

# MATERIAL SAFETY DATA SHEET

**BioDefend**  
150 Industrial Road  
Alabaster AL 35007

**Hazard Ratings:**  
Health: 1  
Flammability: 0  
Reactivity: 0

0= Least  
1= Slight  
2= **Moderate**  
3= High  
4= **Extreme**

**PHONES:**

INQUIRY: (251)746-2251  
EMERGENCY. 24 hour Chemtrec:1-800-424-9300

IDENTITY: BioDefend **Snake Repellent Granular with Extendex**

## SECTION 1

**MANUFACTURER'S NAME:** JOHNSON LABS, INC.  
**ADDRESS:** 401 LOVE STREET-TROY, AL 36081  
**EMERGENCY PHONE NUMBER:** 1-800-473-9152  
**PHONE NUMBER FOR INFORMATION:** (334) 566-9152  
**DATE PREPARED:** 05/27/2006  
**NAME OF PREPARER:** L.B. JOHNSON

## SECTION 11-HAZARDOUS INGREDIENTS/INFORMATION

HAZARDOUS COMPONENTS	OSHA PEL	ACGIH TLV	OTHER MAC STEL	% RANGE
none				

**NOTE: SEE SECTION IX; POSSIBLE REPORTING CRITERIA.**

## SECTION III- PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT (INITIAL): N/A  
VAPOR PRESSURE(MM Hg):N/A  
VAPOR DENSITY (Air=1): N/A

pH. 6

SOLUBILITY IN WATER: COMPLETE

APPEARANCE AND ODOR MILKY WITH VINEGAR ODOR

SPECIFIC GRAVITY(H<sub>2</sub>O=1):M/A

MELTING POINT: N/A

EVAPORATION RATE:N/A

**Bulk Density: 28 to 31 #/cu ft**

## SECTION IV- FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used): NOT FLAM.  
EXTINGUISHING MEDIA: NOT APPLICABLE  
SPECIAL FIRE FIGHTING PROCEDURES NONE

FLAMMABLE LIMITS: CEL N/A UEL N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: NO KNOWN HAZARDS

# MATERIAL SAFETY DATA SHEET *continued*

## SECTION V-REACTIVITY DATA

STABILITY: STABLE

INCOMPATIBILITY (Materials to Avoid): NONE

HAZARDOUS DECOMPOSITION PRODUCTS: NONE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

## SECTION VI- HEALTH HAZARD DATA

ROUTE(S) OF ENTRY:

INHALATION? LOW

SKIN? LOW

INGESTION? LOW

EYES? LOW

HEALTH HAZARDS (Acute and Chronic):

INGESTION- RINSE MOUTH AND CONSULT A PHYSICIAN

INHALATION- N/A

DERMAL- RINSE WILL WITH SOAP AND WATER

EYE- RINSE WILL WITH SOAP AND WATER

CARCINOGENICITY:

NTP?

NOT LISTED

IARC Monographs?

NONE KNOWN

OSHA Regulated?

NO

SIGNS AND SYMPTOMS OF EXPOSURE:

INHALATION- N/A

INGESTION- NAUSIA

SKIN CONTACT- N/A

EYE CONTACT- BURNING

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NONE KNOWN

EMERGENCY AND FIRST AID PROCEDURES:

INGESTION- GIVE LARGE AMOUNTS OF WATER, INDUCE VOMITING, GET MEDICAL ATTENTION

INHALATION- REMOVE PATIENT TO FRESH AIR SOURCE

SKIN CONTACT- FLUSH WITH WATER, IF REDNESS APPEARS, GET MEDICAL ATTENTION

EYE CONTACT- FLUSH WITH WATER, GET IMMEDIATE MEDICAL ATTENTION

# MATERIAL SAFETY DATA SHEET *continued*

## SECTION VII- PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SMALL SPILLS: CONTAIN SPILL. ABSORB ON SUITABLE MATERIAL

LARGE SPILLS: CONTAIN SPILL, ABSORB ON SUITABLE MATERIAL

WASTE DISPOSAL METHOD: CONSULT LOCAL AUTHORITIES FOR APPROVAL OF SITE AND METHOD.  
DISPOSE OF NEUTRALIZED MATERIAL IN CERTIFIED LANDFILL.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING. CLEAN UP ALL SPILLS PROMPTLY. SPILL  
AREA COULD BE HAZARDOUS TO FOOT TRAFFIC.

OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.  
KEEP CONTAINER CLOSED WHEN NOT IN USE.  
DO NOT MIX WITH OTHER CHEMICALS OR CLEANERS.

## SECTION VIII- CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE). NOT REQUIRED.

VENTILATION: LOCAL EXHAUST- AMBIENT AIR CIRCULATION. MAINTAIN FLOW OF FRESH AIR.

PROTECTIVE GLOVES: WATERPROOF GLOVES.

EYE PROTECTION: GLASSES RECOMMENDED.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NOT REQUIRED.

WORK/HYGIENIC PRACTICES: RINSE HANDS AFTER HANDLING MATERIAL.

APPLICATION: FOLLOW INSTRUCTIONS: DO NOT OVERUSE PRODUCT.

## SECTION IX- REGULATORY INFORMATION & REFERENCES

### SARA TITLE III REPORTING REQUIREMENTS

SECTION 302:	NOT REQUIRED
SECTION 311:	NOT REQUIRED
SECTION 312:	NOT REQUIRED
SECTION 313:	NOT REQUIRED

### CERCLA/RCRA REPORTING REQUIREMENTS

CERCLA:	REPORTING NOT REQUIRED
RCRA:	
BIODEGRADABILITY:	BIODEGRADABLE
SHIPPING DESCRIPTION:	SNAKE REPELLENT
LABEL REQUIRED:	