



# Towel Kleen

## Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS 2024)  
Issue date: 3/12/2026 Revision date: 3/12/2026 Supersedes: 3/6/2024 Version: 2.0

### SECTION 1 Identification

#### 1.1. Product identifier

Product form : Mixture  
Trade name : Towel Kleen  
Product code : 108

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Automotive Care Products.  
Recommended use : Automotive Care Products, Laundry detergents  
Restrictions on use : None known

#### 1.4. Supplier's details

3D International  
20724 Centre Pointe Pkwy #1  
Santa Clarita, CA 91350  
T 888-999-7627

#### 1.5. Emergency phone number

Emergency number : (Chemical Spills, Leaks, Fire, Exposure or Accident only)  
CHEMTREC 1-800-424-9300 (in the US & Canada)  
1-703-527-3887 (Outside the US)

### SECTION 2 Hazard Identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

Serious eye damage/eye irritation, Category 1 H318 Causes serious eye damage.  
Full text of H statements : see section 16

#### 2.2. Label elements

##### GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Danger  
Hazard statements (GHS US) : H318 - Causes serious eye damage  
Precautionary statements (GHS US) : P280 - Wear eye protection.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 - Immediately call a POISON CENTER or doctor/physician.

#### 2.3. Hazards associated with known or reasonably anticipated uses

None known

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### 2.4. Hazards not otherwise classified

Other hazards which do not result in classification : None known.

### 2.5. Unknown acute toxicity

No additional information available

## SECTION 3 Composition/information on ingredients

### Mixtures

| Name                                                                | Product identifier  | Conc.<br>(% w/w) |
|---------------------------------------------------------------------|---------------------|------------------|
| Fatty acids, C8-18 and C18-unsatd., compds. with diisopropanolamine | CAS-No.: 68855-69-6 | 1 - 5            |
| C9-11 Ethoxylated Alcohol                                           | CAS-No.: 68439-46-3 | 1 - 5            |
| Sodium C14-16 olefin sulfonate                                      | CAS-No.: 68439-57-6 | 0.5 - 1.5        |

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

Full text of hazard classes and H-statements : see section 16

## SECTION 4 First aid measures

### 4.1. Description of necessary first-aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.

First-aid measures after skin contact : Wash with soap and water. Seek medical attention if irritation develops.

First-aid measures after eye contact : Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.

First-aid measures after ingestion : Rinse mouth out with water. Call a poison center or a doctor if you feel unwell.

### 4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects : Causes serious eye damage.

Inhalation : No adverse effects expected under normal conditions of use. May cause minor irritation to the respiratory tract and to other mucous membranes.

Skin : May cause slight irritation to the skin.

Eyes : Causes serious eye damage. redness, itching, tears.

Ingestion : May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic symptoms : None known.

### 4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Immediate medical attention is required for eye contact.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media : None.

### 5.2. Specific hazards arising from the chemical

Fire hazard : This product is not classified as flammable or combustible.

Hazardous decomposition products in case of fire : Carbon oxides (CO, CO2).

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### 5.3. Special protective equipment and precautions for fire-fighters

- |                                |                                                                        |
|--------------------------------|------------------------------------------------------------------------|
| Firefighting instructions      | : Use water spray or fog for cooling exposed containers.               |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. |

## SECTION 6 Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

- |                  |                                                                                                                                                                                            |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General measures | : Ventilate spillage area. Do not get in eyes. Avoid contact with skin and clothing. Wear suitable protective clothing. Keep unnecessary and unprotected personnel away from the spillage. |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### For non-emergency personnel

- |                      |                                                                                                                                                                                                                                                                                                                               |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Emergency procedures | : Ventilate spillage area. Do not get in eyes. Do not touch or walk on the spilled product. Use personal protective equipment as required. Keep unnecessary and unprotected personnel away from the spillage. Stop leak if safe to do so. Only qualified personnel equipped with suitable protective equipment may intervene. |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### For emergency responders

- |                      |                                                                                                                                                             |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|

- |                           |                                     |
|---------------------------|-------------------------------------|
| Environmental precautions | : Avoid release to the environment. |
|---------------------------|-------------------------------------|

### 6.2. Methods and materials for containment and cleaning up

- |                         |                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------|
| For containment         | : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.    |
| Methods for cleaning up | : Absorb and/or contain spill with inert material, then place in suitable container.                    |
| Other information       | : Place in a suitable container for disposal in accordance with the waste regulations (see Section 13). |

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

## SECTION 7 Handling and storage

### 7.1. Precautions for safe handling

- |                               |                                                                                                                                                              |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Precautions for safe handling | : Ensure adequate ventilation. Do not get in eyes. Avoid contact with skin and clothing. Wear personal protective equipment. Wash thoroughly after handling. |
| Hygiene measures              | : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.                                                          |

### 7.2. Conditions for safe storage, including incompatibilities

- |                        |                                                                                          |
|------------------------|------------------------------------------------------------------------------------------|
| Storage conditions     | : Store, if possible, in a cool, well ventilated place away from incompatible materials. |
| Incompatible materials | : Strong oxidizers. Strong bases. Strong acids.                                          |
| Specific end uses      | : Automotive Care Products.                                                              |

## SECTION 8 Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

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### 8.2. Appropriate engineering controls

Appropriate engineering controls : No particular/specific measures required.  
Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures, such as personal protective equipment

#### Hand protection:

In case of repeated or prolonged contact wear gloves. Consult glove manufacturer's product information on material suitability and material thickness.

#### Eye protection:

Use suitable eye protection. Chemical goggles or safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

Not required for normal conditions of use. In operations where exposure limits are exceeded or exposure levels are excessive, an approved respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

#### Thermal hazard protection:

Not applicable.

## SECTION 9 Physical and chemical properties

### 9.1. Basic physical and chemical properties

|                                                 |                                             |
|-------------------------------------------------|---------------------------------------------|
| Physical state                                  | : Liquid                                    |
| Appearance                                      | : Green. Liquid.                            |
| Color                                           | : Green                                     |
| Odor                                            | : Citrus-like                               |
| Odor threshold                                  | : Not determined                            |
| pH                                              | : 7 – 8                                     |
| Melting point                                   | : No data available                         |
| Freezing point                                  | : Not determined                            |
| Boiling point                                   | : Not determined                            |
| Flash point                                     | : Not applicable                            |
| Flammability (solid, gas)                       | : Not applicable.                           |
| Vapor pressure                                  | : Not determined                            |
| Relative vapor density at 20°C                  | : No data available                         |
| Relative density                                | : 1.03                                      |
| Solubility                                      | : Soluble in water.                         |
| Partition coefficient n-octanol/water (Log Pow) | : No data available                         |
| Auto-ignition temperature                       | : Not applicable                            |
| Decomposition temperature                       | : No data available                         |
| Viscosity, kinematic                            | : Not determined                            |
| Explosion limits                                | : No data available                         |
| Explosive properties                            | : None.                                     |
| Oxidizing properties                            | : None.                                     |
| Particle characteristics                        | : Particle characteristics : Not applicable |

### 9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

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### SECTION 10 Stability and reactivity

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

None known.

#### 10.5. Incompatible materials

Oxidizing agent. Strong acids. Strong bases.

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11 Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

#### Sodium C14-16 olefin sulfonate (68439-57-6)

|                                   |              |
|-----------------------------------|--------------|
| LD50 oral rat                     | 2079 mg/kg   |
| LD50 dermal rabbit                | 6300 mg/kg   |
| LC50 Inhalation - Rat (Dust/Mist) | > 52 mg/l/4h |

#### C9-11 Ethoxylated Alcohol (68439-46-3)

|                       |                          |
|-----------------------|--------------------------|
| LD50 dermal rat       | > 2000 mg/kg body weight |
| LC50 Inhalation - Rat | > 1.6 mg/l/4h            |

Skin corrosion/irritation : Not classified  
pH: 7 – 8  
Serious eye damage/irritation : Causes serious eye damage.  
pH: 7 – 8  
Respiratory or skin sensitization : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified

#### Sodium C14-16 olefin sulfonate (68439-57-6)

|                                            |                               |
|--------------------------------------------|-------------------------------|
| NOAEL (chronic,oral,animal/male,2 years)   | ≥ 195 mg/kg body weight (rat) |
| NOAEL (chronic,oral,animal/female,2 years) | ≥ 259 mg/kg body weight (rat) |

Reproductive toxicity : Not classified  
STOT-single exposure : Not classified  
STOT-repeated exposure : Not classified

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### C9-11 Ethoxylated Alcohol (68439-46-3)

|                          |                                           |
|--------------------------|-------------------------------------------|
| NOAEL (oral,rat,90 days) | ≥ 500 mg/kg body weight (OECD 408 method) |
|--------------------------|-------------------------------------------|

|                   |                  |
|-------------------|------------------|
| Aspiration hazard | : Not classified |
|-------------------|------------------|

### Towel Kleen

|                      |                |
|----------------------|----------------|
| Viscosity, kinematic | Not determined |
|----------------------|----------------|

|                  |                              |
|------------------|------------------------------|
| Symptoms/effects | : Causes serious eye damage. |
|------------------|------------------------------|

|            |                                                                                                                                                  |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhalation | : No adverse effects expected under normal conditions of use. May cause minor irritation to the respiratory tract and to other mucous membranes. |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------|

|      |                                            |
|------|--------------------------------------------|
| Skin | : May cause slight irritation to the skin. |
|------|--------------------------------------------|

|      |                                                       |
|------|-------------------------------------------------------|
| Eyes | : Causes serious eye damage. redness, itching, tears. |
|------|-------------------------------------------------------|

|           |                                                                         |
|-----------|-------------------------------------------------------------------------|
| Ingestion | : May cause gastrointestinal irritation, nausea, vomiting and diarrhea. |
|-----------|-------------------------------------------------------------------------|

|                  |               |
|------------------|---------------|
| Chronic symptoms | : None known. |
|------------------|---------------|

## SECTION 12 Ecological information

### 12.1. Ecotoxicity

|                   |                                                                                                                                                      |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ecology - general | : Harmful to aquatic life with long lasting effects. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                          |                   |
|----------------------------------------------------------|-------------------|
| Hazardous to the aquatic environment, short-term (acute) | : Not applicable. |
|----------------------------------------------------------|-------------------|

|                                                           |                   |
|-----------------------------------------------------------|-------------------|
| Hazardous to the aquatic environment, long-term (chronic) | : Not applicable. |
|-----------------------------------------------------------|-------------------|

### Sodium C14-16 olefin sulfonate (68439-57-6)

|                 |                                  |
|-----------------|----------------------------------|
| LC50 - Fish [1] | 4.2 mg/l Danio rerio (Zebrafish) |
|-----------------|----------------------------------|

|                      |                              |
|----------------------|------------------------------|
| EC50 - Crustacea [1] | 4.53 mg/l Ceriodaphnia dubia |
|----------------------|------------------------------|

|                      |                                               |
|----------------------|-----------------------------------------------|
| EC50 72h - Algae [1] | 5.2 mg/l Skeletonema costatum (marine diatom) |
|----------------------|-----------------------------------------------|

|                |                                    |
|----------------|------------------------------------|
| LOEC (chronic) | 20 mg/l Daphnia magna (Water flea) |
|----------------|------------------------------------|

|                        |                                     |
|------------------------|-------------------------------------|
| NOEC chronic crustacea | 6.3 mg/l Daphnia magna (Water flea) |
|------------------------|-------------------------------------|

### C9-11 Ethoxylated Alcohol (68439-46-3)

|                 |                                                |
|-----------------|------------------------------------------------|
| LC50 - Fish [1] | 5 – 7 mg/l Oncorhynchus mykiss (Rainbow trout) |
|-----------------|------------------------------------------------|

|                      |                                     |
|----------------------|-------------------------------------|
| EC50 - Crustacea [1] | 2.5 mg/l Daphnia magna (Water flea) |
|----------------------|-------------------------------------|

|                      |                                          |
|----------------------|------------------------------------------|
| EC50 96h - Algae [1] | 1.4 mg/l Pseudokirchneriella subcapitata |
|----------------------|------------------------------------------|

### 12.2. Persistence and degradability

### Towel Kleen

|                               |                                      |
|-------------------------------|--------------------------------------|
| Persistence and degradability | No additional information available. |
|-------------------------------|--------------------------------------|

### Sodium C14-16 olefin sulfonate (68439-57-6)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Readily biodegradable. |
|-------------------------------|------------------------|

### C9-11 Ethoxylated Alcohol (68439-46-3)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Readily biodegradable. |
|-------------------------------|------------------------|

### Fatty acids, C8-18 and C18-unsatd., compds. with diisopropanolamine (68855-69-6)

|                               |                                 |
|-------------------------------|---------------------------------|
| Persistence and degradability | Readily biodegradable in water. |
|-------------------------------|---------------------------------|

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### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

|                              |                  |
|------------------------------|------------------|
| Ozone                        | : Not classified |
| Other adverse effects        | : None known.    |
| Fluorinated greenhouse gases | : No             |

## SECTION 13 Disposal considerations

|                           |                                                                                                                                                                       |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Regional waste regulation | : Dispose of in accordance with applicable federal, state, and local regulations.                                                                                     |
| Waste treatment methods   | : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container in accordance with licensed collector's sorting instructions. |

## SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

| DOT                                     | TDG           | IMDG          | IATA          |
|-----------------------------------------|---------------|---------------|---------------|
| <b>14.1. UN number</b>                  |               |               |               |
| Not regulated for transport             |               |               |               |
| <b>14.2. Proper Shipping Name</b>       |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated |
| <b>14.3. Transport hazard class(es)</b> |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated |
| <b>14.4. Packing group</b>              |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated |
| <b>14.5. Environmental hazards</b>      |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated |
| No supplementary information available  |               |               |               |

### 14.6. Transport in bulk

Not applicable

### 14.7. Special precautions for user

**DOT**  
Not regulated

**TDG**  
Not regulated

**IMDG**  
Not regulated

**IATA**  
Not regulated

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### SECTION 15 Regulatory information

#### 15.1. Federal regulations

##### Towel Kleen

SARA Section 311/312 Hazard Classes

Refer to Section 2 for OSHA Hazard Classification.

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

#### 15.2. International regulations

No additional information available

#### 15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

### SECTION 16 Other information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS 2024)

Revision date : 3/12/2026

Issue date : 3/12/2026

Data sources : This safety data sheet was compiled with data and information from the following sources :  
ECHA, ECOSAR, HSDB, SIDS SIAP, CESAR, Chemical DB.

#### Full text of hazard classes and H-statements

H318

Causes serious eye damage

#### Indication of changes:

New version. All chapters have been modified since the previous version.

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.