

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 number	1-800-ASHLAND (1-800-274-5263)
Product name	Eagle One™ ALL WHEEL & TIRE CLEANER	
Product code	665854	

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

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

Eagle One™ ALL WHEEL & TIRE CLEANER
665854

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

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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Eagle One™ ALL WHEEL & TIRE CLEANER
665854

Hazardous Components	CAS-No. / Trade Secret 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.

5. FIREFIGHTING MEASURES

Eagle One™ ALL WHEEL & TIRE CLEANER
665854

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.

NFPA Flammable and Combustible Liquids Classification

not applicable

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.

Eagle One™ ALL WHEEL & TIRE CLEANER
665854

Storage

Store in a cool, dry, ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Contains no substances with occupational exposure limit values.

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

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects. 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

Respiratory protection is not required under normal conditions of use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Eagle One™ ALL WHEEL & TIRE CLEANER
665854

Physical state	liquid
Colour	clear
Boiling point/boiling range	212 °F / 100 °C @ 1,013.23 hPa
pH	13.5
Flash point	not applicable
Vapour pressure	60.527 hPa @ 77 °F / 25 °C Calculated Vapor Pressure
Density	1.050 g/cm ³
	8.80 lb/gal
Water solubility	completely miscible

10. STABILITY AND REACTIVITY

Stability

Stable.

Conditions to avoid

excessive heat

Incompatible products

Acids, aluminum salts, Copper, Copper alloys, Lead, Nickel, Oxidizing agents, Strong bases, Tin, 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.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity

Acute oral toxicity - : no data available
Product

Eagle One™ ALL WHEEL & TIRE CLEANER
665854

Acute oral toxicity - Components

ALCOHOLS, C6-12, ETHOXYLATED	: LD 50: > 528 mg/kg Species: Rat
SODIUM XYLENE SULFONATE	: LD 50: > 7,000 mg/kg Species: Rat
SODIUM METASILICATE	: LD 50: 1,153 mg/kg Species: Rat
ETHYLENEDIAMINETE TRAACETIC ACID, TETRASODIUM SALT	: LD 50: 1,780 mg/kg Species: Rat

Acute inhalation toxicity

Acute inhalation toxicity - Product	: no data available
--	---------------------

Acute inhalation toxicity - Components

ETHYLENEDIAMINETE TRAACETIC ACID, TETRASODIUM SALT	: LOAEC: 30 mg/m ³ Exposure time: 6 h Species: Rat Method: OECD Test Guideline 403 Remarks: Information given is based on data obtained from similar substances.
--	---

Acute dermal toxicity

Acute dermal toxicity - Product	: no data available
------------------------------------	---------------------

Acute dermal toxicity - Components

SODIUM XYLENE SULFONATE	: LD 50: > 2,000 mg/kg Species: Rabbit
ETHYLENEDIAMINETE TRAACETIC ACID, TETRASODIUM SALT	: LD 50: > 5,000 mg/kg Species: Rabbit

Acute toxicity (other routes of administration)

Acute toxicity (other routes of administration)	: no data available
--	---------------------

12. ECOLOGICAL INFORMATION

Eagle One™ ALL WHEEL & TIRE CLEANER
665854

Biodegradability

Biodegradability - Product : no data available

Bioaccumulation

Bioaccumulation - Product : no data available

Ecotoxicity effects

Toxicity to fish

Toxicity to fish - Product : no data available

Toxicity to fish - Components

ETHYLENEDIAMINETE : LC 50: 792 mg/l
TRAACETIC ACID, Exposure time: 96 h
TETRASODIUM SALT Species: Bluegill (*Lepomis macrochirus*)

Toxicity to daphnia and other aquatic invertebrates

Toxicity to daphnia and other aquatic invertebrates - Product : no data available

Toxicity to daphnia and other aquatic invertebrates - Components

ETHYLENEDIAMINETE : EC 50: 140 mg/l
TRAACETIC ACID, Exposure time: 48 h
TETRASODIUM SALT Species: Water flea (*Daphnia magna*)

Toxicity to algae

Toxicity to algae - Product : no data available

Toxicity to algae - Components

ETHYLENEDIAMINETE : ErC50: 2.77 mg/l
TRAACETIC ACID, Exposure time: 72 h
TETRASODIUM SALT Species: *Desmodesmus subspicatus* (green algae)

Toxicity to bacteria

Eagle One™ ALL WHEEL & TIRE CLEANER
665854

Toxicity to bacteria - Product	: no data available
-----------------------------------	---------------------

13. DISPOSAL CONSIDERATIONS

Waste disposal methods

Dispose of in accordance with all applicable local, state and federal regulations.

14. TRANSPORT INFORMATION

REGULATION

ID NUMBER	PROPER SHIPPING NAME	*HAZARD CLASS	SUBSIDIARY HAZARDS	PACKING GROUP	MARINE POLLUTANT / LTD. QTY.
-----------	----------------------	---------------	--------------------	---------------	------------------------------

U.S. DOT - ROAD

	ORM-D, CONSUMER COMMODITY	ORM			
--	---------------------------	-----	--	--	--

U.S. DOT - RAIL

	ORM-D, CONSUMER COMMODITY	ORM			
--	---------------------------	-----	--	--	--

U.S. DOT - INLAND WATERWAYS

	ORM-D, CONSUMER COMMODITY	ORM			
--	---------------------------	-----	--	--	--

TRANSPORT CANADA - ROAD

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

TRANSPORT CANADA - RAIL

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

Eagle One™ ALL WHEEL & TIRE CLEANER
665854

TRANSPORT CANADA - INLAND WATERWAYS

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

INTERNATIONAL MARITIME DANGEROUS GOODS

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

INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO

UN	3266	Corrosive liquid, basic, inorganic, n.o.s. (SODIUM METASILICATE)	8	III	
----	------	--	---	-----	--

INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER

UN	3266	Corrosive liquid, basic, inorganic, n.o.s. (SODIUM METASILICATE)	8	III	
----	------	--	---	-----	--

MEXICAN REGULATION FOR THE LAND TRANSPORT OF HAZARDOUS MATERIALS AND WASTES

UN	3266	LIQUIDO CORROSIVO, BASICO, INORGANICO, N.E.P. (SODIUM METASILICATE)	8	III	
----	------	---	---	-----	--

*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 Proposition 65 warnings are not required for this product based on the results of a risk assessment.

Eagle One™ ALL WHEEL & TIRE CLEANER
665854

SARA Hazard Classification

SARA 311/312 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). Domestic Substances List (DSL). (Can. Gaz. Part II, Vol. 133)	y (positive listing)
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



SAFETY DATA SHEET

Revision Date: 09/17/2012

Print Date: 8/22/2013

MSDS Number: R0377082

Version: 1.22

Eagle One™ ALL WHEEL & TIRE CLEANER
665854

Specific Hazard	--	--
-----------------	----	----

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).