

# Dizolve

## SECTION 1. IDENTIFICATION

**Product Identifier** Dizolve  
**Product Family** Degreaser  
**Manufacturer** Easy Way, 10 Housers Lane, Woodstock, Ontario, N4S 7W8, 1-800-265-9205, www.easyway.ca  
**SDS No.** 0027

## SECTION 2. HAZARDS IDENTIFICATION

### GHS Classification

Serious eye damage/eye irritation - Category 2A



## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers
Nonylphenol ethoxylate	127087-87-0	3-7	
Dipropylene glycol methyl ether	34590-94-8	3-7	
Sodium laurylaryl sulfonate	27176-87-0	1-5	
Sodium Metasilicate	6834-92-0	0.5-1.5	
Sodium tripolyphosphate	7758-29-4	0.5-1.5	

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

Move to fresh air. Get medical advice/attention if you feel unwell or are concerned.

#### Skin Contact

Rinse skin with cool water. If skin irritation or a rash occurs, get medical advice/attention.

#### Eye Contact

Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice/attention.

#### Ingestion

Do not induce vomiting. Rinse mouth with water. Get medical advice/attention if you feel unwell or are concerned.

### Most Important Symptoms and Effects, Acute and Delayed

Symptoms may develop hours after exposure.

## SECTION 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

### Specific Hazards Arising from the Chemical

Corrosive phosphorous oxides. Carbon oxides.

### Special Protective Equipment and Precautions for Fire-fighters

Firefighters should wear self-contained breathing apparatus.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

### Environmental Precautions

It is good practice to prevent releases into the environment.

### Methods and Materials for Containment and Cleaning Up

Dike spilled product to prevent runoff. Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

General hygiene considerations: do not get in eyes, on skin or on clothing.

### Conditions for Safe Storage

Separate from incompatible materials (see Section 10: Stability and Reactivity). Comply with all applicable health and safety regulations, fire and building codes.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH® TLV®		OSHA PEL	
	TWA	STEL [C]	TWA	Ceiling
Dipropylene glycol methyl ether	100 ppm Skin	150 ppm Skin	100 ppm Skin	
Sodium Metasilicate	10 mg/m <sup>3</sup>			
Sodium tripolyphosphate	Not established		Not established	

### Appropriate Engineering Controls

General ventilation is usually adequate.

### Individual Protection Measures

#### Eye/Face Protection

Wear safety glasses with side shields.

#### Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.

#### Respiratory Protection

Not normally required if product is used as directed.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

**Appearance** Light violet liquid.

**Odour** Faint

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<b>pH</b>	12.8 (100% solution)
<b>Flash Point</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Relative Density (water = 1)</b>	1.04
<b>Solubility</b>	Soluble in all proportions in water

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive.

### Chemical Stability

Normally stable.

### Conditions to Avoid

Prolonged exposure to high temperatures. Contamination.

### Incompatible Materials

Strong acids, strong oxidizing agents.

### Hazardous Decomposition Products

Corrosive phosphorous oxides. carbon oxides.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Nonylphenol ethoxylate		2590 mg/kg (rat)	2830 mg/kg (rabbit)
Dipropylene glycol methyl ether		5120 mg/kg (rat)	9480 mg/kg (rabbit)
Sodium laurylaryl sulfonate		500-2000 mg/kg (rat)	> 2000 mg/kg (rabbit)
Sodium Metasilicate		1153 mg/kg	
Sodium tripolyphosphate		3100 mg/kg (rat)	> 7940 mg/kg (rabbit)

LC50: No information was located.

### Skin Corrosion/Irritation

May cause irritation.

### Serious Eye Damage/Irritation

May cause irritation.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

Nose and throat irritation.

#### Skin Absorption

May be harmful.

#### Ingestion

May cause Symptoms may include nausea, vomiting, stomach cramps and diarrhea.

### Aspiration Hazard

May be drawn into the lungs (aspirated) if swallowed or vomited. (Nonylphenol ethoxylate)

### Respiratory and/or Skin Sensitization

Not a skin sensitizer. Not a respiratory sensitizer.

### Carcinogenicity

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Chemical Name	IARC	ACGIH®	NTP	OSHA
Nonylphenol ethoxylate	Not Listed	Not Listed		
Dipropylene glycol methyl ether	Not evaluated		Not Listed	Not Listed
Sodium laurylaryl sulfonate	Not Listed		Not Listed	Not Listed
Sodium Metasilicate	Not Listed	Not Listed		
Sodium tripolyphosphate	Not Listed	Not Listed	Not Listed	Not Listed

#### Reproductive Toxicity

##### Development of Offspring

Animal studies show effects on the offspring. (Nonylphenol ethoxylate)

##### Germ Cell Mutagenicity

Not known to be a mutagen.

## SECTION 12. ECOLOGICAL INFORMATION

### Toxicity

#### Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Algae
Nonylphenol ethoxylate	3.8-6.2 mg/L (Pimephales promelas (fathead minnow); 96-hour)	9.3-21.4 mg/L (Daphnia magna (water flea); 48-hour)	
Dipropylene glycol methyl ether	> 10000 mg/L (Pimephales promelas (fathead minnow); 96-hour)	> 5000 mg/L (Daphnia magna (water flea); 48-hour)	
Sodium laurylaryl sulfonate	2.6 mg/L (Leuciscus idus; 96-hour)	5.9 mg/L (Daphnia magna (water flea); 24 hr)	47.3 mg/L (72-hour)
Sodium Metasilicate	210 mg/L (Brachydanio rerio (zebra fish); 96-hour; semi-static)		
Sodium tripolyphosphate	1650 mg/L (Leuciscus idus; 48-hour)		

#### Persistence and Degradability

Considered not to degrade rapidly, because no data regarding degradability are available. (Nonylphenol ethoxylate)

#### Bioaccumulative Potential

This product or its degradation products have the potential to bioaccumulate based on the fish bioconcentration factor (BCF). (Nonylphenol ethoxylate)

#### Mobility in Soil

If released into the environment, this product is expected to move rapidly through the soil, based on physical and chemical properties.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction.

## SECTION 14. TRANSPORT INFORMATION

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**Special Precautions for User** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

#### Canada

##### WHMIS Classification



Class D2B

D2B - Toxic (Eye irritant)

##### **Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)**

All ingredients are listed on the DSL/NDSL.

##### **CEPA - National Pollutant Release Inventory (NPRI)**

Part 1B. (Nonylphenol ethoxylate)

#### USA

##### **Toxic Substances Control Act (TSCA) Section 8(b)**

All ingredients are listed on the TSCA Inventory.

## SECTION 16. OTHER INFORMATION

<b>NFPA Rating</b>	<b>Health - 2</b>	<b>Flammability - 0</b>	<b>Instability - 0</b>
<b>SDS Prepared By</b>	Easy Way		
<b>Phone No.</b>	1-800-265-9205		
<b>Date of Preparation</b>	January 29, 2015		

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