SAFETY DATA SHEET
TRESemmé Conditioner – All Variants
Moisture Rich, Platinum Strength, Flawless Curls, Color Revitalize,
Naturals Radiant Volume, Keratin Smooth, Perfectly (UN) Done

Section 1. Identification

Product name : TRESemmé Conditioner – All Variants
Moisture Rich, Platinum Strength, Flawless Curls, Color Revitalize,
Naturals Radiant Volume, Keratin Smooth, Perfectly (UN) Done
Product type : Hair Conditioner
UPC Code : 022400651910, 022400264455, 022400624198, 022400643618,
022400624471, 022400337395, 022400429809
Internal product code : M_83200760, M_83201017, M_83207993, M_83208046,
M_83208570, M_83222857, M_83251222

Relevant identified uses of the substance or mixture and uses advised against

<table>
<thead>
<tr>
<th>Identified uses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industrial uses: Uses of substances as such or in preparations at industrial sites</td>
</tr>
<tr>
<td>Consumer uses: Private households (= general public = consumers)</td>
</tr>
<tr>
<td>Professional uses: Public domain (administration, education, entertainment, services, craftsmen)</td>
</tr>
</tbody>
</table>

Supplier's details : UNILEVER
700 Sylvan Avenue
Englewood Cliffs NJ 07632
USA

Emergency telephone number (with hours of operation) : Phone #: 800-761-3683 Monday thru Friday (8:30 AM – 5:00 PM EST)
Emergency #: 800-745-9269 (24 hours)
Poison Control #: 800-949-7866 (24 hours)
CHEMTREC #: 800-424-9300(24 hours, Transportation Emergencies)
Consumer Information:
For information regarding the use of this product by a consumer, please refer directly to the product label. This industrial MSDS is provided for workplace employees, per US OSHA regulations. It contains recommendations for handling of this product in an occupational, or workplace, setting.

Any first aid or warnings that are applicable to consumer use are stated directly on the product label, in accordance with all applicable government regulations.

Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture : SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A

GHS label elements

Hazard pictograms :

Signal word : Warning
Hazard statements : Causes serious eye irritation.

Precautionary statements

General : Keep out of reach of children.
Prevention : Not applicable.
Response : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Storage : Not applicable.
Disposal : Not applicable.
Supplemental label elements : None known.
Hazards not otherwise classified : None known.

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

CAS number/other identifiers

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>%</th>
<th>CAS number</th>
</tr>
</thead>
</table>

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**Section 4. First-aid measures**

**Description of necessary first aid measures**

**Eye contact**
- Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

**Inhalation**
- Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

**Skin contact**
- Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

**Ingestion**
- Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

**Most important symptoms/effects, acute and delayed**

**Potential acute health effects**

- **Eye contact**: Causes serious eye irritation.
- **Inhalation**: No known significant effects or critical hazards.
- **Skin contact**: No known significant effects or critical hazards.
Ingestion : Irritating to mouth, throat and stomach.

**Over-exposure signs/symptoms**

Eye contact : Adverse symptoms may include the following:
- pain or irritation
- watering
- redness

Inhalation : No specific data.

Skin contact : No specific data.

Ingestion : No specific data.

**Indication of immediate medical attention and special treatment needed, if necessary**

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments : No specific treatment.

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

### Section 5. Fire-fighting measures

**Extinguishing media**

| Suitable extinguishing media | Use an extinguishing agent suitable for the surrounding fire. |
| Unsuitable extinguishing media | None known. |
| NFPA 30B Classification | Not available. |

**Specific hazards arising from the chemical**

Hazardous thermal decomposition products : In a fire or if heated, a pressure increase will occur and the container may burst.

No specific data.

**Special protective actions for firefighters**

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for firefighters**

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

### Section 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**
For non-emergency personnel: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders: If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Small spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill: Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

Protective measures: Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, including any incompatibilities: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>Exposure limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethicone</td>
<td>AIHA WEEL 2001-01-01 CEIL 2 ppm</td>
</tr>
</tbody>
</table>

Appropriate engineering controls: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Skin protection

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering
the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body protection**

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection**

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection**

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

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**Section 9. Physical and chemical properties**

**Appearance**

- **Physical state**: liquid
- **Colour**: Various tinted shades
- **Odour**: perfumed
- **Odour threshold**: Not available.
- **pH**: 5.0 [Conc. (% w/w): 1,000 g/l]
- **Melting point**: Not applicable
- **Boiling point**: Not available.
- **Flash point**: Not available.
- **Evaporation rate**: Not available.
- **Flammability (solid, gas)**: Not available.
- **Lower and upper explosive (flammable) limits**
  - **Lower**: Not available.
  - **Upper**: Not available.
- **Vapour density**: Not available.
- **Relative density**: Not available.
- **Solubility**: Not available.
- **Solubility in water**: Not available.
- **Partition coefficient: n-octanol/water**: Not available.
- **Auto-ignition temperature**: Not available.
- **Decomposition temperature**: Not available.
- **Viscosity**
  - **Dynamic**: Not available.
  - **Kinematic**: Not available.
Section 10. Stability and reactivity

Reactivity : No specific test data related to reactivity available for this product or its ingredients.
Chemical stability : The product is stable.
Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid : No specific data.
Incompatible materials : No specific data.
Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity
Conclusion/Summary : Very low toxicity to humans or animals.

Irritation/Corrosion
Conclusion/Summary Skin : The mixture is not an irritant for the skin.
Eyes : Causes serious eye irritation.
Respiratory : Based on available data, the classification criteria are not met.

Sensitisation
Conclusion/Summary Skin : Based on available data, the classification criteria are not met.
Respiratory : Based on available data, the classification criteria are not met.

Mutagenicity
Conclusion/Summary : Not applicable.

Carcinogenicity
Conclusion/Summary : Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

Reproductive toxicity
Conclusion/Summary : Not applicable.

Teratogenicity
Conclusion/Summary : Not applicable.
Specific target organ toxicity (single exposure)
Not available.

Specific target organ toxicity (repeated exposure)
Not available.

Aspiration hazard
Not available.

Information on the likely routes of exposure : Not available.

Potential acute health effects

Eye contact : Causes serious eye irritation.
Inhalation : No known significant effects or critical hazards.
Skin contact : No known significant effects or critical hazards.
Ingestion : Irritating to mouth, throat and stomach.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : Adverse symptoms may include the following:
pain or irritation
watering
redness
Inhalation : No specific data.
Skin contact : No specific data.
Ingestion : No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : Not available.
Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.
Potential delayed effects : Not available.

Potential chronic health effects

Conclusion/Summary : Very low toxicity to humans or animals.

General : No known significant effects or critical hazards.
Carcinogenicity : No known significant effects or critical hazards.
Mutagenicity : No known significant effects or critical hazards.
Teratogenicity : No known significant effects or critical hazards.
Developmental effects : No known significant effects or critical hazards.
Fertility effects : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

<table>
<thead>
<tr>
<th>Route</th>
<th>ATE value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral</td>
<td>&gt;5,000 mg/kg</td>
</tr>
</tbody>
</table>

Section 12. Ecological information

Toxicity

Conclusion/Summary : No known significant effects or critical hazards.

Persistence and degradability

Conclusion/Summary : No known significant effects or critical hazards.

Conclusion/Summary Mobility in soil

Soil/water partition coefficient (KOC) : Not available.

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

RCRA classification : No known significant effects or critical hazards.

United States - RCRA Acute hazardous waste "P" List: Not listed

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United States - RCRA Toxic hazardous waste "U" List: Not listed

**Section 14. Transport information**

<table>
<thead>
<tr>
<th>FOR SHIPMENT IN CONSUMER PACKAGING</th>
<th>GROUND</th>
<th>WATER</th>
<th>AIR</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROPER SHIPPING NAME:</td>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
</tr>
<tr>
<td>HAZARD CLASS:</td>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
</tr>
<tr>
<td>UN/ID #:</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>PACKING GROUP:</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>REQUIRED LABELING:</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>LABEL TYPE:</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>ADDITIONAL INFORMATION:</td>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
</tr>
</tbody>
</table>

**Special precautions for user**: Transport within user’s premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product have been trained in the event of an accident or spillage.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not available.

**Section 15. Regulatory information**

**U.S. Federal regulations**: United States - TSCA 8(d) - Health and safety studies: Not listed
United States - TSCA 8(c) - Significant adverse reaction (SAR): Not listed
United States - TSCA 8(a) - Preliminary assessment report (PAIR): Listed Dimethicone
United States - TSCA 8(a) - Chemical Data Reporting (CDR): Not determined
United States - TSCA 8(a) - Dioxin/Furan precursor: Not listed
United States - TSCA 8(a) - Chemical risk rules: Not listed
United States - TSCA 6 - Proposed risk management: Not listed
United States - TSCA 6 - Final risk management: Not listed
United States - TSCA 5(e) - Substances consent order: Not listed
United States - TSCA 5(a)2 - Proposed significant new use rules: Not listed
United States - TSCA 5(a)2 - Final significant new use rules: Not listed
Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs): Not listed
Clean Air Act Section 602 Class I Substances: Not listed
Clean Air Act Section 602 Class II Substances: Not listed
DEA List I Chemicals (Precursor Chemicals): Not listed
DEA List II Chemicals (Essential Chemicals): Not listed

SARA 302/304

Composition/information on ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>%</th>
<th>EHS</th>
<th>SARA 302/304</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethicone</td>
<td>0 - 5</td>
<td>Yes.</td>
<td>SARA 302 TPQ: 500 lb/lbs</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SARA 304 RQ: 500 lb/lbs</td>
</tr>
</tbody>
</table>

SARA 304 RQ: 37034.6 lbs

SARA 311/312

Classification: Immediate (acute) health hazard

Composition/information on ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>%</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethicone</td>
<td>0 - 5</td>
<td>F, AH, CH</td>
</tr>
</tbody>
</table>

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SARA 313
None of the components are listed.

State regulations
Massachusetts : The following components are listed:
               Dimethicone
New York : The following components are listed:
           Dimethicone
New Jersey : The following components are listed:
           Dimethicone
Pennsylvania : The following components are listed:
              Dimethicone

US California 22CCR Appendix X Substances

Not Listed
California Prop. 65 : Not available.
United States inventory (TSCA 8b) : Exempted

Canada inventory : Not determined.

International regulations
                    New Zealand Inventory of Chemicals (NZIoC): Not determined.
                    Korea inventory: Not determined.
                    China inventory (IECSC): Not determined.
                    Japan inventory: Not determined.
                    Malaysia Inventory (EHS Register): Not determined.
                    Taiwan inventory (CSNN): Not determined.
                    Australia inventory (AICS): Not determined.

Chemical Weapons Convention
List Schedule I Chemicals : Not listed
Chemical Weapons Convention
List Schedule II Chemicals : Not listed
Chemical Weapons Convention
List Schedule III Chemicals : Not listed

Section 16. Other information

reprinted material is not the complete and official position of the National Fire Protection Association, on
the referenced subject which is represented only by the standard in its entirety.
Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is
intended to be interpreted and applied only by properly trained individuals to identify fire, health and
reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with
recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only.
Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals
does so at their own risk.

History
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              Unilever Regulatory Affairs
              40 Merritt Blvd
              Trumbull, CT 06611
              USA

Key to abbreviations : ATE = Acute Toxicity Estimate
                        ACGIH = American Conference of Governmental & Industrial Hygienists
                        AH = Acute Hazard
                        BCF = Bioconcentration Factor
                        CAA = Clean Air Act
                        CARB = California Air Resources Board
                        CCR = California Code of Regulations
                        CERCLA = Comprehensive Environmental Response, Compensation &
                        Liability Act
                        CFR = Code of Federal Regulations
                        CH = Chronic Hazard
                        CWA = Clean Water Act
                        DEA = Drug Enforcement Administration
                        DOT = Department of Transportation
                        EC = European Commission
                        EPCRA = Emergency Planning and Community Right-To-Know Act
                        EST = Eastern Standard Time
                        F = Fire
                        HAPS = Hazardous Air Pollutants
                        HCS = Hazard Communication Standard
                        HMIS = Hazardous Materials Information System
                        HVOC = High Volatile Organic Compound
                        GHS = Globally Harmonized System of Classification and Labelling of
                        Chemicals
                        IARC = International Agency for the Research of Cancer
                        IATA = International Air Transport Association
                        IBC = Intermediate Bulk Container
                        ICAO = International Civil Aviation Organization
                        IMDG = International Maritime Dangerous Goods
                        IMO = International Maritime Organization
                        ITC = Interagency Testing Committee (TSCA)
                        KOC = Organic Carbon/Water Partition Constant
                        LogPow = logarithm of the octanol/water partition coefficient
                        LVOC = Low Volatile Organic Compound
                        MARPOL 73/78 = International Convention for the Prevention of Pollution
From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
MPPCF = Million Particles Per Cubic Foot
N/A = Not Applicable
NFPA = National Fire Protection Association
NOEC = No Observable Effect Concentration
NTP = National Toxicology Program
OSHA = Occupation Safety & Health Administration
PEL = Permissible Exposure Limit
RCRA = Resource Conservation & Recovery Act
RQ = Reportable Quantity
RTK = Right-To-Know
SARA = Superfund Amendments & Reauthorization Act
STEL = Short-Term Exposure Limit
TBD = To Be Determined
TCC = Tagliabue Closed Cup
TCLP = Toxicity Characteristic Leaching Procedure
TDG = Transport of Dangerous Goods
TLV = Threshold Limit Value
TSCA = Toxic Substances Control Act
TWA = Time Weighted Average
UN = United Nations

References
Evaluation method used for mixture classification: Calculation method.

Notice to reader
To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.