

MATERIAL SAFETY DATA SHEET

1) PRODUCT AND OF THE COMPANY INFORMATION

PRODUCT NAME : **BASIC BROWN 1**
COMPANY UNDERTAKING : ALLIANCE ORGANICS LLP,
IDENTIFICATION : 16/17, 3rd Floor, Kamdhenu Ind. Est.,
Mindspace, Malad(W),
Mumbai-400064,
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2) COMPOSITION/INFORMATION ON INGREDIENTS

CAS No. : 1052-36-6
Formula : C₁₈ H₁₈ N₈ 2hcl
Molecular Weight : 419.31

3) HAZARDOUS INGREDIENTS

<u>CHEMICALS</u>	<u>CAS NO.</u>	<u>AMOUNT</u>
Basic Brown 1	1052-36-6	Proportionate

Special Indication Of Hazards To Humans And The Environment Harmful If Swallowed. Irritating to Eyes

4) PHYSICAL DATA

Colour : Brown
Form / Appearance : Powder
ph : 7.0 ± 1.5
Solubility : Soluble In Water
Melting Point : > 250^oc (Dec.)(Lit.)

5) FIRE AND EXPLOSION DATA

Flash Point : Not Available
Auto Ignition : Not Available
Extinguishing Media : Use water fog, foam or dry chemical extinguishing media
Fire Fighting Procedures : Firefighters should be equipped with self-contained breathing apparatus and turn out gear.
Unusual Hazards : No known unusual fire or explosion hazard occurs.

6) HEALTH HAZARDS DATA

Routes of entry including eye and skin : Inhalation and ingestion are routes of entry of vapors / mists or liquid.
Skin : Contact with this liquid may result in deep burns and dermatitis.
Eye : Contact may result in burns and permanent injury.
Over Exposure : Severe exposure and inhalation to acetic acid may result in pulmonary edema.inhalation of the vapors/ mists may cause irritation of respiratory tract and inflammation of lungs.
Ingestion : May cause moderate to severe gastric irritation including nausea,Vomiting and pain. it can also cause damage togastrointestinal tract.

7) CHRONIC OVEREXPOSURE EFFECTS

No Chronic Effects Of This Product Are Known

8) **FIRST AID**

- Skin : Wash affected area, with water and mild soap. Take off contaminated clothing.
Wash well before re-use. get medical aid when required.
- Eyes : Rinse the eyes under running water for 15 minutes and get medical attention without delay.
- Ingestion : If swallowed, dilute with water. do not induce vomiting. never give fluids or induce vomiting if the patient is unconscious. get medical attention at once. get medical aid without delay.
- Other First aid Procedures : no other first aid needed.

9) **REACTIVITY DATA**

- Stability : Stable
- Incompatibility : None Known
- Conditions / Hazards To Avoid : None Known
- Hazardous Decomposition Products : May Produce Co & Co₂
- Polymerization : Does Not Occur
- Corrosive Properties : Corrosive
- Oxidizer : Not An Oxidizer
- Other Reactivity Data : None Known

10) **PERSONAL PROTECTION**

- Clothing : Gloves, coveralls, apron, boots as necessary to prevent skin contact.
- Eyes : Chemical goggles, wear face shield if splashing hazards exists.
- Respiration : If vapors/mists are generated. niosh / msha approved organic vapor / mist respirator or an air-supplied respirator are appropriate.
- Ventilation : Use local exhaust
- Explosion : Proofing : none required

11) **OTHER PERSONAL PROTECTION DATA**

- Eye wash fountains & safety shower's must be provided.

12) **SPILL-LEAK / ENVIRONMENTAL**

- Spill / Leakage : should be contained, solidified and placed in suitable federal regulations
- Waste Disposal : Do not discharge into water ways or sewer system. waste should be incinerate or dispose, in according with local, state and federal regulation.
- Empty Containers
- Disposal : Empty containers with less than 1 inch of residue may be landfilled and disposed in accordance with local, state, federal regulation.
- Other Information : No other spill procedures necessary.

13) **ACCIDENTAL RELEASE MEASURES**

- Personal precaution procedures to be followed in case of leak or spill evacuate area.
- Procedure(S) Of Personal : Wear respirator, chemical safety goggles, rubber boots, Precaution(s) and heavy rubber gloves.
- Methods For Cleaning Up : Sweep up, place in a bag and hold for waste disposal.
Avoid raising dust. ventilate area and wash spill site
After material pickup is complete.

14) **STORAGE AND HANDLING**

- Conditions Of Storage : Keep tightly closed
- Directions For Safe Handling : Do not breathe dust. avoid contact with eyes, skin and clothing.
- Handling : Avoid prolonged or repeated exposure.

15) **EXPOSURE CONTROLS / PERSONAL PROTECTION**

- Engineering Controls : Safety shower and eye bath. mechanical exhaust required
- General Hygiene Measures : Wash thoroughly after handling

16) **OTHER INFORMATION**

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. recipients of our product must take responsibility for observing existing laws and regulations. The information given and the recommendations made herein apply to our product alone and not combined with other products. such are based on our research and on data from other reliable sources and are believed to be accurate. no guarantee of accuracy is made. it is the purchasers' responsibility before using any product to verify these data under their own operating conditions and to determine if the product is suitable for their purposes.
