIC ACID,
TETRASODIUM SALT : no data available

Additional ecological information

ALCOHOLS, C6-12, ETHOXYLATED : no data available
SODIUM XYLENE SULFONATE : no data available
SODIUM METASILICATE : no data available

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SODIUM 1-OCTANESULFONATE : no data available

ETHYLENEDIAMINETETRAACETIC ACID,
TETRASODIUM SALT : no data available

13. DISPOSAL CONSIDERATIONS

Waste disposal methods

Dispose of in accordance with all applicable local, state and federal regulations. For assistance with your waste management needs - including disposal, recycling and waste stream reduction, contact Ashland Distribution's Environmental Services Group at 800-637-7922.

14. TRANSPORT INFORMATION

REGULATION

ID NUMBER	PROPER SHIPPING NAME	*HAZARD CLASS	SUBSIDIARY HAZARDS	PACKING GROUP	MARINE POLLUTANT / LTD. QTY.
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MEXICAN REGULATION FOR THE LAND TRANSPORT OF HAZARDOUS MATERIALS AND WASTES

UN	LIQUIDO CORROSIVO, BASICO, INORGANICO, N.E.P. (SODIUM METASILICATE)	8		III	
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INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER

UN	Corrosive liquid, basic, inorganic, n.o.s. (SODIUM METASILICATE)	8		III	
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INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO

UN	Corrosive liquid, basic, inorganic, n.o.s. (SODIUM METASILICATE)	8		III	
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INTERNATIONAL MARITIME DANGEROUS GOODS

UN	3266 CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (SODIUM METASILICATE)	8		III	LIMITED QUANTITY
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TRANSPORT CANADA - INLAND WATERWAYS

UN	3266	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (SODIUM METASILICATE)	8	III
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TRANSPORT CANADA - RAIL

UN	3266	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (SODIUM METASILICATE)	8	III
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TRANSPORT CANADA - ROAD

UN	3266	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (SODIUM METASILICATE)	8	III
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U.S. DOT - INLAND WATERWAYS

	3266	ORM-D, CONSUMER COMMODITY	ORM	
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U.S. DOT - RAIL

	3266	ORM-D, CONSUMER COMMODITY	ORM	
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U.S. DOT - ROAD

	3266	ORM-D, CONSUMER COMMODITY	ORM	
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*ORM = ORM-D, CBL = COMBUSTIBLE LIQUID

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

15. REGULATORY INFORMATION

California Prop. 65

WARNING! This product contains a chemical known to the State of California to cause cancer.	FORMALDEHYDE
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SARA Hazard Classification

Acute Health Hazard

New Jersey RTK Label Information

WATER	7732-18-5
ALCOHOLS, C6-12, ETHOXYLATED	68439-45-2
SODIUM XYLENE SULFONATE	1300-72-7
SURFACTANT	
SODIUM METASILICATE	6834-92-0

Pennsylvania RTK Label Information

WATER	7732-18-5
ALCOHOLS, C6-12, ETHOXYLATED	68439-45-2
SODIUM XYLENE SULFONATE	1300-72-7
SURFACTANT	
SODIUM METASILICATE	6834-92-0

Notification status

US. Toxic Substances Control Act	y (positive listing)
Canada. Canadian Environmental Protection Act (CEPA).	y (positive listing)
Domestic Substances List (DSL). (Can. Gaz. Part II, Vol. 133)	
Australia. Industrial Chemical (Notification and Assessment) Act	y (positive listing)
New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand	n (Negative listing)
Japan. Kashin-Hou Law List	y (positive listing)
Korea. Toxic Chemical Control Law (TCCL) List	y (positive listing)
Philippines. The Toxic Substances and Hazardous and Nuclear Waste Control Act	y (positive listing)
China. Inventory of Existing Chemical Substances	y (positive listing)

	HMIS	NFPA
Health	3	3
Flammability	0	0
Physical hazards	0	
Instability		0
Specific Hazard	--	--

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16. OTHER INFORMATION

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This MSDS has been prepared by Ashland's Environmental Health and Safety Department (1-800-325-3751).