

# Material Safety Data Sheet



OASIS 266

## Section 1. Chemical product and company identification

**Trade name** : OASIS 266  
**Product use** : All Purpose Cleaner  
**Supplier** : Ecolab Co.  
5105 Tomken Road  
Mississauga ON L4W 2X5  
1-800-352-5326  
**Code** : 985606  
**Date of issue** : 10-February-2006

**EMERGENCY HEALTH INFORMATION: 1-800-328-0026**  
**Outside United States and Canada CALL 1-651-222-5352 (in USA)**

## Section 2. Composition, information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-	9016-45-9	5- 10
acetic acid, (ethylenedinitrilo)tetra-, tetrasodium salt	64-02-8	1 - 5
xylenesulfonic acid, sodium salt	1300-72-7	1 - 5
quaternary ammonium compounds, benzyl-c12-c16-alkyldimethyl, chlorides	68424-85-1	0.5 - 1.5
ethanol	64-17-5	0.1 - 1

## Section 3. Hazards identification

**Physical state** : Liquid. (Liquid.)  
**Emergency overview** : CAUTION!  
MAY CAUSE RESPIRATORY TRACT, EYE AND SKIN IRRITATION.  
Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.  
**Routes of entry** : Skin contact, Eye contact, Inhalation, Ingestion  
**Potential acute health effects**  
**Eyes** : Moderately irritating to eyes.  
**Skin** : Moderately irritating to the skin.  
**Inhalation** : Moderately irritating to the respiratory system.  
**Ingestion** : No known significant effects or critical hazards.

See toxicological information (section 11)

## Section 4. First-aid measures

**Eye contact** : In case of contact, immediately flush eyes with cool running water. Remove contact lenses and continue flushing with plenty of water for at least 15 minutes. Get medical attention if irritation persists.  
**Skin Contact** : Wash with soap and water. Get medical attention if irritation occurs. Wash clothing before reuse.  
**Inhalation** : If inhaled, remove to fresh air.  
**Ingestion** : Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If potentially dangerous quantities of this material have been swallowed, call a physician immediately.

## Section 5. Fire-fighting measures

Auto-ignition temperature	: Not available.
Flash point	: > 100°C
Flammable limits	
Upper:	Not available.
Lower:	Not available.
Products of combustion	: Not available.
Fire-fighting media and instructions	: Use an extinguishing agent suitable for the surrounding fire.
	Dyke area of fire to prevent runoff.
	No specific hazard.
Special protective equipment for fire-fighters	: Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Risk of explosion of the product in the presence of mechanical impact:	Not available.
Risk of explosion of the product in the presence of static discharge:	Not available.

## Section 6. Accidental release measures

Personal Precautions	: Ventilate area of leak or spill. Do not touch damaged containers or spilled material unless wearing appropriate protective equipment (Section 8). Stop leak if without risk. Prevent entry into sewers, water courses, basements or confined areas.
Environmental precautions	: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
Methods for cleaning up	: If emergency personnel are unavailable, contain spilt material. For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.--

## Section 7. Handling and storage

Handling	: Avoid contact with eyes, skin and clothing. Keep container closed. Use only with adequate ventilation. Avoid breathing vapour or mist. Wash thoroughly after handling.
Storage	: Keep out of the reach of children. Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 50°C

## Section 8. Exposure controls, personal protection

Engineering controls	: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective occupational exposure limits.
Personal protection	
Eyes	: Eye protection recommended.
Hands	: For prolonged or repeated handling, use Impervious gloves.
Skin	: No protective equipment is needed under normal use conditions.
Respiratory	: Avoid breathing vapour or mist.
Name	Exposure limits
ethanol	ACGIH TLV (United States, 1/2004). TWA: 1880 mg/m <sup>3</sup> 8 hour(s). Form: All forms TWA: 1000 ppm 8 hour(s). Form: All forms

## Section 9. Physical and chemical properties

Physical state	: Liquid. (Liquid.)
Colour	: Yellow.
Odour	: citrus
pH	: 8.25 (100%)
Boiling/condensation point	: >100 °C
Melting/freezing point	: Not available.
Specific gravity	: 1.04 (Water = 1)
Vapour pressure	: Not applicable.
Vapour density	: Not available.
Odour threshold	: Not available.
Evaporation rate	: Not available.
LogK <sub>ow</sub>	: Not available.

## Section 10. Stability and reactivity

Stability	: The product is stable.
Conditions of instability	: Not available.
Reactivity	: Slightly reactive to reactive with acids.
Incompatibility with various substances	: Not available.
Hazardous Decomposition Products	: Not available.

## Section 11. Toxicological information

### Potential acute health effects

Eyes	: Moderately irritating to eyes.
Skin	: Moderately irritating to the skin.
Inhalation	: Moderately irritating to the respiratory system.
Ingestion	: No known significant effects or critical hazards.
Irritancy of Product	: Hazardous by WHMIS criteria.

### Potential chronic health effects

Carcinogenic effects	: No known significant effects or critical hazards.
Mutagenic effects	: No known significant effects or critical hazards.
Teratogenic effects	: No known significant effects or critical hazards.
Reproductive effects	: No known significant effects or critical hazards.
Sensitization to Product	: No known significant effects or critical hazards.
Synergistic products (toxicologically)	: Not available.

### Toxicity data

<u>Ingredient name</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.- hydroxy-	LD50	1310 mg/kg	Oral	Rat
quaternary ammonium	LD50	426 mg/kg	Oral	Rat
compounds, benzyl-c12-c16-	LD50	919 mg/kg	Oral	Mouse
alkyldimethyl, chlorides				
ethanol	LD50	7060 mg/kg	Oral	Rat
	LD50	6300 mg/kg	Oral	Rabbit
	LD50	3450 mg/kg	Oral	Mouse
	LDLo	1400 mg/kg	Oral	human
	LDLo	5500 mg/kg	Oral	Dog

**Target organs** : Contains material which causes damage to the following organs: eye, lens or cornea.

## Section 12. Ecological information

### Ecotoxicity data

<u>Ingredient name</u>	<u>Species</u>	<u>Period</u>	<u>Result</u>
poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-	Lepomis macrochirus (LC50)	96 hour(s)	1.3 mg/l
	Oncorhynchus mykiss (LC50)	96 hour(s)	4.7 mg/l
	Lepomis macrochirus (LC50)	96 hour(s)	7.6 mg/l
	Lepomis macrochirus (LC50)	96 hour(s)	7.9 mg/l
	Lepomis macrochirus (LC50)	96 hour(s)	>10 mg/l
acetic acid, (ethylenedinitrilo)tetra-, tetrasodium salt	Lepomis macrochirus (LC50)	96 hour(s)	>1000 mg/l
	Lepomis macrochirus (LC50)	96 hour(s)	486 mg/l
	Lepomis macrochirus (LC50)	96 hour(s)	1030 mg/l
	Lepomis macrochirus (LC50)	96 hour(s)	2070 mg/l
	Lepomis macrochirus (LC50)	96 hour(s)	3092 mg/l
quaternary ammonium compounds, benzyl-c12-c16-alkyldimethyl, chlorides	Daphnia magna (EC50)	48 hour(s)	0.0059 mg/l
	Daphnia magna (EC50)	48 hour(s)	0.037 mg/l
	Daphnia magna (EC50)	48 hour(s)	0.052 mg/l
	Pimephales promelas (LC50)	96 hour(s)	0.28 mg/l
	Lepomis macrochirus (LC50)	96 hour(s)	0.32 mg/l
ethanol	Lepomis macrochirus (LC50)	96 hour(s)	0.51 mg/l
	Daphnia magna (EC50)	48 hour(s)	2 mg/l
	Daphnia magna (EC50)	48 hour(s)	9.3 mg/l
	Daphnia magna (EC50)	48 hour(s)	>100 mg/l
	Pimephales promelas (LC50)	96 hour(s)	>100 mg/l
Products of degradation	Daphnia magna (LC50)	96 hour(s)	>100 mg/l
	Oncorhynchus mykiss (LC50)	96 hour(s)	13000 mg/l
: These products are carbon oxides (CO, CO <sub>2</sub> ) and water, nitrogen oxides (NO, NO <sub>2</sub> ...), sulphur oxides (SO <sub>2</sub> , SO <sub>3</sub> , etc.). Some metallic oxides.			

## Section 13. Disposal considerations

**Waste disposal** : The generation of waste should be avoided or minimised wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

**Consult your local or regional authorities.**

## Section 14. Transport information

Regulatory information	UN number	Proper shipping name	Class	Packing group	Additional information
<b>TDG Classification</b>	Not regulated.	-	-	-	-

**APPLIES ONLY DURING ROAD TRANSPORT**

Any variation of the shipping description based on the packaging is not addressed.

## Section 15. Regulatory information

**WHMIS** : Class D-2B: Material causing other toxic effects (Toxic).

This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations* and the MSDS contains all the information required by the *Controlled Products Regulations*.

## Section 16. Other information

Date of issue : 10-February-2006.  
Responsible name : Regulatory Affairs  
Date of previous issue : 04-January-2006.

### Notice to reader

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.