

Prepared to GHS-USA Requirements

Quest Car Care Products®

Date Prepared: 7/1/17

Page: 1 / 4

1 Identification of the substance/mixture and of the company/undertaking

- 1.1 **Product Identifier**
Trade Name: **APPEAL N SEAL**
Product Type: Clear Coat Protectant
- 1.2 **Recommended Use:** Commercial vehicle wash
- 1.3 **Details of the supplier of the safety data sheet**

Company: Quest Car Care Products
3333 Production Ct.
Zeeland, MI. 49464

Phone: 1-616-772-5100
Fax: 1-616-931-3173

**1.4 Emergency Information**

Contact Info: CHEMTREC: 1-800-424-9300 (24 HOUR RESPONSE)

2 Hazards Identification**2.1 Classification of the substance or mixture**

Skin Irritation: Category 2
Eye Irritation: Category 1B
Acute Toxicity, Oral: Category 4
Acute/Chronic Aquatic Toxicity: Category 2

2.2 Label Elements

Symbol(s)



Signal Word: DANGER

Hazard Statements: Harmful if swallowed.
Causes eye damage.
Causes skin irritation.

Toxic to aquatic life with lasting effect.

Precautionary Statements: Do not get in eyes. Avoid contact with skin and clothing.

Avoid breathing vapors, mists, spray.

Do not discharge into the environment.

Wash hands with soap and water after handling.

Wear protective gloves and eye protection.

IF SWALLOWED: Immediately call a POISON CENTER / doctor. Rinse mouth with water.

IF ON SKIN: Rinse area with soap water for several minutes. Remove affected clothing and wash.

IF IN EYES: Rinse cautiously with water, remove contact lens if any. Continue rinsing.

If eye/skin/respiratory irritation persists or arises after using/handling. Get medical attention or advice.

Storage: Keep lids closed. Keep away from extreme heat or open flames. Store at room temperature. Do not freeze.

Disposal: Dispose of in accordance with local, state and federal regulations.

HMSI-ratings (scale 0-4)

Definitions: 0-least, 1-slight, 2-Moderate, 3-High, 4-Extreme

| | |
|------------|---|
| HEALTH | 2 |
| FIRE | 1 |
| REACTIVITY | 0 |
| Protection | B |

3 Composition/Information on Ingredients**3.1 Substances**

| Component (Ingredient): | CAS # | % by weight (optional) |
|---------------------------------------|-------------|------------------------|
| Hydrotreated, middle distillates | Proprietary | <15 |
| Dicoco, Quaternary Ammonium Compounds | 61789-77-3 | <15 |
| 2-Butoxyethanol | 111-76-2 | 1 to 5 |
| Lauramine Oxide | 1643-20-5 | 1 to 5 |
| Isopropanol | 67-63-0 | 1 to 5 |
| Functional Silicone Fluids | Proprietary | 1 to 5 |

Chemical characterization: Mixture of the above ingredients to form a single uniform solution.

4 First aid measures**4.1 Description of first aid measures**

General Info: Remove and wash contaminated clothing. If gotten into eyes and is severe get medical attention.
 Inhalation: Ensure supply of fresh air.
 Eye Contact: Rinse cautiously with warm water for a few minutes. Remove contact lenses if any then continue flushing.
 Skin contact: Remove all contaminated clothing immediately. Rinse area for several minutes with soap and water.
 Ingestion: Do not induce vomiting. If person is conscious give 1-2 glasses of water and seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Information is not available.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5 Fire-fighting measures**5.1 Extinguishing media**

Suitable for use: foam, carbon dioxide, dry powder, water spray
 Not suitable for use: water jet is not recommended.

5.2 Special hazards arising from the substance or mixture

None known.

5.3 Advice for fire-fighters

Treat area as for surrounding fire. Wear self-contained breathing apparatus pressure demand, (MSHA/NIOSH approved or equivalent) and full protective gear. Slippery where spilled.

6 Accidental Release Measures**6.1 Personal precautions, protective equipment and emergency procedures:**

Use personal protective equipment, keep unprotected persons away. Ensure adequate ventilation during clean up.

6.2 Environmental precautions:

Do not allow to enter storm drains or waterways that lead to natural waterways.
 Do not purposely discharge into the subsoil/soil.

6.3 Methods and material for containment and clean up:

Take up with absorbent material (universal binder, diatomaceous earth). For large spills dike area then scoop or pump product into plastic containers for disposal. Small amounts of this product can be rinsed with large amounts of water into a sanitary sewer system.

7 Handling & Storage**7.1 Precautions for safe handling**

Advice on safe handling: No special measures are necessary if stored and handled as prescribed.
 Handling: Caps should be tight and outside of container free of residue before moving.
 Hygiene measures: Do not eat or drink when using this product. Wash hands after using. Remove soiled or soaked clothing immediately. Avoid contact with eyes and skin.
 General measures: Avoid contact with eyes and skin.

7.2 Conditions for safe storage, including any incompatibilities**Prevention of fire and explosion**

Information: No special measures required.

Storage

Information: Store with lids tightly sealed. Keep at room temperature, out of direct sunlight.
 Best if used within 2 years of manufacturer date.

8 Exposure Controls/Personal Protection**8.1 Control parameters:****Components with limit values that require monitoring at the work place:**

| Component | CAS-No. | Statutory basis/list | Value type | Value |
|-----------------|----------|----------------------|------------|--------------------------------------|
| 2-butoxyethanol | 111-76-2 | ACGIH | TLV | 20 ppm, 8 hours (all forms) |
| | | OSHA PEL | TWA | 240 mg/m ³ 8 hours (skin) |
| | | | | TWA: 50 ppm, 8 hours (Skin) |
| Isopropanol | 67-63-0 | OSHA PEL | TWA | 500 ppm (STEL) |

8.2 Exposure controls (continued from page 2)

Engineering controls

Appropriate controls: Good general ventilation should be sufficient to control airborne levels.

Personal protective equipment

Eye Protection: Use chemical resistant goggles or safety glasses with side shields.

Hand Protection: Rubber gloves

Body Protection: None required, but chemical resistant apron is suggested to protect clothing.

Respiratory Protection: None normally required. But select an appropriate respirator if creating mists to form.

9 Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

| | | | |
|--------------------------|-----------|--|-----------------------------|
| <u>Product State:</u> | Liquid | <u>Auto Igniting:</u> | Product is not selfigniting |
| <u>Color:</u> | Dark Blue | <u>Vapor Density:</u> | Not Determined |
| <u>Odor:</u> | Fruity | <u>Vapor Pressure:</u> | Not Determined |
| <u>pH:</u> | 5 to 7 | <u>Evaporation Rate:</u> | Not Determined |
| <u>Boiling Point:</u> | >212°F | <u>Viscosity:</u> | Not Determined |
| <u>Freeze Point:</u> | 25-32°F | <u>Decomposition Temp:</u> | Not Determined |
| <u>VOC's % by wgt:</u> | <10 | <u>Partition Coefficient (n-octanol/water)</u> | Not Determined |
| <u>Phosphorous %:</u> | None | <u>Flash Point °F:</u> | Not Determined |
| <u>Specific Gravity:</u> | 0.96-0.98 | | |
| <u>Solubility:</u> | Soluble | | |

10 Stability and Reactivity

| | | |
|------|---|--|
| 10.1 | Reactivity: | Product is not reactive. |
| 10.2 | Chemical Stability: | Stable under normal conditions. |
| 10.3 | Possibility of hazardous reactions | Under proper storage and handling no reactions are possible. |
| 10.4 | Conditions to avoid: | High temperatures. Freezing conditions. |
| 10.5 | Incompatible materials: | Strong oxidizers, anionic surfactants, acids and bases. |
| 10.6 | Hazardous decomposition products: | Amines, Carbon Dioxide |

11 Toxicological Information

11.1 Information on toxicological effects

Acute toxicity of known ingredients:**2-butoxyethanol**

Oral: LD50 (rat): 470 mg/kg Dermal: LD50 (rabbit): 220 mg/kg Inhalation: LC50 (rat): 450 mg/L, 4 hours

Isopropanol:

ORAL (LD50): Acute: 5045 mg/kg [Rat]

Acute Effects of this mixture:

Skin: Prolonged or repeated contact with strong forms may remove natural oils leading to dryness or rash.

Eye: Produces rapid serious eye irritation which could be damaging if not flushed immediately.

Ingestion: May be harmful to mucous membranes, mouth, throat and stomach.

Inhalation: Concentrated mists may cause nausea or dizziness or worsen existing respiratory problems.

Carcinogens: This product has no ingredients known to be carcinogenic.

*No other toxicological data is available on this mixture.

12 Ecological Information

12.1-12.6 No ecological information is available nor has been performed on these sections.

General Notes:

Do not allow this product to enter waterways or waste water canals. Very toxic to aquatic life with lasting effect.

13 Disposal Considerations**13.1 Waste treatment methods****Product:**

Follow local regulations for proper disposal and reporting of spills.

Contaminated packaging:

If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards. Original labels must not be removed, lids closed and provide person collecting the container(s) with an SDS.

14 Transport Information**Non-Regulated**

| | | |
|-------------|--------------------------------------|------|
| 14.1 | UN number: | None |
| 14.2 | UN proper shipping name: | None |
| 14.3 | Transport hazard class(es): | None |
| 14.4 | Packing group: | None |
| 14.5 | Environmental hazards: | None |
| 14.6 | Special precautions for user: | None |

15 Regulatory Information**Proposition 65 (Chemicals known to cause cancer)**

None known

Section 311/312 (acute health hazards)

None

Section 355 (extremely hazardous substances)

None

TSCA (Toxic Substances Control Act)

All ingredients are listed, registered or exempted.

16 Other Information**DISCLAIMER:**

Information presented herein has been compiled from sources considered to be accurate and reliable, but is not guaranteed to be so. Since conditions of use are beyond our control we make warranties, expressed or implied. If anything is added to this product the information presented here may be altered and could make this SDS invalid. This SDS shall not establish a legally valid contractual relationship.

LEGEND:

ACGIH: American Conference of Governmental Industrial Hygienists / CAS:Chemical Abstracts Services

CHEMTREC:Chemical Transportation Emergency Center / DOT:Department of Transportation

EHS:Extremely Hazardous Substances / EPA: Environmental Protection Agency

HMIS: Hazardous Materials Identification System / IARC:International Agency for Research on Cancer

LEL/UEL:Lower and Upper Explosive Limit / mg/m3:Milligrams per cubic meter / LD50:Lethal Dose 50%

NIOSH:National Institute of Occupational Health & Safety / NFPA:National Fire Protection Association

NTP:National Toxicology Program / OSHA:Occupational Safety & Health Administration

PEL:Permissible Exposure Limit / PPE:Personal Protective Equipment /

SARA:Super fund Amendments and Reauthorization Act / SDS:Safety Data Sheet / TLV:Threshold Limit Value

TWA:Time Weighted Average / TSCA:US Toxic Substance Control Act