



SAFETY DATA SHEET

1. Identification

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| Product identifier | Oatey Pipe Joint Lubricant | |
| Other means of identification | | |
| Synonyms | Part Numbers: 30599, 30600, 30601, 30605 | |
| Recommended use | Lubricant | |
| Recommended restrictions | None known. | |
| | Manufacturer | Distributor |
| Company Name | Oatey Co. | Oatey Canada Supply Chain Services Co. |
| Address | 4700 West 160th St. Cleveland, OH 44135 | 145 Walker Drive Brampton, ON L6T 5P5, Canada |
| Telephone | 216-267-7100 | |
| E-mail | info@oatey.com | |
| Transport Emergency | Chemtrec 1-800-424-9300 (Outside the US 1-703-527-3887) | |
| Emergency First Aid | 1-877-740-5015 | |
| Contact person | MSDS Coordinator | |

2. Hazard(s) identification

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| Physical hazards | Not classified. | |
| Health hazards | Serious eye damage/eye irritation | Category 2B |
| Environmental hazards | Not classified. | |
| Label elements | | |
| Hazard symbol | None. | |
| Signal word | Warning | |
| Hazard statement | Causes eye irritation. | |
| Precautionary statement | | |
| Prevention | Wash thoroughly after handling. | |
| Response | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. | |
| Storage | Store away from incompatible materials. | |
| Disposal | Dispose of waste and residues in accordance with local authority requirements. | |
| Other hazards | None known. | |
| Supplemental information | None. | |

3. Composition/information on ingredients

Mixtures

| Chemical name | CAS number | % |
|---|------------|-------|
| Mixed sodium and potassium salts of tall oil (soap) | 68606-06-4 | 15-25 |

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

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| Inhalation | Move to fresh air. Call a physician if symptoms develop or persist. |
| Skin contact | Wash off with soap and water. Get medical attention if irritation develops and persists. |
| Eye contact | Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |

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| Ingestion | Do NOT induce vomiting. Drink plenty of water. Rinse mouth. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur. |
| Most important symptoms/effects, acute and delayed | Irritation of eyes. Exposed individuals may experience eye tearing, redness, and discomfort. Prolonged or repeated skin contact may cause irritation. |
| Indication of immediate medical attention and special treatment needed | Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed. |
| General information | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. |

5. Fire-fighting measures

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| Suitable extinguishing media | Water. Water spray or fog. Alcohol resistant foam. Carbon dioxide (CO ₂). Dry chemical powder. |
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire. |
| Specific hazards arising from the chemical | During fire, gases hazardous to health may be formed. |
| Special protective equipment and precautions for firefighters | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. |
| Fire fighting equipment/instructions | Move containers from fire area if you can do so without risk. |
| Specific methods | Use standard firefighting procedures and consider the hazards of other involved materials. |
| General fire hazards | No unusual fire or explosion hazards noted. |

6. Accidental release measures

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| Personal precautions, protective equipment and emergency procedures | Avoid contact with skin and eyes. Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. For personal protection, see section 8 of the SDS. |
| Methods and materials for containment and cleaning up | Dam up. Soak up with inert absorbent material. Collect in suitable and properly labeled containers. Rinse any remaining material to sewage treatment facility. Clean up in accordance with all applicable regulations. |
| Environmental precautions | Large Spills: Dike the spilled material, where this is possible. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. |

7. Handling and storage

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| Precautions for safe handling | Wear appropriate personal protective equipment. Avoid contact with eyes, skin, and clothing. Do not breathe vapors or spray mist. Provide adequate ventilation. Use only in area provided with appropriate exhaust ventilation. Do not eat, drink or smoke when using the product. Wash thoroughly after handling. Do not take internally. |
| Conditions for safe storage, including any incompatibilities | Keep containers tightly closed in a dry, cool and well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). Keep out of the reach of children. |

8. Exposure controls/personal protection

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| Occupational exposure limits | No exposure limits noted for ingredient(s). |
| Biological limit values | No biological exposure limits noted for the ingredient(s). |
| Exposure guidelines | Occupational Exposure Limits are not relevant to the current physical form of the product. |
| Appropriate engineering controls | Provide eyewash station. |
| Individual protection measures, such as personal protective equipment | |
| Eye/face protection | Wear approved safety goggles. |
| Skin protection | |
| Hand protection | Wear appropriate chemical resistant gloves. |
| Other | Wear suitable protective clothing. |
| Respiratory protection | In case of insufficient ventilation, wear suitable respiratory equipment. |
| 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. Do not eat, drink or smoke when using the product.

9. Physical and chemical properties**Appearance**

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| Physical state | Solid. |
| Form | Paste. |
| Color | Off-white. |
| Odor | Bland. |
| Odor threshold | Not available. |
| pH | 9 |
| Melting point/freezing point | < 32 °F (< 0 °C) |
| Initial boiling point and boiling range | > 219.2 °F (> 104 °C) |
| Flash point | > 219.2 °F (> 104.0 °C) |
| Evaporation rate | Not applicable. |
| Flammability (solid, gas) | Not available. |
| Upper/lower flammability or explosive limits | |
| Flammability limit - lower (%) | Not available. |
| Flammability limit - upper (%) | Not available. |
| Explosive limit - lower (%) | Not applicable. |
| Explosive limit - upper (%) | Not applicable. |
| Vapor pressure | Not applicable |
| Vapor density | Not applicable |
| Relative density | 1.2 |
| Solubility(ies) | |
| Solubility (water) | Completely soluble. |
| Partition coefficient (n-octanol/water) | Not available. |
| Auto-ignition temperature | Not available. |
| Decomposition temperature | Not available. |
| Viscosity | Not available. |
| Other information | |
| Explosive properties | Not explosive. |
| Oxidizing properties | Not oxidizing. |
| VOC (Weight %) | < 1 % |

10. Stability and reactivity

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

11. Toxicological information**Information on likely routes of exposure**

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| Inhalation | No adverse effects due to inhalation are expected. |
| Skin contact | No adverse effects due to skin contact are expected. |

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| Eye contact | Causes eye irritation. |
| Ingestion | Expected to be a low ingestion hazard. |
| Symptoms related to the physical, chemical and toxicological characteristics | Irritation of eyes. Exposed individuals may experience eye tearing, redness, and discomfort. Prolonged or repeated skin contact may cause irritation. |

Information on toxicological effects

Acute toxicity

| Product | Species | Test Results |
|--|---------|--------------------------------------|
| Oatey Pipe Joint Lubricant (CAS Mixture) | | |
| Acute | | |
| <i>Oral</i> | | |
| LD50 | | 22665 mg/kg, Acute toxicity estimate |

* Estimates for product may be based on additional component data not shown.

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| Skin corrosion/irritation | May cause mild skin irritation. |
| Serious eye damage/eye irritation | Causes eye irritation. |
| Respiratory or skin sensitization | |
| Respiratory sensitization | Not a respiratory sensitizer. |
| Skin sensitization | This product is not expected to cause skin sensitization. |
| Germ cell mutagenicity | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |
| Carcinogenicity | Not available. |
| Reproductive toxicity | This product is not expected to cause reproductive or developmental effects. |
| Specific target organ toxicity - single exposure | Not classified. |
| Specific target organ toxicity - repeated exposure | Not classified. |
| Aspiration hazard | Not an aspiration hazard. |

12. Ecological information

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| Ecotoxicity | The toxicological properties of this compound have not been fully investigated. |
| Persistence and degradability | No data is available on the degradability of this product. |
| Bioaccumulative potential | No data available. |
| Mobility in soil | No data available. |
| Other adverse effects | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component. |

13. Disposal considerations

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| Disposal instructions | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations. |
| Local disposal regulations | Dispose in accordance with all applicable regulations. |
| Hazardous waste code | The waste code should be assigned in discussion between the user, the producer and the waste disposal company. |
| Waste from residues / unused products | 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 (see: Disposal instructions). |
| Contaminated packaging | 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. |

14. Transport information

TDG

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory information

Canadian regulations This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

Canada Inventory: All components are listed or exempt.

Controlled Drugs and Substances Act

Not regulated.

Export Control List (CEPA 1999, Schedule 3)

Not listed.

Greenhouse Gases

Not listed.

Precursor Control Regulations

Not regulated.

International regulations

Stockholm Convention

Not applicable.

Rotterdam Convention

Not applicable.

Kyoto protocol

Not applicable.

Montreal Protocol

Not applicable.

Basel Convention

Not applicable.

International Inventories

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|-----------------------------|---|------------------------|
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |

*A "Yes" indicates this product complies 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 exempt from listing on the inventory administered by the governing country(s).

16. Other Information

Issue date 17-March-2016

Revision date -

Version # 01

Disclaimer Oatey Co. 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.