

# Desco AQS 7

## Safety Data Sheet

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

#### Identification of the substance or mixture

**Product Name:** Desco AQS 7  
**Product Use:** Industrial degreaser concentrate  
**Uses Advised Against:** Personal care or hygiene  
**Manufacturer:** South Coast Products  
20 Southbelt Industrial Dr  
Houston, TX 77047 USA  
+1 713 225 0048

**Emergency telephone number:** +1 813 248 0585, 24 hours  
Refer to code 0700

### 2. HAZARDS IDENTIFICATION

#### GHS Classification

Skin irritation (category 2)  
Eye irritation (category 2B)

#### GHS label elements

##### Symbol(s)



##### Signal Word

Warning

##### Hazard statements

H315 – Causes skin irritation  
H320 – Causes eye irritation

##### Precautionary statements

P280 – Wear protective gloves/eye protection/face protection.  
P302 + P352 – IF ON SKIN: Wash with plenty of soap and water.  
P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P332 + P313 – If skin irritation occurs, get medical advice/attention.  
P337 + P313 – If eye irritation persists, get medical advice/attention.  
P362 + P364 – Take off contaminated clothing and wash it before reuse.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Hazardous components

Component	Concentration
<b>Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched (nonylphenol, ethoxylated; NPE)</b> CAS-No. 127087-87-0 EC-No. 500-315-8	5-15%
<b>2-Butoxyethanol</b> CAS-No. 111-76-2 EC-No. 203-905-0	1-5%

### 4. FIRST AID MEASURES

- General:** If exposed or concerned, get medical attention or advice and show this safety data sheet to doctor in attendance.
- Eye contact:** Check for and remove any contact lenses. Immediately flush eyes with running water for at least 5 minutes, keeping eyelids open. Get medical attention if redness or irritation persists.
- Skin contact:** Remove contaminated clothing and shoes. Wash skin with soap and water. Get medical attention if irritation symptoms occur.
- Inhalation:** Move exposed person to fresh air. If breathing is irregular or stopped, give artificial respiration. Get medical attention if symptoms develop and persist.
- Ingestion:** Do not induce vomiting and give large quantities of water. Get medical attention.

#### **Special treatment:**

Notes to physician: Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

- General hazards:** Material will not burn.
- Suitable media:** Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.
- Not suitable:** Do not use water jet.
- Combustion products:** No data available.
- Special protective equipment for fire-fighters:** No special equipment required.

### 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions:** Wear appropriate personal protection equipment (see section 8).
- Environmental precautions:** Recover free product. Use suitable adsorbent (clay) and dispose of material in accordance with all regulations. Keep product out of sewers

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and watercourses, prevent soil penetration. Advise authorities if large amounts of product enter waterways or extensive land areas.

### 7. HANDLING AND STORAGE

**Handling:** Wear appropriate personal protection equipment (see section 8). Do not eat, drink or smoke when using. Wash thoroughly after handling. Follow good hygiene and housekeeping practices.

**Storage:** Store in cool dry area in original or equivalent container in accordance with all regulations. Do not expose to extreme heat or flame. Avoid freezing. Store below 65°C, away from strong oxidizers.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters:

Chemical name	CAS no.	OSHA PEL	ACGIH TWA
Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched	127087-87-0	Not established	Not established
2-Butoxyethanol	111-76-2	50 ppm	25 ppm

**Engineering controls:** Use with adequate ventilation.

**Eye/face protection:** Safety glasses or goggles. Face shield recommended if spray or mist will be generated. Ensure eye bath is to hand.

**Hand protection:** Impervious gloves for routine industrial use.

**Skin protection:** No additional protection required beyond normal industrial attire is required.

**Respiratory protection:** None required.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance and odor:** Blue liquid, solvent odor

**pH:** 10.5

**Initial boiling point:** 100°C (212°F)

**Flash point:** No data

**Upper flammability limit:** No data

**Lower flammability limit:** No data

**Vapor pressure:** No data

**Vapor density:** No data

**Relative density:** 1.0

**Solubility:** Soluble in water

**Viscosity:** No data

**Percent volatile by volume:** 2.1%

**VOC content:** 21 g/L

### 10. STABILITY AND REACTIVITY

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**Chemical stability:** Stable  
**Conditions to avoid:** Extreme heat  
**Incompatible materials:** No data available  
**Hazardous decomposition products:** No data available

### 11. TOXICOLOGICAL INFORMATION

#### Potential acute health effects

##### **Acute toxicity:**

##### ***Nonylphenol, ethoxylated***

LD50 Oral – rat – 1.67-4.53 ml/kg

##### ***2-Butoxyethanol***

LD50 Oral – rat – 470 mg/kg

LC50 Inhalation – rat – 4 h – 450 ppm

Remarks: Behavioral: ataxia. Nutritional and gross metabolic: Weight loss or decreased weight gain.

LD50 Dermal – rabbit – 220 mg/kg

##### **Skin corrosion/irritation:**

##### ***Nonylphenol, ethoxylated***

Primary irritation to skin, defatting, dermatitis

##### ***2-Butoxyethanol***

Skin – rabbit. Result: Open irritation test

##### **Serious eye damage/eye irritation:**

##### ***Nonylphenol, ethoxylated***

Primary irritation to eyes, redness, tearing, blurred vision

##### ***2-Butoxyethanol***

Eyes – rabbit. Result: Moderate eye irritation – 24 h

#### Potential chronic health effects

**Respiratory or skin sensitization:** No component known to be a sensitizer.

**Germ cell mutagenicity:** No component known to produce mutagenic effects in humans.

##### **Carcinogenicity:**

IARC: 3 – Group 3: Not classifiable as to its carcinogenicity to humans (**2-butoxyethanol**)

NTP, OSHA: No component present at levels greater than or equal to 0.1% is known or anticipated carcinogen.

**Reproductive toxicity:** No ingredients known to produce reproductive effects

**STOT repeated exposure:** No known target organ effect from repeated exposure

### 12. ECOLOGICAL INFORMATION

#### **Ecotoxicity:**

##### ***Nonylphenol, ethoxylated***

Toxicity to fish: LC50 – fathead minnow – 4.0-8.6 mg/l – 96 h

Toxicity to daphnia and other aquatic invertebrates: LC50 – Daphnia – 16.7-27.5 mg/l – 48 h

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### ***2-Butoxyethanol***

Toxicity to fish: LC50 – other fish – 220 mg/l – 96 h

Toxicity to daphnia and other aquatic invertebrates: EC50 – Daphnia magna (water flea) – 1815 mg/l – 24 h

<b>Persistence/degradability:</b>	No data available
<b>Bioaccumulation:</b>	No data available
<b>Mobility:</b>	No information available
<b>Results of PBT assessment:</b>	No information available
<b>Other adverse effects:</b>	No information available

### **13. DISPOSAL CONSIDERATIONS**

**Waste disposal:** Generation of waste should be avoided or minimized where possible. Empty containers may contain residue. Dispose of as hazardous waste via licensed waste disposal operator. Follow all applicable regulations.

### **14. TRANSPORT INFORMATION**

<b>DOT (US):</b>	Not regulated
<b>IMDG:</b>	UN3082, Environmentally hazardous substance, liquid, n.o.s. (nonylphenol, ethoxylated), 9, III, Marine Pollutant
<b>IATA:</b>	UN3082, Environmentally hazardous substance, liquid, n.o.s. (nonylphenol, ethoxylated), 9, III, Marine Pollutant

### **15. REGULATORY INFORMATION**

#### **US Regulations**

No ingredient in this product is subject to the reporting requirements of SARA Section 302 (40 CFR 355 Appendix A) or CERCLA (40 CFR 302.4)

**SARA 313 Components:** Nonylphenol ethoxylate, CAS-No. 9016-45-9; 2-Butoxyethanol, CAS-No. 111-76-2

#### **State Regulations**

**California Prop 65:** No ingredients listed.

**Massachusetts Right to Know:** 2-Butoxyethanol, CAS-No. 111-76-2

**New Jersey Right to Know:** 2-Butoxyethanol, CAS-No. 111-76-2

**Pennsylvania RTK Hazardous Substances:** 2-Butoxyethanol, CAS-No. 111-76-2

**United States inventory (TSCA):** All ingredients listed or exempt.

#### **International regulations**

**Canada: WHMIS Classification:** D2B: Irritating to skin/eyes. **WHMIS:** This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the

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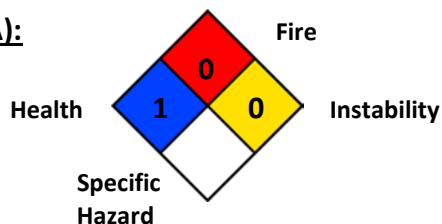
information required by the CPR. **Canada Domestic Substances List:** All ingredients listed or exempt.

## 16. OTHER INFORMATION

### Hazardous Material Information System (USA):

HEALTH	1
FIRE	0
REACTIVITY	0
PERSONAL PROTECTION	B

### National Fire Protection Association (USA):



Revision information: Original GHS issue.

**END OF SAFETY DATA SHEET**