

SAFETY DATA SHEET



SECTION 1: IDENTIFICATION

Product Trade Name **Becker Lumin'Ice Basic**
Product Class / Intended End Use Commercial Coating **Catalog Number**
Emergency Telephone Numbers **For Emergency Transportation Information call 1 800-234-5522**
Supplier Becker Arena Products, Inc.
6611 West Highway 13 | Savage | MN | USA | 55378
Tel: 952.890.2690
Issue Date: 08/01/2019 **Revision Date:** 08/01/2019

SECTION 2: HAZARDS IDENTIFICATION

GHS – Classification

| | |
|--|---------------|
| Carcinogenicity | 1 |
| Specific Target Organ Toxicity (Repeated Exposure) | 1 |
| Signal Word: | Danger |

GHS - Hazard Pictogram(s)



GHS - Hazard Statement(s)

- May cause cancer.
- Causes damage to organs through prolonged or repeated exposure.

GHS - Precautionary Statement(s) – Prevention

- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Do not breathe dust/fume/gas/mist/vapours/spray.
- Wash thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Wear protective gloves/protective clothing/eye protection/face protection.

GHS - Precautionary Statement(s) – Response

- If exposed or concerned: Get medical advice/attention.

GHS - Precautionary Statement(s) – Storage

- Store locked up.

GHS - Precautionary Statement(s) – Disposal

- Dispose of contents/ container to an approved waste disposal plant.

Hazards not Otherwise Classified

- None known.

Supplemental information

If product is in liquid or paste form, hazards related to dust are not considered significant. Product may contain substances that could be potential hazards if caused to become airborne due to abrasive processing.

SECTION 3: COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

| Component | CAS Number | EINECS Number | Weight % |
|----------------------------|------------|---------------|----------|
| Calcium Carbonate | 1317-65-3 | 215-279-6 | 96 |
| Silica, Crystalline Quartz | 14808-60-7 | 236-675-5 | 0.2 |

SECTION 4: FIRST-AID MEASURES

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| Inhalation | If inhaled remove to fresh air. Call a physician if symptoms develop or persist. |
| Ingestion | Rinse mouth. Consult a physician if symptoms occur. |
| Eye Contact | Rinse with water. Get medical attention If irritation or symptoms persist. |
| Skin Contact | Wash off with soap & water. If irritation develops or persists, seek medical attention. |

CALL A POISON CENTRE OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL.

Most Important Symptoms and Effects (both acute and delayed):

- Coughing. Prolonged exposure may cause chronic effects.

Indication of any Immediate Medical Attention and Special Treatment Needed:

- Treat symptomatically. Keep victim under observation. Symptoms may be delayed.

SECTION 5: FIRE-FIGHTING MEASURES

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| Suitable Extinguishing Media | Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). |
| Unsuitable Extinguishing Media | Do not use a heavy water stream as it may spread and scatter the fire. |
| Specific Hazards Arising from the Substance or Mixture | During fire, gases hazardous to health may be formed. |
| Special Protective Equipment and Precautions for Fire Fighters | Use full protective apparel and self-contained breathing apparatus. |

SECTION 6: ACCIDENTAL RELEASE MEASURES

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| Personal Precautions, Protective Equipment and Emergency Procedures | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid generation of dust. Use adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. |
| Environmental Precautions | Prevent runoff into drains, sewers, and other waterways or onto the ground. |
| Methods and Materials for Containment and Clean Up | Stop the flow of material, if this is without risk. Following product recovery, flush area with water. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS. For waste disposal, see section 13 of the SDS. |

SECTION 7: HANDLING AND STORAGE

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| Precautions for Safe Handling | Obtain special precautions before use. Do not handle until all safety precautions have been read and understood. Keep formation of airborne dusts to a minimum. Provide appropriate exhaust ventilation at places where dust is formed. Do not breathe dust. When using, do not eat, drink or smoke. Avoid prolonged exposure. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices. |
| Conditions for Safe Storage | Store locked up. Store in original tightly closed container. Store away from incompatible materials. |
| Incompatibles | Acids. Fluorine. |

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

| Component | ACGIH TLV | | OSHA PEL | |
|---|-----------------------|------|----------|------|
| | TWA | STEL | PEL | STEL |
| Calcium Carbonate | 10 mg/m ³ | DNA | DNA | DNA |
| Silica, Crystalline Quartz | 0.1 mg/m ³ | DNA | DNA | DNA |
| <i>DNA = Data not Available NA = Not Applicable NE = Not Estimated NR = Not Required PI = Proprietary Information</i> | | | | |

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| Exposure Guidelines | Occupational exposure to nuisance dust (total and respirable) and respirable crystalline silica should be monitored and controlled. |
| Appropriate Engineering Controls | Good general ventilation (typically 10 air changes per hour) 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 to an acceptable level. Supply safety shower and eyewash station near handling area. |
| Personal Protective Equipment | |
| Respiratory Protection | If exposure cannot be controlled below applicable limits, use the appropriate NIOSH approved respirator such as an air purifying respirator with organic vapour cartridge and dust/mist filter. |
| Eye Protection | Use suitable CSA approved safety glasses with side shields, goggles or face shield as indicated by conditions of exposure. |
| Hand/Skin Protection | Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier. |
| Hygiene Measures | Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Wash hands before breaks and at the end of workday. |
| Other | Use of an impervious apron is recommended. |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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|---|---------------|---|------------------|
| Autoignition Temperature | DNA | Partition Coefficient | DNA |
| Boiling Point | 100°C (212°F) | pH | NA |
| Colour | White | Physical State | Powder |
| Decomposition Temperature | DNA | Relative Evaporation Rate (Butylacetate=1) | DNA |
| Explosion Limit | DNA | Solubility in Water | Slightly Soluble |
| Flammability (solid, gas) | Non Flammable | Specific Gravity | 2.7 |
| Flash Point (Cleveland Closed Cup) | NA | Vapour Density | NA |
| Freezing Point/Melting Point | NA | Vapour Pressure | DNA |
| Odour Threshold | DNA | Viscosity | NA |
| Odour | Odourless | % Volatiles by Weight | 0 |

DNA = Data not Available NA = Not Applicable NE = Not Estimated NR = Not Required PI = Proprietary Information

SECTION 10: STABILITY AND REACTIVITY

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| Reactivity | The product is stable if stored and handled as prescribed/indicated. |
| Chemical Stability | Stable at normal condition of usage. |
| Possibility of Hazardous Reactions | No dangerous reaction known under conditions of normal use. |
| Conditions to Avoid | Contact with incompatible materials. |
| Incompatible Materials | Acids. Fluorine. |
| Hazardous Decomposition Products | No hazardous decomposition products are known. |

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity

| Component | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|---|-------------------|----------------------|------------------------|
| Calcium Carbonate | DNA | DNA | DNA |
| Silica, Crystalline Quartz | >1000 mg/kg (Rat) | >1000 mg/kg (Rabbit) | >6.8 mg/L (Rat, 4h) |
| <i>DNA = Data not Available NA = Not Applicable NE = Not Estimated NR = Not Required PI = Proprietary Information</i> | | | |

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| Likely Routes of Exposure | Inhalation. |
| Symptoms/Injuries after Inhalation | Prolonged inhalation may be harmful. |
| Symptoms/Injuries after Ingestion | Expected to be a low ingestion hazard. |
| Symptoms/Injuries after Eye Contact | Direct contact with eyes may cause temporary irritation. |
| Symptoms/Injuries after Skin Contact | No adverse effects due to skin contact are expected. |
| Specific Target Organ Toxicity | Repeated Exposure: Causes damage to organs through prolonged or repeated exposure. |
| Carcinogenicity | May cause cancer. |
| Symptoms/Effects, Both Acute and Delayed Chronic Effects | Coughing Causes damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects. |

SECTION 12: ECOLOGICAL INFORMATION

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| Ecotoxicity | This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. |
| VOC (grams/litre) | 0 |
| Persistence and Degradability | No data is available on the degradability of any ingredients in the mixture. |
| Bio-accumulative Potential | No test data on mixture. |
| Mobility in Soil | No test data on mixture. |
| Other Adverse Environmental Effects | None known. |

SECTION 13: DISPOSAL CONSIDERATIONS

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| Handling for Disposal | Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8. |
| Methods of Disposal | 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. |
| RCRA | If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies. DO NOT INCINERATE CLOSED CONTAINERS |

SECTION 14: TRANSPORT INFORMATION

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|-------------------------------------|--|
| UN Number | NR |
| UN Proper Shipping Name | NR |
| Transport Hazard Class | NR |
| Packing Group | NR |
| Environmental Hazards | Not applicable. |
| Special Precautions for User | Appropriate advice on safety should accompany the package. |

SECTION 15: REGULATORY INFORMATION

Canada All components are in compliance with the Canadian environmental protection act and are present on the domestic substances list. This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR.

USA SARA 302: Not listed.
SARA TITLE III: Sec. 311 and 312 Hazardous: Yes. Carcinogenicity – Specific Target Toxicity (single or repeated exposure).
SARA 313: Not regulated
SDS Requirements, 40 CFR 370

SECTION 16: OTHER INFORMATION

HMIS: Health 2 Flammability 0 Physical hazard 0
NFPA: Health 2 Flammability 0 Instability 0

DISCLAIMER

*The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. This Safety Data Sheet may not be changed, or altered in any way without the expressed knowledge and permission of **Becker Arena Products Inc.***

Legend to abbreviations and Acronyms Used in the SDS

| | | | |
|---------------|---|--------------|---|
| ACGIH | American Conference of Governmental Industrial Hygienists | NIOSH | National Institute for Occupational Safety and Health |
| BCF | Bioconcentration Factor | OSHA | Occupational Safety and Health Administration |
| CAS | Chemical Abstract Services | PEL | Permissible Exposure Limit |
| CERCLA | Comprehensive Environmental Response, Compensation, and Liability Act | PPM | Parts Per Million |
| CPR | Controlled Products Regulation | RCRA | Resource Conservation and Recovery Act |
| DNA | Data not Available | SARA | Species at Risk Act |
| HMIS | Hazardous Materials Identification System | STEL | Short Term Exposure Limit |
| LC | Lethal Concentration | STOT | Specific Target Organ Toxicity |
| LD | Lethal Dose | TDG | Transportation of Dangerous Good |
| N/A | Not Applicable | TSCA | Toxic Substances Control Act |
| N/D | Not Determined | TWA | Time Weighted Average |
| NFPA | National Fire Protection Association | | |

END OF SAFETY DATA SHEET