

## INDOLE-3-BUTYRIC ACID POTASSIUM SALT

### SECTION 1: PRODUCT IDENTIFICATION

Product Name: INDOLE-3-BUTYRIC ACID POTASSIUM SALT  
Product Code: CM 23,493  
CAS#: 133-32-4  
Chemical Formula:  $C_{12}H_{13}NO_2$   
Molecular Formula: 203.33

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Name: INDOLE-3-BUTYRIC ACID  
Chemical Formula:  $C_{12}H_{13}NO_2$   
Molecular Formula: 203.33

### SECTION 3: HAZARDS IDENTIFICATION

Classification of the substance or mixture  
Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]  
Acute toxicity, Oral (Category 3)  
Skin irritation (Category 2)  
Eye irritation (Category 2)  
Specific target organ toxicity - single exposure (Category 3)  
Classification according to EU Directives 67/548/EEC or 1999/45/EC  
Toxic if swallowed. Irritating to eyes, respiratory system and skin.  
Other hazards – none

### SECTION 4: FIRST AID MEASURES

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.  
Skin Contact: Wash off immediately with soap and plenty of water. Cover the irritated skin with emollient. Immediate medical attention is required.  
Serious Skin Contact: Not available.  
Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.  
Serious Inhalation: Not Available.  
Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.  
Serious Ingestion: Not available.

### SECTION 5: FIRE FIGHTING MEASURES

Suitable extinguishing media  
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.  
Special hazards arising from the substance or mixture  
Carbon oxides, nitrogen oxides (NO<sub>x</sub>), Sulphur oxides, Sodium oxides  
Advice for firefighters



Wear self contained breathing apparatus for firefighting if necessary

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions and emergency procedures: Avoid dust formation. Avoid breathing vapours, mist or gas.

Environmental precautions: Do not let product enter drains.

Methods and materials for containment and cleaning up: Sweep up and shovel. Keep in suitable, closed containers for disposal.

#### SECTION 7: HANDLING AND STORAGE

Precautions: Keep away from heat. Keep away from sources of ignition.

Storage: Store in cool, dry place in closed containers

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure controls

Appropriate engineering controls Handle in accordance with good industrial hygiene and safety practice.

Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance	Form	:Off-white crystalline powder.
Odour		:Not available
Taste		:Not available
Molecular Weight		:Not available
Colour		:Not available
pH		:Not available
Boiling Point		:Not available
Melting Point		:Not available
Critical Temperature		:Not available
Specific Density		:Not Available
Vapor Pressure		:Not Available
Vapor Density		:Not available
Volatility		:Not Available
Odor Threshold		:Not Available
Water/Oil Dist. Coeff.		:Not Available
Ionicity (in Water)		:Not Available
Dispersion Properties		:Not Available





Not available.

Chemical Safety Assessment: Not available.

#### SECTION 16: OTHER INFORMATION

References: Not available.

Other Special Considerations: Not available.

The information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. The information is offered solely for user's obligation to investigate and determine the suitability of the information for their particular purpose.

