



**MATERIAL SAFETY DATA SHEET**

**SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

MSDS NAME : 3-NITROBENZENE SULPHONIC ACID SODIUM SALT (MNBS)  
COMMON NAME : RESIST SALT  
COMPANY IDENTITY : SHREE RAM CHEMICALS INDUSTRIES  
PLOT NO:411/4, PHASE-II, GIDC  
VATVA, AHMEDABAD-382445  
GUJARAT, INDIA  
  
PHONE NO : 91 79-29704910

**SECTION 2- COMPOSITION , INFORMATION, INGREDIENTS**

CAS NO : 127-68-4  
CHEMICAL NAME : META NITROBENZENE SULPHONIC ACID SODIUM SALT  
(3-NITROBENZENE SULPHONIC ACID SODIUM SALT)  
MOLECULAR WT. : 225.2 GM/MOLE

**SECTION 3- HAZARDS IDENTIFICATION**

APPEARANCE : LIGHT CREAMISH POWDER AND GRANULES

NO HAZARDUS PRODUCT AS SPECIFIED IN DIRECTIVE

**SECTION 4- FIRST AID MEASURE**

AFTER INHALATION : FRESH AIR.  
AFTER SKIN CONTACT : WASH WITH PLENTY OF WATER.  
AFTER EYE CONTACT : WASH WITH PLENTY OF WATER.  
AFTER SWALLOWING : MAKE VICTIM DRINK OF WATER, INDUCE VOMITING, CONTACT  
DOCTOR IF NOT FEELING GOOD.





### SECTION 5- FIRE FIGHTING MEASURE

|                     |  |
|---------------------|--|
| GENERAL INFORMATION | : AS IN ANY FIRE WEAR A SELF BREATHING APPARATUS.            |
| EXTINGUISHING MEDIA | : IN CASE OF FIRE USE WATER, DRY CHEMICAL,<br>CHEMICAL FOAM. |
| AUTO IGNITION TEMP. | : 250 °C   |
| FLASH POINT         | : NOT AVAILABLE  |
| EXPLOSION           | : NO   |

### SECTION 6 - ACCIDENTAL RELEASE MEASURE

|                     |   |
|---------------------|---|
| GENERAL INFORMATION | : USE PERSONAL PROTECTIVE EQUIPMENT AS INDICATED IN<br>SEC. 8   |
| SPILLS/ LEAKS       | : VACUUM OR SWEEP UP MATERIAL AND PLACE INTO A<br>SUITABLE DISPOSAL CONTAINER. AVOID GENERATING<br>DUSTING CONDITION. |

### SECTION 7- HANDLING AND STORAGE

|          |   |
|----------|---|
| HANDLING | : NO FURTHER REQUIREMENT, HANDLE NORMALLY                                 |
| STORAGE  | : KEEP IN TIGHT PACKING AT ROOM TEMP. HEAVY TEMP<br>NOT ALLOWED STRICTLY. |

### SECTION 7- EXPOSURE CONTROLS, PERSONAL PROTECTION

|                      |  |
|----------------------|--|
| ENGINEERING CONTROLS | : USE ADEQUATE VENTILATION TO AIRBORNE<br>CONCENTRATION LOW. |
|----------------------|--|

### SECTION 8 - PERSONAL PROTECTIVE EQUIPMENT

|             |  |
|-------------|--|
| EYES        | : WEAR APPROPRIATE PROTECTIVE EYEGLASSES.  |
| SKIN        | : WEAR APPROPRIATE PROTECTIVE GLOVES TO PREVENT SKIN<br>EXPOSURE.  |
| CLOTHING    | : WEAR PROTECTIVE CLOTHES TO PREVENT SKIN EXPOSURE.  |
| RESPIRATORS | : WEAR A FULL-FACE PIECE AIRLINE RESPIRATORS IN THE<br>POSITIVE PRESSURE MODE WITH EMERGENCY ESCAPE<br>PROVISIONS. |





### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

|                   |   |  |
|-------------------|---|--|
| PHYSICAL STATUS   | : | DRY POWDER & GRANULES  |
| APPEARANCE        | : | LIGHT CREAMISH   |
| ODOR              | : | ODORLESS   |
| PH                | : | 7.0 - 9.0  |
| MOLECULAR FORMULA | : | C <sub>6</sub> H <sub>4</sub> NO <sub>2</sub> SO <sub>3</sub> NA |
| SOLUBILITY        | : | SOLUBLE IN WATER   |
| MOLECULAR WT.     | : | 225.2  |
| EXPLOSIVE         | : | NO   |
| IGNITION          | : | ONLY IN CONTACT WITH FIRE OR OVER 250 °C TEMP.                   |

### SECTION 10- STABILITY AND REACTIVITY

|                                 |   |                                  |
|---------------------------------|---|----------------------------------|
| CHEMICAL STABILITY              | : | YES                              |
| HAZARDOUS DECOMPOSITION PRODUCE | : | COMBUSTION WILL PRODUCE DIOXIDE. |
| HAZARDOUS POLYMERIZATION        | : | HAS NOT BEEN REPORTED.           |
| REACTIVITY IN DRY FORM          | : | NOT APPLICABLE.                  |

### SECTION 11 - TOXICOLOGICAL INFORMATION

TOXIC BY INGESTION & INHALATION, MAY IRRITATE NOSE AND THROAT.

### SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICITY : NOT AVAILABLE.

### SECTION 13 - DISPOSAL CONSIDERATION

PRODUCT : CHEMICAL MUST BE DISPOSED OF IN COMPLIANCE WITH THE  
RESPECTIVE  
NATIONAL REGULATION.  
NOT LISTED AS A MATERIAL BANNED FROM LAND DISPOSAL ACCORDING  
TO RCRA.





**SECTION 14 - TRANSPORT INFORMATION**

DO HAZARDOUS CLASSIFICATION: NOT REGULATED BY DOT

**SECTION - 15 REGULATORY INFORMATION**

REGULATORY INFORMATION IS NOT AVAILABLE.

**SECTION- 16 ADDITIONAL INFORMATION**

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