

Safety Data Sheet



Stock Number: 3018045
Revision Date: 07-22-2022
Replaces: 04-15-2019

TECTYL® 714

1. Identification

Product identifier used on the label: **TECTYL® 714**
Stock Number: 3018045

Other means of identification:

Synonyms: None
Chemical family: Mixture

Recommended use of the chemical and restrictions on use:

Recommended use: Corrosion Preventive Compound
Restrictions on use: Uses other than those described above

Name, address, and telephone number
of the chemical manufacturer,
importer, or other responsible party: Daubert Chemical Company
4700 S. Central Avenue
Chicago, IL 60638

Telephone number: 1-708-496-7350
E-mail address: SDS@Daubert.com

Emergency phone number: Chemtrec: (800) 424-9300 - in USA and Canada
+1-703-527-3887 - outside USA and Canada

2. Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200:

GHS Hazard
Symbols:



GHS Classification: Aspiration Hazard Category 1

Signal Word: Danger

Hazard Statements: May be fatal if swallowed and enters airways

Unclassified Hazards (HNOC): None Identified

Precautionary Statements:

Response: If swallowed: Immediately call a POISON CENTER or doctor/physician.
Do NOT induce vomiting.

Storage: Store locked up.

Disposal: Dispose of contents/container to a suitable disposal site in accordance with local/national/international regulations.

Hazards not otherwise classified: No data available

Safety Data Sheet

Product identifier used on the label: TECTYL® 714

Stock Number: 3018045

Revision Date: 07-22-2022

Replaces: 04-15-2019

3. Composition/information on ingredients

| Chemical Name | Common name and synonyms | CAS # | % |
|---|--------------------------|------------|---------|
| Hydrotreated middle distillate | None | 64742-46-7 | 10 - 30 |
| Sulfonic acids, petroleum, sodium salts | None | 68608-26-4 | 3 - 7 |
| Petrolatum (petroleum), oxidized, zinc salt | None | 68918-69-4 | 1 - 5 |

Specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

4. First-aid measures

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

| | |
|--|---|
| Inhalation: | If symptoms are experienced remove source of contamination or move victim to fresh air and obtain medical advice. |
| Eye Contact: | Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention. |
| Skin Contact: | Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists. |
| Ingestion: | Do not induce vomiting and seek medical attention immediately. Provide medical care provider with this SDS. |
| Most important symptoms/effects, acute and delayed: | May be fatal if swallowed and enters airways |
| Indication of immediate medical attention and special treatment needed, if necessary: | Consult a physician. Treat symptomatically. |

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media:

| | |
|--|--|
| Suitable extinguishing media: | Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire. |
| Unsuitable extinguishing media: | Do not use water jet as an extinguisher, as this will spread the fire. |

Safety Data Sheet

Product identifier used on the label: TECTYL® 714

Stock Number: 3018045

Revision Date: 07-22-2022

Replaces: 04-15-2019

Specific hazards arising from the chemical:

Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire. Empty containers that retain product residue (liquid, solid/sludge, or vapor) can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks, static electricity, or other sources of ignition. Any of these actions can potentially cause an explosion that may lead to injury or death.

Hazardous combustion products:

Hydrocarbons, Oxides of carbon

Special protective equipment and precautions for fire-fighters:

Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Use appropriate methods for the surrounding fire.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section 8 of this SDS. Additional precautions may be necessary based on special circumstances created by the spill including the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill.

Methods and materials for containment and cleaning up:

Collect and discard in accordance with local, state, and national regulations.

7. Handling and storage

Precautions for safe handling:

Avoid contacting and avoid breathing the material. Use only in a well-ventilated area. Remove contaminated clothing and wash before reuse. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Do not get in eyes, on skin and clothing. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

Conditions for safe storage, including any incompatibilities:

Safe storage conditions:

Store in a cool dry ventilated location. Isolate from incompatible materials and conditions. Keep container(s) closed. Keep away from heat, sparks, and flame. Do not store in direct sunlight

Materials to Avoid/Chemical Incompatibility:

Strong oxidizing agents

Safety Data Sheet

Product identifier used on the label: TECTYL® 714

Stock Number: 3018045

Revision Date: 07-22-2022

Replaces: 04-15-2019

8. Exposure controls/personal protection

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available:

| Chemical component | OSHA PEL | ACGIH TLV | ACGIH STEL | IDLH |
|--------------------------------|--------------------|--------------------|---------------------|-------------------|
| Hydrotreated middle distillate | 5 mg/m3 (oil mist) | 5 mg/m3 (oil mist) | 10 mg/m3 (oil mist) | No data available |

This product contains mineral oils having recommended exposure limits of 5 mg/m3 in mist form. Because the viscosity of this product is ≤ 20.5 cSt, mists can be formed in certain applications. If mists do form, use appropriate controls to maintain exposure below the stated limits.

Appropriate engineering controls:

Local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure.

Engineering controls must be designed to meet the OSHA chemical specific standard in 29 CFR 1910.

Individual protection measures, such as personal protective equipment:

Respiratory Protection:

Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. Follow a respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements whenever workplace conditions warrant the use of a respirator.

Eye protection:

Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available.

Skin protection:

Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

Gloves:

Chemically resistant gloves

Other protective equipment:

Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available.

Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly.

Safety Data Sheet

Product identifier used on the label: TECTYL® 714

Stock Number: 3018045

Revision Date: 07-22-2022

Replaces: 04-15-2019

General hygiene conditions:

Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

Remove contaminated clothing and wash before reuse. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Do not get in eyes, on skin and clothing. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

9. Physical and chemical properties

Appearance (physical state, color etc.):

Physical state: Liquid

Color: Amber

Odor: Solvent Odor

Slight

Odor Threshold: No data available

pH: No data available

Melting point/freezing point (°C):

Melting Point (°C): No data available

Freezing point (°C): No data available

Initial boiling point and boiling range (°C): No data available

Flash Point: > 275 °F (135 °C)

Evaporation Rate: No data available

Flammability (solid, gas): No data available

Upper/lower flammability or explosive limits:

Upper flammability or explosive limits: No data available

Lower flammability or explosive limits: No data available

Vapor pressure: < 0.06 mmHg @ 20°C

Vapor density: No data available

Relative density: 0.899

Solubility(ies): Insoluble

Partition coefficient: n-octanol/water: No data available

Auto-ignition temperature (°C): No data available

Decomposition Temperature (°C): No data available

Viscosity: 19 cSt @ 40°C

Volatiles, % by weight: 29

Safety Data Sheet

Product identifier used on the label: TECTYL® 714

Stock Number: 3018045

Revision Date: 07-22-2022

Replaces: 04-15-2019

| | |
|--|-------|
| VOC, Material, lb/gal | 2.18 |
| VOC, Material, grams/liter | 261.5 |
| VOC minus exempt solvents & water, g/L | 261.5 |

10. Stability and reactivity

| | |
|--|--|
| Reactivity: | Not expected to be reactive |
| Chemical stability: | Hazardous polymerization will not occur. |
| Possibility of hazardous reactions: | Under normal conditions of storage and use, hazardous reactions will not occur. |
| Conditions to avoid (e.g., static discharge, shock, or vibration): | Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition. Contamination. |
| Incompatible materials: | Strong oxidizing agents |
| Hazardous decomposition products: | Under normal conditions of use & storage, decomposition and hazardous decomposition products are unlikely. |

11. Toxicological information

Description of the various toxicological (health) effects and the available data used to identify those effects:

| | |
|---|--|
| Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): | Eye contact, Skin contact, Inhalation |
| Symptoms related to the physical, chemical and toxicological characteristics: | May be fatal if swallowed and enters airways |

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

| | |
|----------------------|--|
| Ingestion Toxicity: | Harmful if swallowed. Estimated to be 2.0 - 5.0 g/kg; slightly toxic |
| Skin Contact: | Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage. |
| Inhalation Toxicity: | No data available |
| Eye Contact: | Contact with the eyes may cause moderate to severe eye injury. Eye contact may result in tearing and reddening, but not likely to permanently injure eye tissue. Temporary vision impairment (cloudy or blurred vision) is possible. |
| Sensitization: | None known |
| Mutagenicity: | No data |

Safety Data Sheet

Product identifier used on the label: TECTYL® 714

Stock Number: 3018045

Revision Date: 07-22-2022

Replaces: 04-15-2019

| | |
|---|--|
| Reproductive and Developmental Toxicity: | No data available |
| Carcinogenicity: | There are no carcinogenic ingredients present at or over 0.1%. |
| STOT-single exposure: | Based on available data, the classification criteria are not met. |
| STOT-repeated exposure: | Based on available data, the classification criteria are not met. |
| Aspiration hazard: | Classification has been based on toxicological information of the components in Section 3. |

Numerical measures of toxicity (such as acute toxicity estimates):

| Chemical Name | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|-------------------|-----------|-------------|-----------------|
| No data available | | | |

Is the hazardous chemical listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has it been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA?:

| Chemical Name | OSHA Carcinogen | IARC Carcinogen | NTP Carcinogen |
|--|-----------------|-----------------|----------------|
| No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen. | | | |

12. Ecological information

Ecotoxicity (aquatic and terrestrial, where available): No data available

Ecological Toxicity Data:

| Chemical Name | CAS # | Aquatic EC50 Crustacea | Aquatic ERC50 Algae | Aquatic LC50 Fish |
|---|------------|------------------------|---------------------|-----------------------------------|
| Petrolatum (petroleum), oxidized, zinc salt | 68918-69-4 | No data available | No data available | LC50(96 HR) FISH 10 - 100 mg/L |

Persistence and degradability: No data

Bioaccumulative potential: No data available

Mobility in soil: No data available

Other adverse effects (such as hazardous to the ozone layer): No data available

Safety Data Sheet

Product identifier used on the label: TECTYL® 714

Stock Number: 3018045

Revision Date: 07-22-2022

Replaces: 04-15-2019

13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:

Spent or discarded material is not expected to be a hazardous waste.

Dispose of in accordance with Local and National regulations.

14. Transport information

| | |
|---|------------------------------------|
| Domestic Ground in containers <= 119 GL | Corrosion preventive/Non-Hazardous |
| Domestic Ground in containers > 119 GL | Corrosion preventive/Non-Hazardous |
| Shipping name for Export, Air (IATA) | Corrosion preventive/Non-Hazardous |
| Shipping name for Export, Sea (IMDG) | Corrosion preventive/Non-Hazardous |
| Marine Pollutant? | No |

15. Regulatory information

International Inventory

| Country(s) or region | | On inventory (yes/no)* |
|----------------------|--|------------------------|
| Australia | Australian Inventory of Chemical Substances (AICS) | Yes |
| Canada | Domestic Substances List (DSL) | Yes |
| Canada | Non-Domestic Substances List (NDSL) | No |
| China | Inventory of Existing Chemical Substances in China (IECSC) | No |
| Europe | European Inventory of Existing Commercial Chemical Substances (EINECS) | Yes |
| Europe | European List of Notified Chemical Substances (ELINCS) | No |

Safety Data Sheet

Product identifier used on the label: TECTYL® 714

Stock Number: 3018045

Revision Date: 07-22-2022

Replaces: 04-15-2019

| | | |
|-----------------------------|--|-----|
| Japan | Inventory of Existing and New Chemical Substances (ENCS) | Yes |
| Korea | Existing Chemicals List (ECL) | Yes |
| New Zealand | New Zealand Inventory | No |
| Philippines | Philippines Inventory of Chemicals and Chemical Substances (PICCS) | Yes |
| Taiwan | Taiwan Inventory | Yes |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or are unknown from listing on the inventory administered by the governing country(s).

| Chemical Name | CAS # | Regulation | Percent |
|---|------------|--|----------------|
| Contains no components from California Prop. 65 - Cancer list | | Prop. 65 - Cancer | |
| Contains no components from California Prop. 65 - Developmental/Reproductive list | | Prop. 65 - Developmental and/or Reproductive | |
| Sodium hydroxide | 1310-73-2 | CERCLA | TRACE |
| | | | RQ = 1000 lbs. |
| Zinc Compounds (N982) | 68918-69-4 | SARA 313 | 1 - 5 |
| No SARA 302 EHS-listed chemicals in this product. | | SARA EHS | |

Safety Data Sheet

Product identifier used on the label: TECTYL® 714

Stock Number: 3018045

Revision Date: 07-22-2022

Replaces: 04-15-2019

| |
|---|
| 16. Other information, including date of preparation or last revision. |
|---|

SDS Prepared by: DAUBERT\HALINSKI

Revision Date: 07-22-2022

Revision Number: 17

Reason for revision: Reviewed
Approved: M. Longo

Disclaimer: Although the information contained herein is believed to be reliable, it is furnished without warranty of any kind. This information is not intended to be all-inclusive as to the manner and conditions of use, handling, and storage.