

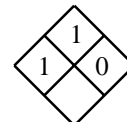


MATERIAL SAFETY DATA SHEET

VENDEE AND THIRD PERSONS ASSUME THE RISK OF INJURY PROXIMATELY CAUSED BY THIS PRODUCT IF REASONABLE SAFETY PROCEDURES ARE NOT FOLLOWED AS PROVIDED FOR IN THE DATA SHEET, AND VENDOR SHALL NOT BE LIABLE FOR SUCH INJURY. FURTHERMORE, VENDOR SHALL NOT BE LIABLE FOR INJURY TO VENDEE OR THIRD PERSONS PROXIMATELY CAUSED BY ANY ABNORMAL USE OF THIS PRODUCT EVEN IF REASONABLE SAFETY PROCEDURES ARE FOLLOWED.

ALL PERSONS USING THIS PRODUCT, ALL PERSONS WORKING IN AN AREA WHERE THIS PRODUCT IS USED, AND ALL PERSONS HANDLING THIS PRODUCT SHOULD BE FAMILIAR WITH THE CONTENTS OF THIS DATA SHEET. POSTING THIS DOCUMENT FOR EMPLOYEE NOTIFICATION IS RECOMMENDED BY THE VENDOR.

N. F. P. A.



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

| | |
|--|--|
| TRADE NAME Bee Lok Base | EMERGENCY (800)255-3924 |
| SYNONYMS Not applicable | INTENDED USE Industrial |
| MANUFACTURED FOR Bestolife Corporation | TELEPHONE # (214)631-6070 |
| ADDRESS 2777 Stemmons Freeway Suite 1800, Dallas, Texas 75207 | TRANSP. EMERGENCY # (800)424-9300 |
| FOR ADDITIONAL INFORMATION CONTACT Bestolife Corporation | DATE October 06 Revised |

2. COMPOSITION, INFORMATION ON INGREDIENTS

| MATERIAL OR COMPONENT (CAS#) | WEIGHT % | OSHA PEL/TWA | OSHA Ceiling | ACGIH TLV/TWA | ACGIH TLV/STEL | Other |
|---------------------------------|-------------|-----------------|-----------------|------------------|-------------------|----------------|
| Epoxy resin (CAS#25068-38-6) | 40-60 | None | None | None | None | Not applicable |
| Inert fillers | 40-60 | None | None | None | None | Not applicable |

3. HAZARDS IDENTIFICATION

Routes of Exposure for Users

- Skin Contact May cause irritation, dermatitis, and sensitization.
- Skin Absorption Non toxic by skin absorption. High pressure injection through skin requires immediate medical attention.
- Eye Contact May cause mild irritation, redness, and tears.
- Ingestion Not an expected route of entry. May cause gastrointestinal irritation if large quantities are ingested.
- Inhalation Not an expected route of entry due to paste form and low vapor pressure.

| | |
|---|---|
| Effects of Overexposure | |
| Acute | Short single exposure may cause irritation or redness to eyes, skin and/or mucous membranes. Ingestion of the product may cause gastrointestinal irritation. Skin contact may cause mild irritation, dermatitis, and sensitization. |
| Chronic | Excessive exposure may cause irritation. Has caused skin sensitization in humans. |
| Signs and Symptoms of Exposure | Skin or eye irritation; see effects of overexposure described, above. |
| Aggravated Medical Conditions | Preexisting eye or skin disorders may be aggravated by exposure to this product. |
| Notes to Physician | The effect of extended or repeated exposure to body organs is unknown. There is no specific antidote. For combustion product effects see Hazardous Combustion Products in Section 5. Fire Fighting Measures. |
| 4. FIRST AID MEASURES | |
| Eyes | Immediate and continuous flushing with copious amounts of water for at least 30 minutes. Get immediate medical attention. |
| Skin | Immediately flush with water for 15 minutes while removing contaminated clothing. Get medical attention, if irritation occurred. Wash clothing before reuse. |
| Ingestion | Get immediate medical attention. DO NOT INDUCE VOMITING! Give large amounts of water, if conscious. Never give anything by mouth to a unconscious person. |
| Inhalation | Remove from exposure. Get medical attention. |
| 5. FIRE FIGHTING MEASURES | |
| Flash Point | >199°F (93°C) Test Method: PMCC |
| Flammable Limits in Air (% by volume, estimated) | Lower: No data Upper: No data |
| Auto-ignition Temperature | Not available |
| Hazardous Combustion Products | Combustion products are highly dependent on the combustion conditions. CO, CO hydrogen chloride, and hydrocarbons may be formed during combustion. Combustion products may cause effects of overexposure as noted in Section 3, Hazards Identification. They may also cause dizziness; coma; convulsion; drowsiness; drowsiness; tachypnea; nausea; paresthesia; dyspnea; asphyxiation; mild to severe eye, skin or respiratory tract irritation; cough; pulmonary edema and/or lung damage. Other unidentified health effects may occur. |
| Conditions Contributing to Flammability | High temperatures; open flame |
| Extinguishing Media | Dry chemical, water fog, foam, or carbon dioxide may be suitable for extinguishing fires involving this product. |
| Special Fire Fighting Procedures | Use full-body protection and full-face, self-contained breathing apparatus operated in a positive-pressure mode. Will burn under right conditions of heat and oxygen supply. |
| Unusual Fire and Explosion Hazards | Product vapor may be irritating or toxic if inhaled. Fire water runoff may be toxic. |
| Sensitivity to Impact | No explosion risk |
| Sensitivity to Static Discharge | No explosion risk |

6. ACCIDENTAL RELEASE MEASURES

Steps to be Taken if Material is Released or Spilled Remove sources of ignition and recover, or use incombustible absorbent material or sand and shovel into suitable container. Keep out of streams and waterways. Assure conformity with applicable governmental regulations. Advise authorities if product has entered sewers, watercourses, or extensive land areas.

Neutralizing Chemicals Not applicable

7. HANDLING AND STORAGE

Always wash face and hands with soap and water after use and before smoking, eating, or drinking. Smoking, eating, and drinking should be confined to uncontaminated areas. Work clothes and equipment should remain in designated areas. Remove contaminated clothing immediately. Contaminated leather items (shoes, belts, watchbands) should be removed and destroyed. Before reuse, launder contaminated clothing separate from personal clothing.

Avoid skin contact and use personal protection when handling product, waste product, or contaminated equipment. Avoid inhalation, use only in a well ventilated area. Eyewash should be located in immediate work area.

This product is intended for industrial use only. KEEP OUT OF REACH OF CHILDREN.

Store in a cool, dry area, below 90°F. Keep storage containers closed when not in use and upright to prevent leakage.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Ventilation Requirements Provide general clean air dilution or local exhaust ventilation in volume and pattern to keep the air contaminant concentration below hazardous levels. Refer to OSHA Standard 29 CFR 1910.94.

Specific Personal Protection Equipment

RESPIRATORY Do not breathe vapors. Use only in areas with adequate ventilation. Observe OSHA standard 29 CFR 1910.134.

EYE Safety glasses should be worn when using this product. Use chemical goggles to protect eyes when any possibility of splash is present.

GLOVE Oil impermeable gloves should be worn when handling this product.

OTHER CLOTHING AND EQUIPMENT To avoid contact with skin, use splash proof clothing that is impervious to this material and appropriate for the industrial environment and use of product.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|---|-----------------------|---|---------------------------|
| BOILING POINT @ 760 mm Hg | >500°F (>260°C) | MELTING POINT | Not Applicable |
| SPECIFIC GRAVITY (H ₂ O = 1) | 1.4 | VAPOR PRESSURE (Reference Temperature) | 0.03 mbar at 171°F (77°C) |
| VAPOR DENSITY (Air = 1) | No data | SOLUBILITY IN H₂O (% by wt.) | Negligible |
| % VOLATILE BY VOLUME | No data | EVAPORATION RATE (Butyl Acetate = 1) | No data |
| COEFF. WATER/OIL DISTRIBUTION | No data | pH | Not applicable |
| FREEZING POINT | No data | ODOR THRESHOLD | No data |
| APPEARANCE AND ODOR | Gray paste, mild odor | | |

10. STABILITY AND REACTIVITY

Conditions Contributing to Instability None known **Reactivity** Not Applicable

Incompatibility Oxidizing and reducing materials, acids, bases

Hazardous Decomposition Products Under normal temperatures this product will not decompose. See Section 5 Fire Fighting Measures, Hazardous Combustion Products.

Conditions Contributing to Hazardous Polymerization Hazardous polymerization will not occur

11. TOXICOLOGICAL INFORMATION

Toxicity, Mutagenic, Teratogenic and Synergistic Information No data

Sensitization May cause skin sensitization

Carcinogenicity

No ingredient is listed as carcinogenic by IARC, NTP, or OSHA.

12. ECOLOGICAL INFORMATION

No data

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method

Large quantities could be recovered. Otherwise, dispose in accordance with local, state, and federal regulations. Keep out of waterways.

“Empty” Container Warning

“Empty” containers retain residue and can be dangerous. “Empty” containers should be completely drained and properly sealed. Recycle or discard in accordance with local, state, and federal regulations.

14. TRANSPORT INFORMATION

U.S. DOT Not regulated **IATA** Not regulated **IMO** Not regulated

15. REGULATORY INFORMATION

Toxic Chemical Release Reporting, EPA Regulation 40 C.F.R. §372 (SARA Section 313)

Reportable chemicals in product: none California Proposition 65: No ingredients listed

Toxic Substances Control Act (TSCA), EPA Regulation 40 C.F.R. §710

The chemical ingredients in this product are in the Section 8(b) Chemical Substance Inventory (40 C.F.R. §710) and/or are otherwise in compliance with TSCA. In the case of ingredients obtained from other manufacturers, this company relies on the assurance of responsible third parties in providing this statement.

16. OTHER INFORMATION

Canada DSL: All ingredients listed

WHMIS Classification: D2B (sensitizer)

WHMIS: This product, which has been classified according to the hazard criteria of the CPR and the MSDS, contains all the information required by the CPR. (Canada)

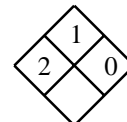


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N. F. P. A.



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

| | |
|--|--|
| TRADE NAME Bee Lok Activator | EMERGENCY (800)255-3924 |
| SYNONYMS Not applicable | INTENDED USE Industrial |
| MANUFACTURED FOR Bestolife Corporation | TELEPHONE # (214)631-6070 |
| ADDRESS 2777 Stemmons Freeway Suite 1800, Dallas, Texas 75207 | TRANSP. EMERGENCY # (800)424-9300 |
| FOR ADDITIONAL INFORMATION CONTACT Bestolife Corporation | DATE October-06 Revised |

2. COMPOSITION, INFORMATION ON INGREDIENTS

| MATERIAL OR COMPONENT (CAS#) | WEIGHT % | OSHA PEL/TWA | OSHA Ceiling | ACGIH TLV/TWA | ACGIH TLV/STEL | Other |
|---|-------------|-----------------|-----------------|------------------|-------------------|----------------|
| Triethylene tetramine (CAS#112-24-3) | < 10 | None | None | None | None | Not Applicable |
| TETA (CAS #26950-63-0) (Reaction Product with Propylene Oxide) | 60-90 | None | None | None | None | Not Applicable |

*Respirable Dust

3. HAZARDS IDENTIFICATION

Routes of Exposure for Users

- Skin Contact May cause drying of skin, irritation, and dermatitis.
- Skin Absorption Not an expected route of entry.
- Eye Contact May cause irritation, redness, and tears.
- Ingestion Not an expected route of entry. May cause gastrointestinal irritation, nausea, vomiting, and diarrhea.
- Inhalation Not an expected route of entry.

| | |
|---|---|
| Effects of Overexposure | |
| Acute | Short single exposure may cause irritation or redness to eyes, skin and/or mucous membranes. Ingestion of the product may cause gastrointestinal irritation. Ingestion may also cause nausea, vomiting, and diarrhea. Skin contact may cause drying of skin, irritation, and dermatitis. |
| Chronic | Excessive exposure may cause irritation. Has caused skin sensitization and allergic reaction in humans. |
| Signs and Symptoms of Exposure | Skin or eye irritation; see effects of overexposure described, above. |
| Aggravated Medical Conditions | Preexisting eye or skin disorders may be aggravated by exposure to this product. |
| Notes to Physician | The effect of extended or repeated exposure to body organs is unknown. There is no specific antidote. For combustion product effects see Hazardous Combustion Products in Section 5. Fire Fighting Measures. |
| 4. FIRST AID MEASURES | |
| Eyes | Immediate and continuous flushing with copious amounts of water for at least 30 minutes. Get immediate medical attention. |
| Skin | Immediately flush with water for 15 minutes while removing contaminated clothing. Get medical attention, if irritation occurred. Wash clothing before reuse. |
| Ingestion | Get immediate medical attention. DO NOT INDUCE VOMITING! Give large amounts of water, if conscious. Never give anything by mouth to a unconscious person. |
| Inhalation | Remove from exposure. Get medical attention. |
| 5. FIRE FIGHTING MEASURES | |
| Flash Point | >240°F (115°C) Test Method: COC |
| Flammable Limits in Air (% by volume, estimated) | Lower: No data Upper: No data |
| Auto-ignition Temperature | Not available |
| Hazardous Combustion Products | Combustion products are highly dependent on the combustion conditions. CO, CO ₂ oxides of nitrogen and ammonia gas may be formed during combustion. Combustion products may cause effects of overexposure as noted in Section 3, Hazards Identification. They may also cause dizziness; coma; convulsion; drowsiness; drowsiness; tachypnea; nausea; paresthesia; dyspnea; asphyxiation; mild to severe eye, skin or respiratory tract irritation; cough; pulmonary edema and/or lung damage. Other unidentified health effects may occur. |
| Conditions Contributing to Flammability | High temperatures; open flame |
| Extinguishing Media | Dry chemical, water fog, foam, or carbon dioxide may be suitable for extinguishing fires involving this product. |
| Special Fire Fighting Procedures | Use full-body protection and full-face, self-contained breathing apparatus operated in a positive-pressure mode. Will burn under right conditions of heat and oxygen supply. |
| Unusual Fire and Explosion Hazards | Product vapor may be irritating or toxic if inhaled. Fire water runoff may be toxic. |
| Sensitivity to Impact | Not Applicable |
| Sensitivity to Static Discharge | Not Available |

6. ACCIDENTAL RELEASE MEASURES

Steps to be Taken if Material is Released or Spilled Remove sources of ignition and recover, or use incombustible absorbent material or sand and shovel into suitable container. Keep out of streams and waterways. Assure conformity with applicable governmental regulations. Advise authorities if product has entered sewers, watercourses, or extensive land areas.

Neutralizing Chemicals Not applicable

7. HANDLING AND STORAGE

Always wash face and hands with soap and water after use and before smoking, eating, or drinking. Smoking, eating, and drinking should be confined to uncontaminated areas. Work clothes and equipment should remain in designated areas. Remove contaminated clothing immediately. Contaminated leather items (shoes, belts, watchbands) should be removed and destroyed. Before reuse, launder contaminated clothing separate from personal clothing.

Avoid skin contact and use personal protection when handling product, waste product, or contaminated equipment. Avoid inhalation, use only in a well ventilated area. Eyewash should be located in immediate work area.

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Store in a cool, dry area, below 90°F. Keep storage containers closed when not in use and upright to prevent leakage.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Ventilation Requirements Provide general clean air dilution or local exhaust ventilation in volume and pattern to keep the air contaminant concentration below hazardous levels. Refer to OSHA Standard 29 CFR 1910.94.

Specific Personal Protection Equipment

RESPIRATORY Do not breathe vapors. Use only in areas with adequate ventilation. Observe OSHA standard 29 CFR 1910.134.

EYE Safety glasses should be worn when using this product. Use chemical goggles to protect eyes when any possibility of splash is present.

GLOVE Oil impermeable gloves should be worn when handling this product.

OTHER CLOTHING AND EQUIPMENT To avoid contact with skin, use splash proof clothing that is impervious to this material and appropriate for the industrial environment and use of product.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------------------|---------|----------------------|----------------|
| BOILING POINT @ 760 mm Hg | No data | MELTING POINT | Not Applicable |
|--------------------------------------|---------|----------------------|----------------|

| | | | |
|--|-----|---|---------|
| SPECIFIC GRAVITY (H₂O = 1) | 1.4 | VAPOR PRESSURE (Reference Temperature) | No data |
|--|-----|---|---------|

| | | | |
|------------------------------------|---------|--|------------|
| VAPOR DENSITY (Air = 1) | No data | SOLUBILITY IN H₂O (% by wt.) | Negligible |
|------------------------------------|---------|--|------------|

| | | | |
|---------------------------------|---------|---|---------|
| % VOLATILE BY VOLUME | No data | EVAPORATION RATE (Butyl Acetate = 1) | No data |
|---------------------------------|---------|---|---------|

| | | | |
|--|---------------|-----------|----------------|
| COEFF. WATER/OIL DISTRIBUTION | Not Available | pH | Not applicable |
|--|---------------|-----------|----------------|

| | | | |
|-----------------------|---------|-----------------------|---------|
| FREEZING POINT | No data | ODOR THRESHOLD | No data |
|-----------------------|---------|-----------------------|---------|

APPEARANCE AND ODOR Black paste, amine odor

10. STABILITY AND REACTIVITY

| | | | |
|---|------------|-------------------|----------------|
| Conditions Contributing to Instability | None known | Reactivity | Not Applicable |
|---|------------|-------------------|----------------|

Incompatibility Oxidizing and reducing materials, acids, bases, sodium nitrite

Hazardous Decomposition Products Under normal temperatures this product will not decompose. See Section 5 Fire Fighting Measures, Hazardous Combustion Products.

Conditions Contributing to Hazardous Polymerization Hazardous polymerization will not occur

11. TOXICOLOGICAL INFORMATION

Toxicity, Mutagenic, Teratogenic and Synergistic Information No data

Sensitization May cause skin sensitization, may cause allergic reaction

Carcinogenicity

No ingredient is listed as carcinogenic by IARC, NTP, or OSHA.

12. ECOLOGICAL INFORMATION

No data

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method

Large quantities could be recovered. Otherwise, dispose in accordance with local, state, and federal regulations. Keep out of waterways.

“Empty” Container Warning

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