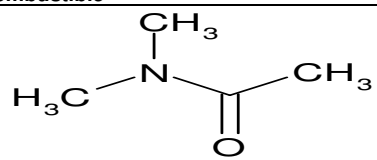




Product Specification

|                                                                                    |                                                                                                         |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| E Control                                                                          | QC2\DATAD\DA\PS\37011\XPS.xls                                                                           |
| PRODUCT CODE                                                                       | 37011                                                                                                   |
| PRODUCT NAME                                                                       | N,N-DIMETHYLACETAMIDE LR                                                                                |
| SYNONYMS                                                                           | N/A                                                                                                     |
| C.I. NO.                                                                           | N/A                                                                                                     |
| CASR NO.                                                                           | 127-19-5                                                                                                |
| ATOMIC OR MOLECULAR FORMULA                                                        | C <sub>4</sub> H <sub>9</sub> NO                                                                        |
| ATOMIC OR MOLECULAR WEIGHT                                                         | 87.12                                                                                                   |
| PROPERTIES                                                                         | Combustible                                                                                             |
|  |                                                                                                         |
| PARAMETER                                                                          | LIMIT                                                                                                   |
| Description                                                                        | A clear liquid, colour not more than 10 Hazen units.                                                    |
| Solubility                                                                         | Mix 20 ml with 20 ml of water, a clear and colourless solution is obtained with no trace of cloudiness. |
| Minimum assay (By GC)                                                              | 99.0%                                                                                                   |
| Wt.per ml at 20 °C                                                                 | 0.940 - 0.942 g                                                                                         |
| MAXIMUM LIMIT OF IMPURITIES                                                        |                                                                                                         |
| Water (By KF)                                                                      | 0.3%                                                                                                    |

Note(s) : Assay (if applicable) method mentioned.

**DANGER**

**HAZARD STATEMENTS** : Combustible Liquid. Toxic if inhaled. Harmful in contact with skin. May be harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation. May damage the unborn child.

**PRECAUTIONARY STATEMENTS** :

**Prevention** : Wash hands thoroughly after handling. Obtain special instructions before use. Do not breathe dust/fume/gas/mist/vapours/spray. Wear protective gloves/clothing. Avoid breathing dust/fume/gas/mist/vapours/spray. Use explosion-proof electrical/ventilating/lighting/equipment. Use only outdoors or in a well ventilated area. Use personal protective equipment as required. Keep away from flames and hot surfaces. Do not handle until all safety precautions have been read and understood.

**Response** : Keep container tightly closed. Wash contaminated clothing before reuse. If eye irritation persists, get medical advice/attention. If exposed or concerned: Get medical attention advice. Wear eye/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs, seek medical advice/attention. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. In case of fire, use alcohol-type foam for extinction. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. In case of fire, use dry agent for extinction. Specific treatment: refer to Label or MSDS. IF ON SKIN: Gently wash with plenty of soap and water. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell.

**Disposal** : The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber. Add a little at a time (2 to 5g) to a large volume of water. After the reaction or solution is complete, allow it to run to normal waste, diluting with large amount of water. Any sand used to cover spillage should be thoroughly washed with water before disposal as normal waste.

IMDG Code : ---  
UN No. : ---  
IATA : ---

Hazard pictogram(s) :



Acute toxicity



Aspiration hazard

|                             |                            |                               |                           |
|-----------------------------|----------------------------|-------------------------------|---------------------------|
| Prepared By : DINESH        | Checked By: RAJU VYAS      | Approved By: S.S.TOLIA        | Issue Date : 28/11/2002   |
| Name/Dept. : Officer (Q.A.) | Name/Dept. :Incharge(Q.A.) | Name/Dept. : Incharge (Tech.) | Revision No. : 01         |
| Sign. :                     | Sign. :                    | Sign. :                       | Revision dt. : 30/08/2010 |
| Date : 27/08/2010           | Date : 27/08/2010          | Date : 30/08/2010             | AMEND NO. : P062          |