

DRC WIPERS SAFETY DATA SHEET (SDS)
All Grades
March 2020

1. Identification

Product Identifier DRC Wipers, DRC Bonded Cellulose, DRC Roll Goods
Manufacturer: Bro-Tex Inc.
Headquarters 800 Hampden Avenue, Saint Paul, MN 55114
1-800-328-2282
WI Division 4930 S 2nd St., Suite 200 Milwaukee, WI 53207
1-800-548-2338
www.brotex.com
Emergency 1-800-222-1222

2. Hazard(s) Identification

Classification of the substance or mixture: Non-Regulated Material
Additional information: The binder used in the DRC material is free of natural latex or latex proteins.

Label elements:

- **Hazard pictograms:** Non-Regulated Material
- **Signal word:** Non-Regulated Material
- **Hazard statements:** Non-Regulated Material
- **Unknown acute toxicity:**

This value refers to knowledge of known, established toxicological or ecotoxicological values. 15 % of the mixture consists of component(s) of unknown toxicity.

· **Hazard description:**

This product is classified as an “article” according to Title 29 of the Code of Federal Regulations, OSHA Part 1910.1200.

“Article means a manufactured item other than a fluid or particle, which is formed to a specific shape or design during manufacture which has end use function dependent in whole or in part upon its shape or design during end use, and which under normal conditions of use does not release more than very small quantities or trace amounts of a hazardous chemical, and does not pose a physical hazard or health risk to employees.”

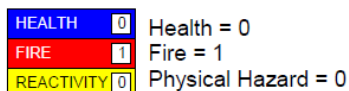
This product is odorless, stable, and poses no immediate hazard to health. The normal and intended use of the product is as a paper wiper (like a paper towel), used to wipe up surfaces and then discarded.

· **Classification system:** NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme

· **NFPA ratings (scale 0 - 4)**



· **HMIS-ratings (scale 0 - 4)**



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- **Hazard(s) not otherwise classified (HNOC):** None known

3. Composition/information on ingredients

- **Non-hazardous components:**

Emulsion 10-20%

- **Chemical characterization: Mixtures**

- **Description:** Mixture of substances listed below with non-hazardous additions.

- **Dangerous Components:**

9004-34-6 Wood Fibers 80-90%

- **Additional information:**

The exact percentages of the ingredients of this mixture are considered to be proprietary and are withheld in accordance with the provisions of paragraph (i) of §1910.1200 of 29 CFR 1910.1200 Trade Secrets.

The binder used in the DRC material is free of natural latex or latex proteins.

4. First-Aid Measures

Description of first aid measures

- **General information:**

Symptoms of poisoning may occur after exposure to dust, fumes or particulates; seek medical attention if feeling unwell.

- **After inhalation:** No hazard known or expected.

- **After skin contact:**

Generally, the product does not irritate the skin. If skin irritation occurs, consult a doctor.

- **After eye contact:**

Rinse opened eye for several minutes under running water. If eye irritation occurs, consult a doctor.

- **After swallowing:** If swallowed and symptoms occur, consult a doctor.

- **Information for doctor**

- **Most important symptoms and effects, both acute and delayed:**

No further relevant information available.

- **Indication of any immediate medical attention and special treatment needed:**

No further relevant information available.

5. Fire-Fighting Measures

Extinguishing media

- **Suitable extinguishing agents:** Use firefighting measures that suit the environment.

- **For safety reasons unsuitable extinguishing agents:** No further relevant information.

- **Special hazards arising from the substance or mixture:**

No further relevant information available.

- **Advice for firefighters**

- **Special protective equipment for firefighters:**

As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

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6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Not required.

- **Environmental precautions:** No special measures required.
- **Methods and material for containment and cleaning up:**
Dispose of contaminated material as waste according to section 13.
Dispose of the collected material according to regulations.
- **Reference to other sections:**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.
- **Protective Action Criteria for Chemicals**
- PAC-1:
None of the ingredients are listed.
- PAC-2:
None of the ingredients are listed.
- PAC-3:
None of the ingredients are listed.

7. Handling and Storage

Handling

- **Precautions for safe handling:** No special precautions are necessary if used correctly.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities:**
No special measures required.
- **Storage**
- **Requirements to be met by storerooms and receptacles:**
Avoid conditions of extreme heat and humidity.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Specific end use(s):** No further relevant information available.

8. Exposure Controls/Personal Protection

Additional information about design of technical systems: No further data; see section 7.

- **Control parameters:**
- **Components with occupational exposure limits:**

9004-34-6 Wood Fibers

PEL Long-term value: 15* 5** mg/m³
*total dust **respirable fraction
REL Long-term value: 10* 5** mg/m³
*total dust **respirable fraction
TLV Long-term value: 10 mg/m³

- **Additional information:** The lists that were valid during the creation of this SDS were used as basis.
- **Exposure controls:**
- **Personal protective equipment**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages, and feed.
Wash hands before breaks and at the end of work.
- **Breathing equipment:** Not required.

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- **Protection of hands:** Not required.
- **Material of gloves:** Not applicable.
- **Penetration time of glove material:** Not applicable.
- **Eye protection:** Not required.
- **Limitation and supervision of exposure into the environment:** None

9. Physical and Chemical Properties

Information on basic physical and chemical properties

General Information

- **Appearance:**
 - Form:** Solid
 - Color:** White, blue, brown, orange, red (solid and printed colors)

- **Odor:** Minimal
- **Odor threshold:** Not determined.

- **pH-value:** Not applicable.

- **Change in condition**
 - Melting point/Melting range:** Not applicable.
 - Boiling point/Boiling range:** Not determined.

- **Flash point:** None
- **Flammability (solid, gaseous):** Not determined.
- **Ignition temperature:** >232°C (450°F)
- **Decomposition temperature:** Not determined.
- **Auto igniting:** Product is not self-igniting.
- **Danger of explosion:** Product does not present an explosion hazard.

- **Explosion limits:**
 - Lower:** Not applicable.
 - Upper:** Not applicable.

- **Vapor pressure:** Not applicable.

- **Density:** Not determined.
- **Relative density:** Not determined.
- **Vapor density:** Not applicable.

- **Evaporation rate:** Not applicable.

- **Solubility in / Miscibility with:**
 - Water:** Insoluble.
- **Partition coefficient (n-octanol/water):** Not determined.

- **Viscosity:**
 - Dynamic:** Not applicable.

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Kinematic: Not applicable.

- **Solvent content:**
VOC content: 0.00 %
- **Other information:** No further relevant information available.

10. Stability and Reactivity

- **Reactivity:** No further relevant information available.
 - **Chemical stability:** Stable under normal conditions.
 - **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
 - **Possibility of hazardous reactions:** No dangerous reactions known.
 - **Conditions to avoid:** No further relevant information available.
 - **Incompatible materials:** No further relevant information available
- **Hazardous decomposition products:** No dangerous decomposition products known.

11. Toxicological Information

Information on toxicological effects:

- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:**
9004-34-6 Wood Fibers
Oral LD50 >5,000 mg/kg (Rat)
Dermal LD50 >2,000 mg/kg (Rabbit)
- **Primary irritant effect:**
- **On the skin:** Not known to occur with this material.
- **On the eye:** Not known to occur with this material.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
- **Carcinogenic categories:**
- **IARC (International Agency for Research on Cancer):**
None of the ingredients are listed.
- **NTP (National Toxicology Program):**
None of the ingredients are listed.
- **OSHA-Ca (Occupational Safety & Health Administration):**
None of the ingredients are listed.

12. Ecological Information

Toxicity:

- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability:** No further relevant information available.
- **Behavior in environmental systems:**

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- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Generally not hazardous for water.
- **Results of PBT and vPvB assessment:**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects:** No further relevant information available.

13. Disposal Considerations

Waste treatment methods

- **Recommendation:**

Do not allow product to reach sewage system.

Observe all federal, state and local environmental regulations when disposing of this material.

- **Uncleaned packaging**

- **Recommendation:** Disposal must be made according to official regulations

14. Transport Information

UN-Number:

- DOT, ADR/ADN, ADN, IMDG, IATA Non-Regulated Material

- **UN proper shipping name:**

- DOT, ADR/ADN, ADN, IMDG, IATA Non-Regulated Material

- **Transport hazard class(es):**

- DOT, ADR/ADN, ADN, IMDG, IATA

- **Class:** Non-Regulated Material

- **Packing group:**

- DOT, ADR/ADN, IMDG, IATA Non-Regulated Material

- **Environmental hazards:** Not applicable.

- **Special precautions for user:** Not applicable.

- **Transport in bulk according to Annex II of**

MARPOL73/78 and the IBC Code: Not applicable.

- **UN "Model Regulation":** Non-Regulated Material

15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

- **SARA (Superfund Amendments and Reauthorization):**

- **Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

- **Section 313 (Specific toxic chemical listings):**

None of the ingredients are listed.

- **TSCA (Toxic Substances Control Act):**

9004-34-6 Wood Fibers ACTIVE

- **Hazardous Air Pollutants**

None of the ingredients are listed.

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- **California Proposition 65:**
- **Chemicals known to cause cancer:**
Does not contain any ingredients above safe harbor limits.
None of the ingredients are listed.
- **Chemicals known to cause reproductive toxicity for females:**
None of the ingredients are listed.
- **Chemicals known to cause reproductive toxicity for males:**
None of the ingredients are listed.
- **Chemicals known to cause developmental toxicity:**
None of the ingredients are listed.
- **New Jersey Right-to-Know List:**
9004-34-6 Wood Fibers
- **New Jersey Special Hazardous Substance List:**
None of the ingredients are listed.
- **Pennsylvania Right-to-Know List:**
9004-34-6 Wood Fibers
- **Pennsylvania Special Hazardous Substance List:**
None of the ingredients are listed.
- **Carcinogenic categories:**
- **EPA (Environmental Protection Agency):**
None of the ingredients are listed.
- **TLV (Threshold Limit Value established by ACGIH):**
None of the ingredients are listed.
- **NIOSH-Ca (National Institute for Occupational Safety and Health):**
None of the ingredients are listed.
- **GHS label elements** Non-Regulated Material
- **Hazard pictograms:** Non-Regulated Material
- **Signal word:** Non-Regulated Material
- **Hazard statements:** Non-Regulated Material
- **National regulations:**
None of the ingredients are listed.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out

16. Other Information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine the applicability of this information and the suitability of the material or product for any particular purpose.

· **Date of last revision/ revision number:** 03/11/2020

· **Abbreviations and acronyms:**

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road

ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

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ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety and Health
OSHA: Occupational Safety & Health Administration
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
· * **Data compared to the previous version altered.**