

# SAFETY DATA SHEET

## 1. Identification

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| <b>Product identifier</b>            | <b>Lubaduk Winter</b>                |
| <b>Other means of identification</b> | None.                                |
| <b>Recommended use</b>               | Lubricant.                           |
| <b>Recommended restrictions</b>      | Uses other than the recommended use. |

### Manufacturer/Importer/Supplier/Distributor information

|                                   |                                                                                                   |
|-----------------------------------|---------------------------------------------------------------------------------------------------|
| <b>Manufacturer</b>               | Connectivity Solutions (Dura-Line)<br>11400 Parkside Drive, Suite 300<br>Knoxville, TN, USA 37934 |
| <b>Telephone</b>                  | 1-800-847-7661                                                                                    |
| <b>Emergency Telephone Number</b> | 1 866-519-4752 (US, Canada)                                                                       |
| <b>Access code</b>                | 58811                                                                                             |

## 2. Hazard(s) identification

### Hazards of the product as supplied

|                                                  |                                                                                                                                                                                                                                  |            |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| <b>Physical hazards</b>                          | Not classified.                                                                                                                                                                                                                  |            |
| <b>Health hazards</b>                            | Sensitization, skin                                                                                                                                                                                                              | Category 1 |
| <b>Environmental hazards</b>                     | Hazardous to the aquatic environment, acute hazard                                                                                                                                                                               | Category 3 |
|                                                  | Hazardous to the aquatic environment, long-term hazard                                                                                                                                                                           | Category 3 |
| <b>OSHA defined hazards</b>                      | Not classified.                                                                                                                                                                                                                  |            |
| <b>Other hazards</b>                             |                                                                                                                                                                                                                                  |            |
| <b>Hazard(s) not otherwise classified (HNOC)</b> | No additional hazards are known to be associated with the expected conditions of use at the time of publication. This document does not address hazards that may arise from uses not reasonably anticipated by the manufacturer. |            |

### Label elements



|                                |                                                                                                                                                                  |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Signal word</b>             | Warning                                                                                                                                                          |
| <b>Hazard statement</b>        | May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.                                                                          |
| <b>Precautionary statement</b> |                                                                                                                                                                  |
| <b>Prevention</b>              | Avoid breathing mist/vapors. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves.      |
| <b>Response</b>                | If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. |
| <b>Storage</b>                 | Not assigned.                                                                                                                                                    |
| <b>Disposal</b>                | Dispose of contents/container in accordance with local/regional/national/international regulations.                                                              |

## 3. Composition/information on ingredients

### Mixtures

| Chemical name                                                                                | CAS number | %       |
|----------------------------------------------------------------------------------------------|------------|---------|
| 5-Chloro-2-methyl-2,3-dihydroisothiazol-3-one and 2-Methyl-2,3-dihydroisothiazol-3-one (3:1) | 55965-84-9 | < 0.005 |

**Composition comments** All concentrations are in percent by weight.

#### 4. First-aid measures

|                                                                               |                                                                                                                                                                                                      |
|-------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>                                                             | Move to fresh air. Call a physician if symptoms develop or persist.                                                                                                                                  |
| <b>Skin contact</b>                                                           | Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.                     |
| <b>Eye contact</b>                                                            | Rinse with water. Get medical attention if irritation develops and persists.                                                                                                                         |
| <b>Ingestion</b>                                                              | Rinse mouth. Get medical attention if symptoms occur.                                                                                                                                                |
| <b>Most important symptoms/effects, acute and delayed</b>                     | May cause an allergic skin reaction. Dermatitis. Rash.                                                                                                                                               |
| <b>Indication of immediate medical attention and special treatment needed</b> | Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.                                                                               |
| <b>General information</b>                                                    | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse. Observe good industrial hygiene practices. |

#### 5. Fire-fighting measures

|                                                                      |                                                                                               |
|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>                                  | Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).                                   |
| <b>Unsuitable extinguishing media</b>                                | Do not use water jet as an extinguisher, as this will spread the fire.                        |
| <b>Specific hazards arising from the chemical</b>                    | During fire, gases hazardous to health may be formed.                                         |
| <b>Special protective equipment and precautions for firefighters</b> | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| <b>Fire fighting equipment/instructions</b>                          | Water runoff can cause environmental damage.                                                  |
| <b>Specific methods</b>                                              | Use standard firefighting procedures and consider the hazards of other involved materials.    |
| <b>General fire hazards</b>                                          | No unusual fire or explosion hazards noted.                                                   |

#### 6. Accidental release measures

|                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.                                                                                 |
| <b>Methods and materials for containment and cleaning up</b>               | Prevent product from entering drains.<br><br>Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.<br><br>Small Spills: Absorb spillage with suitable absorbent material. Clean surface thoroughly to remove residual contamination.<br><br>Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. |
| <b>Environmental precautions</b>                                           | Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.                                                                                                                                                                                                                                                                                            |

## 7. Handling and storage

### Precautions for safe handling

Avoid breathing mist/vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices. Persons susceptible to allergic reactions should not handle this product.

### Conditions for safe storage, including any incompatibilities

Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

### Occupational exposure limits

No exposure limits noted for ingredient(s).

### Biological limit values

No biological exposure limits noted for the ingredient(s).

### Appropriate engineering controls

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

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

#### Eye/face protection

Chemical goggles and face shield are recommended.

#### Skin protection

##### Hand protection

Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

#### Skin protection

##### Other

Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

#### Respiratory protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA 29 CFR 1910.134. Appropriate respirator selection should be made by a qualified professional.

#### Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

### General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

## 9. Physical and chemical properties

### Physical state

Liquid.

### Form

Liquid.

### Color

Whitish.

### Odor

Odorless.

### Melting point/freezing point

Property has not been measured.

### Boiling point or initial boiling point and boiling range

212 °F (100 °C)

### Flammability

Non flammable.

### Upper/lower flammability or explosive limits

#### Explosive limit - lower (%)

The product is not flammable.

#### Explosive limit - upper (%)

The product is not flammable.

### Flash point

Not flammable or combustible.

### Auto-ignition temperature

Property has not been measured.

### Decomposition temperature

Property has not been measured.

### pH

> 7 - < 8

### pH concentration

Property has not been measured.

### Kinematic viscosity

Property has not been measured.

### Kinematic viscosity temp

Property has not been measured.

|                                                |                                       |
|------------------------------------------------|---------------------------------------|
| <b>Solubility</b>                              |                                       |
| <b>Solubility (water)</b>                      | 10 - 99 % Soluble                     |
| <b>Partition coefficient (n-octanol/water)</b> | Property has not been measured.       |
| <b>Vapor pressure</b>                          | Property has not been measured.       |
| <b>Vapor pressure temp.</b>                    | Property has not been measured.       |
| <b>Density and/or relative density</b>         |                                       |
| <b>Density</b>                                 | Property has not been measured.       |
| <b>Relative density</b>                        | Property has not been measured.       |
| <b>Relative density temperature</b>            | Property has not been measured.       |
| <b>Vapor density</b>                           | Property has not been measured.       |
| <b>Vapor density temp.</b>                     | Property has not been measured.       |
| <b>Particle characteristics</b>                | Not applicable, material is a liquid. |
| <b>Other information</b>                       |                                       |
| <b>Dynamic viscosity</b>                       | Property has not been measured.       |
| <b>Dynamic viscosity temp</b>                  | Property has not been measured.       |
| <b>Explosive properties</b>                    | Not explosive.                        |
| <b>Oxidizing properties</b>                    | Not oxidizing.                        |

## 10. Stability and reactivity

|                                           |                                                                                               |
|-------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Reactivity</b>                         | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| <b>Chemical stability</b>                 | Material is stable under normal conditions.                                                   |
| <b>Possibility of hazardous reactions</b> | No dangerous reaction known under conditions of normal use.                                   |
| <b>Conditions to avoid</b>                | Contact with incompatible materials.                                                          |
| <b>Incompatible materials</b>             | Strong oxidizing agents.                                                                      |
| <b>Hazardous decomposition products</b>   | No hazardous decomposition products are known.                                                |

## 11. Toxicological information

### Information on likely routes of exposure

|                     |                                                          |
|---------------------|----------------------------------------------------------|
| <b>Inhalation</b>   | Prolonged inhalation may be harmful.                     |
| <b>Skin contact</b> | May cause an allergic skin reaction.                     |
| <b>Eye contact</b>  | Direct contact with eyes may cause temporary irritation. |
| <b>Ingestion</b>    | May cause discomfort if swallowed.                       |

|                                                                                     |                                                        |
|-------------------------------------------------------------------------------------|--------------------------------------------------------|
| <b>Symptoms related to the physical, chemical and toxicological characteristics</b> | May cause an allergic skin reaction. Dermatitis. Rash. |
|-------------------------------------------------------------------------------------|--------------------------------------------------------|

### Information on toxicological effects

|                       |                                   |
|-----------------------|-----------------------------------|
| <b>Acute toxicity</b> | Not expected to be acutely toxic. |
|-----------------------|-----------------------------------|

| Product                      | Species | Test Results     |
|------------------------------|---------|------------------|
| Lubaduk Winter (CAS Mixture) |         |                  |
| <b><u>Acute</u></b>          |         |                  |
| <b>Dermal</b>                |         |                  |
| ATEmix                       |         | 4029000 mg/kg bw |
| <b>Oral</b>                  |         |                  |
| ATEmix                       |         | 1829000 mg/kg bw |

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| <b>Skin corrosion/irritation</b> | Prolonged skin contact may cause temporary irritation. |
|----------------------------------|--------------------------------------------------------|

|                                                                       |                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Serious eye damage/eye irritation</b>                              | Direct contact with eyes may cause temporary irritation.                                                                                                                                                                                                                                                                                 |
| <b>Respiratory or skin sensitization</b>                              |                                                                                                                                                                                                                                                                                                                                          |
| <b>Respiratory sensitization</b>                                      | Not a respiratory sensitizer.                                                                                                                                                                                                                                                                                                            |
| <b>Skin sensitization</b>                                             | May cause an allergic skin reaction.                                                                                                                                                                                                                                                                                                     |
| <b>Germ cell mutagenicity</b>                                         | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.                                                                                                                                                                                                                         |
| <b>Carcinogenicity</b>                                                | Not classifiable as to carcinogenicity to humans.                                                                                                                                                                                                                                                                                        |
| <b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>         |                                                                                                                                                                                                                                                                                                                                          |
| Not listed.                                                           |                                                                                                                                                                                                                                                                                                                                          |
| <b>NTP Report on Carcinogens</b>                                      |                                                                                                                                                                                                                                                                                                                                          |
| Not listed.                                                           |                                                                                                                                                                                                                                                                                                                                          |
| <b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)</b> |                                                                                                                                                                                                                                                                                                                                          |
| Not listed.                                                           |                                                                                                                                                                                                                                                                                                                                          |
| <b>Reproductive toxicity</b>                                          | This product is not expected to cause reproductive or developmental effects.                                                                                                                                                                                                                                                             |
| <b>Specific target organ toxicity - single exposure</b>               | Not classified.                                                                                                                                                                                                                                                                                                                          |
| <b>Specific target organ toxicity - repeated exposure</b>             | Not classified.                                                                                                                                                                                                                                                                                                                          |
| <b>Aspiration hazard</b>                                              | Not an aspiration hazard.                                                                                                                                                                                                                                                                                                                |
| <b>Chronic effects</b>                                                | Prolonged inhalation may be harmful.                                                                                                                                                                                                                                                                                                     |
| <b>12. Ecological information</b>                                     |                                                                                                                                                                                                                                                                                                                                          |
| <b>Ecotoxicity</b>                                                    | Harmful to aquatic life with long lasting effects.                                                                                                                                                                                                                                                                                       |
| <b>Persistence and degradability</b>                                  | No data is available on the degradability of this product.                                                                                                                                                                                                                                                                               |
| <b>Bioaccumulative potential</b>                                      |                                                                                                                                                                                                                                                                                                                                          |
| <b>Mobility in soil</b>                                               | No data available.                                                                                                                                                                                                                                                                                                                       |
| <b>Other adverse effects</b>                                          | No data available.                                                                                                                                                                                                                                                                                                                       |
| <b>13. Disposal considerations</b>                                    |                                                                                                                                                                                                                                                                                                                                          |
| <b>Disposal instructions</b>                                          | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. |
| <b>Local disposal regulations</b>                                     | Dispose in accordance with all applicable regulations.                                                                                                                                                                                                                                                                                   |
| <b>Hazardous waste code</b>                                           | The waste code should be assigned in discussion between the user, the producer and the waste disposal company.                                                                                                                                                                                                                           |
| <b>Waste from residues / unused products</b>                          | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.                                                                                                                                                      |
| <b>Contaminated packaging</b>                                         | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.                                                                                                                               |
| <b>14. Transport information</b>                                      |                                                                                                                                                                                                                                                                                                                                          |
| <b>DOT</b>                                                            |                                                                                                                                                                                                                                                                                                                                          |
| Not regulated as dangerous goods.                                     |                                                                                                                                                                                                                                                                                                                                          |
| <b>IATA</b>                                                           |                                                                                                                                                                                                                                                                                                                                          |
| Not regulated as dangerous goods.                                     |                                                                                                                                                                                                                                                                                                                                          |
| <b>IMDG</b>                                                           |                                                                                                                                                                                                                                                                                                                                          |
| Not regulated as dangerous goods.                                     |                                                                                                                                                                                                                                                                                                                                          |
| <b>Transport in bulk according to IMO instruments</b>                 | Not established.                                                                                                                                                                                                                                                                                                                         |

## 15. Regulatory information

### US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### Toxic Substances Control Act (TSCA)

One or more components of the mixture are not on the TSCA 8(b) inventory or are designated "inactive".

#### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

#### CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

#### SARA 304 Emergency release notification

Not regulated.

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

#### SARA 302 Extremely hazardous substance

Not listed.

#### SARA 311/312 Hazardous chemical

Yes

#### Classified hazard categories

Respiratory or skin sensitization

#### SARA 313 (TRI reporting)

Not regulated.

### Other federal regulations

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

#### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

#### Safe Drinking Water Act (SDWA)

Not regulated.

### US state regulations

#### US. Massachusetts RTK - Substance List

Not regulated.

#### US. New Jersey Worker and Community Right-to-Know Act

Not listed.

#### US. Pennsylvania Worker and Community Right-to-Know Law

Not listed.

#### US. Rhode Island RTK

Not regulated.

#### California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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

### Issue date

31-July-2026

### Revision date

-

### Version #

01

### HMIS® ratings

Health: 2

Flammability: 0

Physical hazard: 0

**Disclaimer**

Dura-Line cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.