

## ACTION

Page 1 of 5  
Date prepared: 11 April 2016  
MSDS : ACTION SDS GHS

## 1. IDENTIFICATION

### Product Identifier

Product Name ACTION

### Recommended use of the chemical and restrictions on use

Recommended use Cleaner - vehicle exterior  
Restrictions on use For industrial use only

### Supplier details

West Penetone Inc.  
11411-160 Street  
Edmonton, AB,  
T5M3T7  
Tel: 780-454-3919

### Emergency Telephone Number

Canutec (613)-996-6666

## 2. HAZARDS IDENTIFICATION

### Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Reproductive toxicity	Category 1B
Hazardous to the aquatic environment, acute hazard	Category 3

### Label Elements

#### DANGER

#### Hazard Statements

Causes skin irritation  
Causes serious eye irritation  
May damage fertility or the unborn child  
Harmful to aquatic life



### Precautionary Statements - Prevention

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Wash face, hands and any exposed skin thoroughly after handling.  
Avoid release to the environment.  
Wear protective gloves/protective clothing/eye protection/face protection.

### Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists, get medical advice/attention.  
IF ON SKIN: Wash with plenty of water. If skin irritation occurs, get medical advice/attention. Take off contaminated clothing and wash it before re-use.  
IF exposed or concerned: get medical advice/attention.

### Precautionary Statements - Storage

Store locked up.

### Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant according to local, provincial/federal regulations.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No	Weight %
tetrasodium ethylenediaminetetraacetate	64-02-8	1-5
alcohols, C9-C11, ethoxylated	68439-46-3	1-5
PEG 15 cocomonium chloride	61791-10-4	1-5
C6-12 alkyl alcohol ethoxylated phosphoric acid	68921-24-4	0.5-1.5
sodium dodecylbenzene sulfonate	25155-30-0	0.5-1.5
fatty acids, C12-18, Me esters, sulfonated, sodium salts	149458-07-1	0.1-1.0
lauramine oxide	1643-20-5	0.1-1.0

**4. FIRST AID MEASURES**

<b>Eye contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
<b>Skin contact</b>	Wash with plenty of water. If skin irritation occurs, get medical advice/attention. Take off contaminated clothing and wash it before re-use.
<b>Inhalation</b>	If difficulties occur after mist/vapors/spray has been inhaled, remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel concerned or unwell.
<b>Ingestion</b>	Rinse mouth. Remove person to fresh air and keep at rest in a position comfortable for breathing. Do not induce vomiting unless directed by medical personnel. Call a POISON CENTER or doctor/physician if you feel concerned or unwell.

**Most important symptoms and effects, both acute and delayed**

Contact with eyes may cause stinging, tearing, redness, swelling, and blurred vision. Contact with skin may cause irritation with local redness. See Section 2 for possible delayed effects.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**

None.

**Specific hazards arising from the chemical**

During fire, gases hazardous to health may be formed including oxides of carbon, nitrogen, and sulfur and other irritating gases.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Use appropriate containment to avoid environmental contamination.

**Environmental Precautions**

Avoid discharge into drains/surface waters/groundwater.

**Methods and material for containment and cleaning up**

Contain and solidify with inert absorbent materials. Keep in suitable, closed containers for disposal. Following product recovery, flush area with water. For large spills, stop flow of material, prevent product from entering drains, and pump off product where this is without risk and possible. Proceed as above.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

**Handling** Avoid contact with skin and eyes. Do not handle until all safety precautions or special instructions have been read and understood.

### Conditions for safe storage, including any incompatibilities

**Storage** Store locked up away from incompatible materials.

**Incompatible Materials** Acids, strong oxidizing agents

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

No known exposure limits noted for ingredient(s).

### Appropriate engineering controls

**Engineering Controls** Under the intended modes of use, exposure control measures are not required.

### Individual protection measures, such as personal protective equipment

**Eye/face Protection** Under the intended modes of use, eye or face protection not normally required.

**Skin and body protection** Under the intended modes of use, skin or body protection not normally required.

**Respiratory Protection** Under the intended modes of use, personal respiratory equipment not normally required.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice. Routinely wash work clothing to remove contaminants.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### **APPEARANCE :**

Clear, purple liquid

### **ODOR**

Detergent

### **ODOR THRESHOLD :**

Not applicable

### **pH :**

8.70-8.90

### **MELTING POINT / FREEZING POINT :**

Approx. 0°C

### **BOILING POINT/BOILING RANGE :**

Approx. 100°C

### **FLASH POINT :**

None

### **EVAPORATION RATE, water = 1 :**

1

### **FLAMMABILITY (SOLID, GAS):**

Not applicable

### **VAPOR PRESSURE, mm Hg AT 20°C :**

Not applicable

### **VAPOR DENSITY (Air = 1) :**

Not applicable

### **RELATIVE DENSITY AT 20°C:**

1.027-1.033

### **SOLUBILITY IN WATER :**

Complete

### **PARTITION COEFFICIENT, N-OCTANOL/WATER :**

Not available

### **AUTO-IGNITION TEMPERATURE :**

None

### **DECOMPOSITION TEMPERATURE:**

Not available

### **VISCOSITY:**

Not available

### **FLAMMABLE LIMITS :**

**UPPER:** Not applicable **LOWER :** Not applicable

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive.

### Chemical Stability

Stable under normal conditions.

### Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to Avoid**

Store away from incompatible materials.

**Incompatible Materials**

Strong oxidizing materials, acids, amphoteric or light metals.

**Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decompositions can lead to release of irritating gases and vapors such as oxides of carbon, nitrogen, and sulfur as well as other low molecular weight hydrocarbons.

**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
tetrasodium ethylenediaminetetraacetate 64-02-8	>1780-<2000 mg/kg (rat)	Not listed	>1 mg/L (aerosol) (rat) – 6 h
alcohols, C9-C11, ethoxylated 68439-46-3	>2000 mg/kg (rat)	>2000 mg/kg (rabbit)	Not listed
PEG 15 cocomonium chloride 61791-10-4	>5000 mg/kg (rat)	>11200 mg/kg (rabbit)	Not listed
C6-12 alkyl alcohol ethoxylated phosphoric acid 68921-24-4	Not listed	>2500 mg/kg	Not listed
sodium dodecylbenzene sulfonate 25155-30-0	500-2000 mg/kg (rat)	Not listed	Not listed
fatty acids, C12-18, Me esters, sulfonated, sodium salts 149458-07-1	>5000 mg/kg (rat)	>2000 mg/kg (rabbit)	Not listed
lauramine oxide 1643-20-5	>1065 mg/kg (rat)	>2000 mg/kg (rabbit)	Not listed

**Information on likely sources of exposure**

<b>Serious eye damage/irritation</b>	Causes serious eye irritation.
<b>Skin corrosion/irritation</b>	Causes skin irritation.
<b>Ingestion</b>	Expected to be a low ingestion hazard.
<b>Inhalation</b>	Expected to be a low inhalation hazard.

**Delayed and immediate effects and also chronic effects from short and long-term exposure**

<b>Respiratory or skin sensitization</b>	Not a sensitizer.
<b>Germ cell mutagenicity</b>	None known.
<b>Carcinogenicity</b>	None known.
<b>Reproductive toxicity</b>	Fatty acids, C12-18, Me esters, sulfonated, sodium salts (CAS 149458-07-1) – 1B May damage fertility or unborn child
<b>STOT - single exposure</b>	None known.
<b>STOT-repeated exposure</b>	None known.
<b>Aspiration Hazard</b>	None.

**Symptoms related to the physical, chemical and toxicological characteristics**

Eye irritation. Skin irritation. See Section 2 for further characteristics.

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

If available, ecotoxicity values of individual components are shown below.

Chemical Name	Fish	Waterflea	Algae
tetrasodium ethylenediaminetetraacetate 64-02-8	>100 mg/L: 96 h leopomis macrochirus LC50	>100 mg/L: 48 h daphnia magna EC50	>100 mg/L: 72 h green algae EC50
alcohols, C9-C11, ethoxylated 68439-46-3	5-10 mg/L: 96 h LC50	5-10 mg/L: 48 h EC50	10-100 mg/L: 72 h EC50
PEG 15 cocomonium chloride 61791-10-4	26.7 mg/L: 96 h pimephales promelas LC50	42.0 mg/L: 48 h daphnia magna EC50	3.1 mg/L: 96 h selenastrum capricornutum EC50
C6-12 alkyl alcohol ethoxylated phosphoric acid 68921-24-4	189 ppm: 96 h LC50	111 ppm: 96 h LC50	94 ppm: 78 h EC50

sodium dodecylbenzene sulfonate 25155-30-0	3.2-5.6 mg/L: 96 h rainbow trout LC50	6.3 mg/L: 48 h daphnia magna EC50	Not available
fatty acids, C12-18, Me esters, sulfonated, sodium salts 149458-07-1	4.7 mg/L: 96 h LC50	6.25 mg/L: 48 h EC50	1.8 mg/L: 72 h EC50
lauramine oxide 1643-20-5	2.67 mg/L: 96 h LC50	3.1 mg/L: 48 h daphnia magna EC50	0.19 mg/L: 72 h EC50

**Persistence and degradability**

Expected to be potentially biodegradable

**Bioaccumulative potential**

Accumulation in organisms is not to be expected.

**Mobility in soil**

No information available

**Other adverse effects**

Do not release untreated into natural waters. No other adverse environmental effects are expected.

**13. DISPOSAL CONSIDERATIONS****Waste Disposal Method**

Dispose of in accordance with local regulations.

**Contaminated Packaging**

Empty containers should be taken for local recycling, recovery or waste disposal.

**14. TRANSPORT INFORMATION****TDG classification**

Not regulated

**15. REGULATORY INFORMATION**

All ingredients are listed on the DSL

**16. OTHER INFORMATION****Preparation Date**

11 April, 2016

**Revision Date**

not applicable

**Revision Note**

not applicable

**Disclaimer**

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of SDS**