

# Safety Data Sheet - Bulky B



This Safety Data Sheet (SDS) complies with the requirements of the U.S. Federal Occupational Safety and Health Administration Hazard Communication 29 CFR 1910.1200 (g)(2) as revised March 6, 2012.

## 1. IDENTIFICATION OF THE PRODUCT & COMPANY

- **Product Name:** FloraFlex® Bulky B / 0-14-38
- **Intended Use:** Fertilizer
- **Company Identification:** FloraFlex / 4804 Laurel Canyon Blvd, Suite 1047, Studio City, CA 91607
- **Emergency Information:** Medical Emergency Telephone Number: —  
Non-Emergency Telephone Number: 855-855-1053

## 2. HAZARD IDENTIFICATION

- **Physical Hazards:** None

### Precautionary Statements:

- **Prevention:** Wear eye protection/face protection. Wash hands 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.
- **Storage and Disposal:** Dispose of in accordance with local/regional/national/international regulations.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Component                                            | CAS Number | Classification | Percentage |
|------------------------------------------------------|------------|----------------|------------|
| Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) | 14265-44-2 | Not Classified | 14         |
| Soluble Potash (K <sub>2</sub> O)                    | 1310-58-3  | Not Classified | 38         |
| Magnesium Sulfate                                    | 7487-88-9  | Not Classified | 1          |
| Combined Sulfur (in sulfate form)                    | 14808-79-8 | Not Classified | 11         |
| Molybdenum                                           | 7439-98-7  | Not Classified | 0.001      |
| Sodium Ion                                           | 17341-25-2 | Not Classified | 1          |

**Derived from:** monopotassium phosphate, magnesium sulfate, sulfate of potash, and sodium molybdate.

**This information is listed per 29 CFR 1910.1200.**

## 4. FIRST AID MEASURES

- **Eyes:** Flush eyes with water for 15 minutes. Seek immediate medical attention.
- **Skin:** Rinse skin with soap and water. No first aid measures typically required. Seek medical attention if irritation persists.
- **Ingestion:** Quickly rinse mouth with water and then drink several sips. Do not induce vomiting. Seek medical attention or call a poison control center.
- **Inhalation:** No first aid measures typically required. Move to fresh air if necessary.

## 5. FIRE FIGHTING MEASURES

- **5.1 Extinguishing Media:** Use water spray, fog, or foam. Sand, dry chemical or fine crushed earth may be used on small fires.
- **5.2 Special Hazards Arising from the Substance/Mixture:** Toxic fumes from sulfur dioxide may result from combustion. Do not allow run-off from firefighting to enter drains or water courses.

- **5.3 Advice for Fire Fighters:** Wear full protective gear and self-contained breathing apparatus (SCBA) for significant fires. Ventilate the area. Avoid breathing vapors, mist or gas.
- **5.4 Additional Information:** None

## 6. ACCIDENTAL RELEASE MEASURES

- **6.1 Personal Precautions:** Do not breathe dust. Avoid contact with skin, eyes, and clothing. Use personal protective equipment.
- **6.2 Environmental Precautions:** Do not discharge into soil or aquatic environments.
- **6.3 Methods for Containment/Clean-Up:** Absorb spill with cloth, paper towel, sand, or sawdust, etc. Dispose properly in trash. Avoid dust. Dilute any contaminated or fine-grained fertilizer with inert materials such as limestone/dolomite, gypsum, sand, or dissolve in water.

## 7. HANDLING AND STORAGE

- **7.1 Handling:** Avoid unnecessary exposure to air. Do not breathe dust. Avoid contact with combustible materials such as oil, grease, and/or fuel. Wear protective personal equipment. Handle in accordance with good industrial hygiene and safety practices.
- **7.2 Storage:** Store per local regulations. Keep containers tightly closed in a dry, cool, well-ventilated area. Avoid direct sunlight and keep away from ignition and heat sources. *Packaging:* PVC, polyethylene, and steel.

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

- **8.1 Exposure Limit Values:** None listed.
- **8.2 Exposure Controls:** Ensure adequate ventilation, especially in confined areas.
- **8.3 Personal Protection:**
  - *Eye protection:* Safety glasses with side shields.
  - *Hand protection:* Protective gloves (Butyl rubber, Neoprene, Leather). Approx. 5 mil; breakthrough time 4–8 hours.

- *Skin/body*: Long-sleeve clothing.
- *Respiratory*: If ventilation is insufficient, wear suitable respiratory equipment (EN 143, EN 149).
- *Hygiene measures*: Do not eat, drink, or smoke when using. Wash hands before breaks and after handling. Remove and wash contaminated clothing before reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- **Physical state**: Solid
- **Odor**: No odor
- **pH**: Not determined
- **Melting Point/Freezing Point**: Not determined
- **Boiling Point**: Not determined
- **Flash Point**: Not applicable
- **Evaporation Rate**: Not applicable
- **Flammability**: Not determined
- **Upper/Lower Flammability Limits**: Not determined
- **Vapor Pressure**: Negligible
- **Vapor Density**: Not applicable
- **Relative Density**: Not determined
- **Solubilities**: Soluble in water
- **Partition Coefficient (n-Octanol/Water)**: Not determined
- **Autoignition Temperature**: Not determined
- **Decomposition Temperature**: Not determined
- **Viscosity**: Not applicable
- **Explosive Properties**: Not determined
- **Oxidizing Properties**: Not determined

## 10. STABILITY AND REACTIVITY

- **Stability**: Stable under recommended storage conditions.
- **Reactivity**: Stable under recommended storage conditions.
- **Possibility of hazardous reactions**: Hazardous decomposition products may be formed under fire conditions.
- **Conditions to avoid**: Avoid thermal decomposition; do not heat.
- **Incompatible materials**: Combustible materials and reducing agents.

- **Hazardous decomposition products:** Not determined.

## 11. TOXICOLOGICAL INFORMATION

Acute toxicity: Oral—no known effect; Dermal—no known effect; Inhalation—no known effect.

Skin corrosion/irritation: no known effect. Eye damage/irritation: non-irritating. Respiratory or skin sensitization: no known effect. Cell mutation: no known effect. Carcinogenicity: no known effect. Reproductive toxicity: no known effect. Aspiration hazard: no known effect.

## 12. ECOLOGICAL INFORMATION

Contains no substances known to be hazardous to the environment. Readily biodegradable; bioaccumulation is unlikely.

Phosphate: LC50 fish >100 mg/L at 48 h. LC50 daphnia >100 mg/L at 48 h.

## 13. DISPOSAL CONSIDERATIONS

Where possible, recycle. If recycling is not practical, dispose in compliance with local regulations. Do not release uncontrolled material into the environment. Clean packaging before reuse and avoid release. Dispose in compliance with federal, state, and local regulations.

## 14. TRANSPORTATION INFORMATION

**DOT:** Not regulated for ground shipping under US DOT.

## 15. REGULATORY INFORMATION

All components of this product are on or are exempt from the TSCA inventory.

SARA/OSHA hazardous chemical reporting quantity: none.

**WARNING:** This product could potentially expose you to chemicals which are known to the State of California to cause cancer, and which are known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## 16. OTHER INFORMATION

- **Date Prepared:** January 3, 2025
- **Version:** 1.0

Workers must be trained in the proper use and handling of this product as required under applicable regulations.

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.