

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
Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched (nonylphenol, ethoxylated; NPE) CAS-No. 127087-87-0 EC-No. 500-315-8	5-15%
2-Butoxyethanol 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, CO₂, 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, 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

2-Butoxyethanol

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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

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

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

Note: Containers with less than 5 L (5 kg) are not regulated by any mode of transport.

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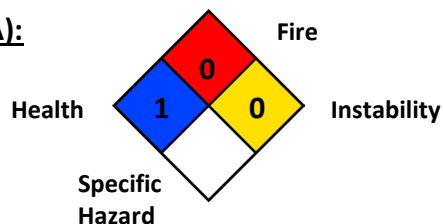
information required by the CPR. **Canada Domestic Substances List:** All ingredients listed or exempt.

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. Rev 1: note added to Section 14. Rev 2: reviewed with no changes. Rev 3: updated Section 11. Rev 4: reviewed with no changes.

END OF SAFETY DATA SHEET