

SAFETY DATA SHEET

Revision Date: 09/15/2011
Print Date: 5/11/2012
MSDS Number: 000000214051
Version: 1.0

Eagle One™ ENVIROSHINE ALL WHEEL &
TIRE CLEANER
801781

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

Ashland P.O. Box 2219 Columbus, OH 43216	Regulatory Information Number Telephone Emergency telephone number	1-800-325-3751 614-790-3333 1-800-ASHLAND (1-800-274-5263)
Product name	Eagle One™ ENVIROSHINE ALL WHEEL & TIRE CLEANER	
Product code	801781	

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance: liquid, clear

WARNING! CAUSES EYE IRRITATION. CAUSES SKIN AND RESPIRATORY TRACT IRRITATION. MAY BE HARMFUL IF SWALLOWED.

Potential Health Effects

Exposure routes

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

Eye contact

Can cause severe eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes. Can injure eye tissue.

Skin contact

Can cause severe skin irritation. Symptoms may include redness and burning of skin, and other skin damage.

Ingestion

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Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful.

Inhalation

It is possible to breathe this material under certain conditions of handling and use (for example, during heating, spraying, or stirring). Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. 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: bleaching of skin and hair, Blistering, stomach or intestinal upset (nausea, vomiting, diarrhea), thirst, irritation (nose, throat, airways), Nose bleeding, Abdominal pain, Shortness of breath, hole formation in the nasal septum

Target Organs

Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals: lung damage, Overexposure to this material (or its components) has been suggested as a cause of the following effects in humans: effects on lung function

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 was not harmful to the fetus in laboratory animal studies., There are no data available for assessing risk to the fetus from maternal exposure to this material.

3. COMPOSITION/INFORMATION ON INGREDIENTS

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Hazardous Components	CAS-No. / Trade Secret No.	Concentration
SODIUM CARBONATE	497-19-8	>=1.5-<5%
ALCOHOLS, C9-11, ETHOXYLATED	68439-46-3	>=1.5-<5%
SODIUM 1-OCTANESULFONATE	5324-84-5	>=1.5-<5%
LAURYL DIMETHYLAMINE OXIDE	1643-20-5	>=1-<1.5%
SODIUM GLUCOHEPTONATE DIHYDRATE	31138-65-5	>=1-<1.5%

4. FIRST AID MEASURES

Eyes

If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

Skin

Remove contaminated clothing. Flush exposed area with large amounts of water. If skin is damaged, seek immediate medical attention. If skin is not damaged and symptoms persist, seek medical attention. Launder clothing before reuse.

Ingestion

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

Inhalation

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

Notes to physician

Hazards: No information available.

Treatment: No information available.

5. FIRE-FIGHTING MEASURES

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Suitable extinguishing media

Dry chemical, Carbon dioxide (CO₂), Water spray

Hazardous combustion products

Ammonia, carbon dioxide and carbon monoxide, nitrogen oxides (NO_x), Sodium oxides

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

Combustible Liquid Class IIIB

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

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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.

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.

Eye protection

Wear chemical splash goggles when there is the potential for exposure of the eyes to liquid, vapor or mist. Maintain eye wash station near 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

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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 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
Colour	clear, brown
pH	(ca.) 11
Flash point	> 201 °F / > 94 °C Calculated Flash Point
Density	1.0509 g/cm ³ @ 68 °F / 20 °C

10. STABILITY AND REACTIVITY

Stability

Stable.

Conditions to avoid

Exposure to moisture.

Incompatible products

Acids, aluminum, Copper, Copper alloys, Fluorine, lithium, Reducing agents, Strong bases, Strong oxidizing agents, Do not use with aluminum equipment at temperatures above 120 degrees F.

Hazardous decomposition products

carbon dioxide and carbon monoxide, nitrogen oxides (NO_x), Sodium oxides, Ammonia

Hazardous reactions

Product will not undergo hazardous polymerization.

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11. TOXICOLOGICAL INFORMATION

Acute oral toxicity

Acute oral toxicity - Product : no data available

Acute oral toxicity - Components

SODIUM CARBONATE : LD 50: 2,800 mg/kg Species: Rat

ALCOHOLS, C9-11, ETHOXYLATED : LD 50: 1.4 g/kg Species: Rat

LAURYL DIMETHYLAMINE OXIDE : LD 50: 2,700 mg/kg Species: Mouse

Acute inhalation toxicity

Acute inhalation toxicity - Product : no data available

Acute inhalation toxicity - Components

SODIUM CARBONATE : LC 50: 2,300 mg/m³ Exposure time: 2 h Species: Rat

Acute dermal toxicity

Acute dermal toxicity - Product : no data available

Acute dermal toxicity - Components

ALCOHOLS, C9-11, ETHOXYLATED : LD 50: > 5 g/kg Species: Rabbit

Acute toxicity (other routes of administration)

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

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12. ECOLOGICAL INFORMATION

Biodegradability

Biodegradability - Product : no data available

Biodegradability - Components

ALCOHOLS, C9-11, : Remarks: Readily biodegradable
ETHOXYLATED

Bioaccumulation

Bioaccumulation - Product : no data available

Ecotoxicity effects

Toxicity to fish

Toxicity to fish - Product : no data available

Toxicity to fish - Components

SODIUM CARBONATE : LC 50: 300 mg/l
Exposure time: 96 h
Species: Bluegill (*Lepomis macrochirus*)
Method: Static
Remarks: Mortality

ALCOHOLS, C9-11, : LC 50: 8.5 - 17 mg/l
ETHOXYLATED Exposure time: 96 h
Species: Fathead minnow (*Pimephales promelas*)
Method: Renewal
Remarks: Mortality

Toxicity to daphnia and other aquatic invertebrates.

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

Toxicity to daphnia and other aquatic invertebrates. - Components

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SODIUM CARBONATE	: LC 50: 265 mg/l Exposure time: 48 h Species: Water flea (Daphnia magna) Method: Static Remarks: Mortality
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ALCOHOLS, C9-11, ETHOXYLATED	: EC 50: 2.9 - 8.5 mg/l Exposure time: 48 h Species: Water flea (Daphnia magna) Method: Renewal Remarks: Intoxication
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Toxicity to algae

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

Toxicity to bacteria - Product	: no data available
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13. DISPOSAL CONSIDERATIONS

Waste disposal methods

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

14. TRANSPORT INFORMATION

REGULATION

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

Not dangerous goods

U.S. DOT - RAIL

Not dangerous goods

U.S. DOT - INLAND WATERWAYS

Not dangerous goods

TRANSPORT CANADA - ROAD

Not dangerous goods

TRANSPORT CANADA - RAIL

Not dangerous goods

TRANSPORT CANADA - INLAND WATERWAYS

Not dangerous goods

INTERNATIONAL MARITIME DANGEROUS GOODS

Not dangerous goods

INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO

Not dangerous goods

INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER

Not dangerous goods

MEXICAN REGULATION FOR THE LAND TRANSPORT OF HAZARDOUS MATERIALS AND WASTES

Not dangerous goods

*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.

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15. REGULATORY INFORMATION

California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SARA Hazard Classification

SARA 311/312 Classification

Acute Health Hazard

SARA 313 Component(s)

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

New Jersey RTK Label Information

WATER	7732-18-5
SODIUM CARBONATE	497-19-8
SURFACTANT	
ALCOHOLS, C9-11, ETHOXYLATED	68439-46-3
SODIUM 1-OCTANESULFONATE	5324-84-5

Pennsylvania RTK Label Information

WATER	7732-18-5
SODIUM CARBONATE	497-19-8
SURFACTANT	

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)

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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	n (Negative listing)
China. Inventory of Existing Chemical Substances	y (positive listing)

	HMIS	NFPA
Health	2	2
Flammability	1	1
Physical hazards	0	
Instability		0
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).