

# Safety Data Sheet

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Revision Number 18



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

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### Product identification used on label

|                                                                               |                                                                                         |
|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| Product identifier                                                            | 3115<br>TECTYL® 502C, CLASS II                                                          |
| Details of the supplier of the safety data sheet                              | Daubert Chemical Company<br>4700 S. Central Avenue<br>Chicago, IL 60638<br>708-496-7350 |
| Emergency telephone number                                                    | Chemtrec: (800) 424-9300                                                                |
| Relevant identified uses of the substance or mixture and uses advised against | Corrosion Preventive Compound                                                           |

## SECTION 2 Hazards identification

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

GHS Hazard  
Symbols



|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GHS Classification       | Skin Corrosion/Irritation Category 2<br>Serious Eye Damage/Eye Irritation Category 2B<br>Flammable Liquid Category 3<br>Specific Target Organ Systemic Toxicity (STOT) - Single Exposure Category 3<br>Hazardous to the aquatic environment - Acute Category 3                                                                                                                                                                  |
| Signal Word              | Warning                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Hazard Statements        | Flammable liquid and vapor<br>Causes skin and eye irritation<br>May cause respiratory irritation<br>May cause drowsiness or dizziness<br>Harmful to aquatic life.                                                                                                                                                                                                                                                               |
| Precautionary Statements |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Prevention               | Keep away from heat/sparks/open flames/hot surfaces. – No smoking.<br>Ground/bond container and receiving equipment.<br>Use explosion-proof equipment.<br>Use only non-sparking tools.<br>Take precautionary measures against static discharge.<br>Avoid breathing dust/fume/gas/mist/vapours/spray.<br>Wash thoroughly after handling.<br>Use only outdoors or in a well-ventilated area.<br>Avoid release to the environment. |

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|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Response</b> | Wear protective gloves/protective clothing/eye protection/face protection.<br>IF ON SKIN: Wash with plenty of soap and water.<br>IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.<br>IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.<br>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>Call a POISON CENTER or doctor/physician if you feel unwell.<br>Specific treatment: None known<br>If skin irritation occurs: Get medical advice/attention.<br>If eye irritation persists: Get medical advice/attention. |
| <b>Storage</b>  | Use dry chemical, water fog, CO2, foam or sand/earth for extinction.<br>Store in a well-ventilated place. Keep container tightly closed.<br>Store in a well-ventilated place. Keep cool.<br>Store locked up.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Disposal</b> | Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

## SECTION 3 Composition/information on ingredients

| Chemical Name                               | CAS #      | %       |
|---------------------------------------------|------------|---------|
| Petrolatum (petroleum), oxidized, zinc salt | 68918-69-4 | 30 - 50 |
| Hydrotreated light distillate (Petroleum)   | 64742-47-8 | 30 - 50 |

Note: Specific chemical identities and/or exact percentages have been withheld as a trade secret.

## SECTION 4 First aid measures

|                                                                               |                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>                                                             | If symptoms are experienced remove source of contamination or move victim to fresh air and obtain medical advice.                                                                                 |
| <b>Eyes</b>                                                                   | 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. |
| <b>Skin Contact</b>                                                           | Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.                                                                     |
| <b>Ingestion</b>                                                              | Do not induce vomiting and seek medical attention immediately. Provide medical care provider with this SDS. If vomiting occurs, lean victim forward to reduce risk of aspiration into lungs.      |
| <b>Most important symptoms/effects, acute and delayed</b>                     | See Section 11                                                                                                                                                                                    |
| <b>Indication of immediate medical attention and special treatment needed</b> | Treat symptomatically.                                                                                                                                                                            |

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## SECTION 5 Firefighting measures

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|                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media:</b>        | Use alcohol resistant foam, carbon dioxide, dry chemical, or water spray 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 fire.                                                                                                                                                                                                                                                                                                                                           |
| <b>Unsuitable extinguishing media:</b>      | Do not use water jet as an extinguisher, as this will spread the fire.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Fire and/or Explosion Hazards</b>        | Vapors may be ignited by sparks, flames or other sources of ignition if material is above the flash point giving rise to a fire (Class B). Vapors are heavier than air and may travel to a source of ignition and flash back. 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. |
| <b>Fire Fighting Methods and Protection</b> | Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products. Use appropriate methods for the surrounding fire.                                                                                                                                                                                                                                                                     |
| <b>Hazardous Combustion Products</b>        | Carbon dioxide, Carbon monoxide, Hydrocarbons, Sulfur compounds                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

## SECTION 6 Accidental release measures

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|                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section VIII 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. |
| <b>Methods and materials for containment and cleaning up</b>               | Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section VIII at a minimum. Dike with suitable absorbent material like granulated clay. Gather and store in a sealed container pending a waste disposal evaluation.                                                                   |

## SECTION 7 Handling and storage

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|                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Precautions for safe handling</b>                                | Avoid contacting and avoid breathing the material. Use only in a well ventilated area. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Wash thoroughly after handling. Do not get in eyes, on skin and clothing. Ground and bond containers when transferring material. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. |
| <b>Conditions for safe storage, including any incompatibilities</b> | 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                                                                                                                                                                                                                         |
| <b>Incompatible materials</b>                                       | Strong oxidizing agents                                                                                                                                                                                                                                                                                                                                                                                                |

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## SECTION 8 Exposure controls/personal protection

### Control parameters

| <u>Chemical Name</u> | <u>ACGIH TLV</u> | <u>ACGIH STEL</u> | <u>OSHA PEL</u> |
|----------------------|------------------|-------------------|-----------------|
|----------------------|------------------|-------------------|-----------------|

|                                           |           |  |  |
|-------------------------------------------|-----------|--|--|
| Hydrotreated light distillate (Petroleum) | 200 mg/m3 |  |  |
|-------------------------------------------|-----------|--|--|

**Engineering Measures** 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. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits

**Respiratory Protection** Proper ventilation (at a minimum) will be required when handling this product. Use respirators (NIOSH approved) only if ventilation cannot be used to eliminate symptoms or reduce the exposure to below acceptable levels. Follow a respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements whenever work place conditions warrant the use of a respirator.

**Eye Protection** Wear chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses.

**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

## SECTION 9 Physical and chemical properties (Typical, not specification)

|                                                    |                     |
|----------------------------------------------------|---------------------|
| <b>Physical State</b>                              | Liquid              |
| <b>Color</b>                                       | Amber               |
| <b>Odor</b>                                        | Slight Solvent Odor |
| <b>Odor Threshold</b>                              | No data available   |
| <b>pH</b>                                          | No data available   |
| <b>Melting Point/freezing point, °C</b>            | No data available   |
| <b>Initial boiling point and boiling range, °C</b> | No data available   |
| <b>Flash Point</b>                                 | 105 °F( 41 °C)      |
| <b>Evaporation Rate</b>                            | No data available   |
| <b>Flammability (Solid, Gas)</b>                   | No data available   |
| <b>Lower Flammable/Explosive Limit, % in air</b>   | No data available   |
| <b>Upper Flammable/Explosive Limit, % in air</b>   | No data available   |
| <b>Vapor Pressure</b>                              | 2 mmHg              |
| <b>Vapor Density</b>                               | >1 (Air=1)          |
| <b>Specific Gravity @ 25°C</b>                     | 0.87                |
| <b>Solubility in Water</b>                         | Negligible; 0-1%    |
| <b>Octanol/Water Partition Coefficient</b>         | No data available   |
| <b>Autoignition Temperature</b>                    | No data available   |
| <b>Decomposition Temperature</b>                   | No data available   |

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|                            |                        |
|----------------------------|------------------------|
| Viscosity                  | Typical 200 cSt @ 40°C |
| Volatiles, % by weight     | 33                     |
| VOC, Material, lb/gal      | 2.4                    |
| VOC, Material, grams/liter | 287.9                  |

## SECTION 10 Stability and reactivity

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|                                           |                                                                                                            |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Reactivity</b>                         | No data available                                                                                          |
| <b>Chemical stability</b>                 | Stable under normal conditions. Hazardous polymerization will not occur.                                   |
| <b>Possibility of hazardous reactions</b> | Under normal conditions of storage and use, hazardous reactions will not occur.                            |
| <b>Conditions to avoid</b>                | Contamination. Elevated temperatures.                                                                      |
| <b>Incompatible materials</b>             | Strong oxidizing agents                                                                                    |
| <b>Hazardous decomposition products</b>   | Under normal conditions of use & storage, decomposition and hazardous decomposition products are unlikely. |

## SECTION 11 Toxicological information

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|                                                       |                                                                                                       |
|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| <b>Likely Routes of Entry</b>                         | Skin contact, Inhalation, Eye contact                                                                 |
| <b>Target Organs Potentially Affected by Exposure</b> | Respiratory Tract, Skin, Eyes, Kidneys, Liver, Nervous System                                         |
| <b>Chemical Interactions That Change Toxicity</b>     | No chemical interaction known to affect toxicity.                                                     |
| <b>Medical Conditions Aggravated</b>                  | Skin contact may aggravate existing skin disease, Respiratory disease including asthma and bronchitis |

### Immediate (Acute) Health Effects by Route of Exposure

|                              |                                                                                                                                                                                                        |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation Irritation</b> | Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache. Other possible symptoms include; wheezing and coughing due to pulmonary edema (fluid build-up in lungs). |
| <b>Skin Contact</b>          | Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.                                                                                                   |
| <b>Skin Absorption</b>       | No absorption hazard expected in normal industrial use.                                                                                                                                                |
| <b>Eye Contact</b>           | Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.                                                                                                 |
| <b>Ingestion Irritation</b>  | Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.      |
| <b>Ingestion Toxicity</b>    | Harmful if swallowed.                                                                                                                                                                                  |

### Long-Term (Chronic) Health Effects

|                        |                                                                                                                                                                |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Carcinogenicity</b> | There are no carcinogenic ingredients present at or over 0.1%.                                                                                                 |
| <b>Inhalation</b>      | Upon prolonged and/or repeated exposure, can cause severe respiratory irritation, dizziness, weakness, fatigue, nausea, headache and possible unconsciousness. |
| <b>Skin Contact</b>    | Upon prolonged or repeated contact, can cause minor skin irritation, defatting, and dermatitis.                                                                |
| <b>Skin Absorption</b> | Upon prolonged or repeated exposure, no hazard in normal industrial use.                                                                                       |
| <b>Ingestion</b>       | Under normal industrial usage conditions, ingestion is highly unlikely.                                                                                        |

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## Component Toxicology Data

| Chemical Name                               | CAS Number | LD50/LC50                                                                                        |
|---------------------------------------------|------------|--------------------------------------------------------------------------------------------------|
| Petrolatum (petroleum), oxidized, zinc salt | 68918-69-4 | Dermal LD50 Rabbit > 2000 mg/kg Oral LD50 Rat > 5000 mg/kg                                       |
| Hydrotreated light distillate (Petroleum)   | 64742-47-8 | Dermal LD50 Rabbit > 2000 mg/kg Oral LD50 Rat > 5000 mg/kg<br>Inhalation LC50 (4h) Rat > 20 mg/L |

## SECTION 12 Ecological information

|                 |                                     |
|-----------------|-------------------------------------|
| Overview        | No ecological information available |
| Mobility        | No data                             |
| Persistence     | No data                             |
| Bioaccumulation | No data                             |
| Degradability   | No data                             |

## Ecotoxicity Data

| Chemical Name                               | CAS Number | Aquatic EC50<br>Crustacea | Aquatic ERC50<br>Algae | Aquatic LC50<br>Fish              |
|---------------------------------------------|------------|---------------------------|------------------------|-----------------------------------|
| Petrolatum (petroleum), oxidized, zinc salt | 68918-69-4 |                           |                        | LC50 (96 hr) Fish = 10 - 100 mg/L |

## SECTION 13 Disposal considerations

|                                     |                                                                                        |
|-------------------------------------|----------------------------------------------------------------------------------------|
| Waste Description for Spent Product | Spent or discarded material may be a hazardous waste.                                  |
| Disposal Methods                    | Dispose of by incineration following Federal, State, Local, or Provincial regulations. |
| Waste Disposal Code(s)              | D001                                                                                   |

## SECTION 14 Transport information

|                                                                                                             |                                                                      |
|-------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| Full shipping name for Export, Air, Sea (any quantity unless flash pt. >150°F) or vessels of 119 GL or more | UN1268, PETROLEUM DISTILLATES, N.O.S., (Naphtha Solvent), 3, PG III, |
| Domestic Ground in vessels < 119 gal.                                                                       | Non-Regulated                                                        |

## SECTION 15 Regulatory information

### Status of formula components on selected national regulatory inventories:

| LIST         | STATUS                                                                                                                                      |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| TSCA         | All components in this product are on the TSCA Inventory or exempt.                                                                         |
| Canadian DSL | One or more chemical substances in this material are on the Canadian NDSL and the remainder are included on the Canadian DSL or are exempt. |

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| Chemical Name                                     | CAS # | Regulation | Percent |
|---------------------------------------------------|-------|------------|---------|
| No CERCLA-listed chemicals in this product.       |       | CERCLA     |         |
| No 313-listed chemicals in this product.          |       | SARA 313   |         |
| No SARA 302 EHS-listed chemicals in this product. |       | SARA EHS   |         |

## SECTION 16 Other information

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**Date**

**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.

**Version** Reviewed

**Comments** Approved: M. Duncan