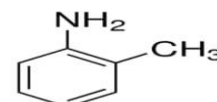


o-TOLUIDINE FOR SYNTHESIS

| | |
|------------------------------------|--|
| PRODUCT CODE | 030467 |
| SYNONYMS | o-Aminotoluene, 2-Methylaniline |
| C.I. NO. | N/A |
| CASR NO. | 95-53-4 |
| ATOMIC OR MOLECULAR FORMULA | C₇H₉N |
| ATOMIC OR MOLECULAR WEIGHT | 107.16 |



| | |
|-------------------|---|
| PROPERTIES | Volatile with steam, Combustible |
|-------------------|---|

| PARAMETER | LIMIT |
|------------------|--------------|
|------------------|--------------|

| | |
|---|--|
| Description | Light yellow liquid, becomes reddish brown on exposure to air and light. |
| Solubility | Slightly soluble in water. Miscible with alcohol & ether. |
| Minimum assay(By GC) | 99.0% |
| Wt. per ml at 20°C | 0.997 - 1.000 g |
| Refractive Index (n) _D ²⁰ | 1.5715 - 1.5725 |
| Boiling Range (198 - 201°C) | Min. 95.0% |

MAXIMUM LIMIT OF IMPURITY

| | |
|-------|------|
| Water | 0.2% |
|-------|------|

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

DANGER

HAZARD STATEMENTS : Combustible Liquid. Fatal if inhaled. Toxic if swallowed. Causes mild skin irritation. Causes serious eye irritation. May cause CANCER. Very toxic to aquatic life.

PRECAUTIONARY STATEMENTS

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

Response : Keep container tightly closed. If exposed or concerned: Get medical attention advice. Wear eye/face protection. If eye irritation persists, get medical advice/attention. 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. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. In case of fire, use foam for extinction. Immediately call a POISON CENTER or doctor/physician. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

| | |
|-----------|----------|
| IMDG Code | : 6.1/II |
| UN No. | : 1708 |
| IATA | : 6.1 |

Disposal: Dissolve the chemical in dilute acid and neutralize the excess acid with sodium carbonate and run to the normal waste with large amounts of water. Any sand used to cover spillage should be thoroughly washed with water before disposal as normal waste. Alternatively the neutralized solution can be put in a container and disposed off.

Hazard Pictogram(s) :-



GHS06



GHS08



GHS09

Replace Date 26.09.2022