Material Safety Data Sheet
M-TOLUIC ACID, 99%

Section 1 - Chemical Product and Company Identification

MSDS Name: M-TOLUIC ACID, 99%
Catalog Numbers: 13905-0000, 13905-0010, 13905-0050, 13905-1000, 13905-5000
Synonyms: 3-Methylbenzoic acid

Company Identification: Acros Organics BVBA
Janssen Pharmaceuticaan 3a
2440 Geel, Belgium

Company Identification: (USA)
Acros Organics
One Reagent Lane
Fair Lawn, NJ 07410

For information in the US, call: 800-ACROS-01
For information in Europe, call: +32 14 57 52 11
Emergency Number, Europe: +32 14 57 52 99
Emergency Number US: 201-796-7100
CHEMTREC Phone Number, US: 800-424-9300
CHEMTREC Phone Number, Europe: 703-527-3887

Section 2 - Composition, Information on Ingredients

CAS# Chemical Name: % EINECS#
99-04-7 M-TOLUIC ACID, 99% 99 202-723-9

Hazard Symbols: XN

Risk Phrases: 22

Section 3 - Hazards Identification

EMERGENCY OVERVIEW
Harmful if swallowed.

Potential Health Effects
The toxicological properties of this substance have not been fully investigated.

Section 4 - First Aid Measures
Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.

Skin: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion: Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

Inhalation: Remove from exposure and move to fresh air immediately.

Notes to Physician:

Section 5 - Fire Fighting Measures
General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.
Extinguishing Media: In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam.

Section 6 - Accidental Release Measures
General Information: Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up, then place into a suitable container for disposal.

Section 7 - Handling and Storage
Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.
Storage: Store in a cool, dry place. Keep container closed when not in use.

Section 8 - Exposure Controls, Personal Protection
Engineering Controls:
Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.

Exposure Limits
CAS# 99-04-7:
Personal Protective Equipment

**Eyes:** Wear safety glasses and chemical goggles if splashing is possible.

**Skin:** Wear appropriate protective gloves and clothing to prevent skin exposure.

**Clothing:** Wear appropriate protective clothing to minimize contact with skin.

**Respirators:** Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions.

Section 9 - Physical and Chemical Properties

- **Physical State:** Solid
- **Color:** light yellow - beige - yellow
- **Odor:** Not available
- **pH:** Not available
- **Vapor Pressure:** Not available
- **Viscosity:** Not available
- **Boiling Point:** 263 deg C @ 760.00mm Hg (505.40°F)
- **Freezing/Melting Point:** 108.00 - 112.00 deg C
- **Autoignition Temperature:** 500 deg C (932.00 deg F)
- **Flash Point:** 150 deg C (302.00 deg F)
- **Explosion Limits:** Lower: Not available
- **Explosion Limits:** Upper: Not available
- **Decomposition Temperature:** Not available
- **Solubility in water:** 1 g/l (20 c)
- **Specific Gravity/Density:** 1.0540g/cm3
- **Molecular Formula:** C8H8O2
- **Molecular Weight:** 136.15

Section 10 - Stability and Reactivity

**Chemical Stability:** Stable under normal temperatures and pressures.

**Conditions to Avoid:** Incompatible materials.

**Incompatibilities with Other Materials:** Strong oxidizing agents, strong bases.

**Hazardous Decomposition Products:** Carbon monoxide, irritating and toxic fumes and gases, carbon dioxide.

**Hazardous Polymerization:** Has not been reported.
Section 11 - Toxicological Information

RTECS#: CAS# 99-04-7: XU1200000

LD50/LC50: 

M-TOLUIIC ACID, 99% - Not listed as a carcinogen by ACGIH, IARC, Carcinogenicity: NTP, or CA Prop 65.

Other: See actual entry in RTECS for complete information.

Section 12 - Ecological Information

Not available

Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 - Transport Information

IATA IMO RID/ADR
Shipping Name: Not available Not available Not available
Hazard Class: 
UN Number: 
Packing Group: 

Section 15 - Regulatory Information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: XN
Risk Phrases: 
R 22 Harmful if swallowed.

Safety Phrases: 
S 22 Do not breathe dust.

WGK (Water Danger/Protection)

CAS# 99-04-7: Not available

Canada

CAS# 99-04-7 is listed on Canada's DSL List

US Federal

TSCA
CAS# 99-04-7 is listed on the TSCA Inventory.

Section 16 - Other Information
MSDS Creation Date: 7/16/1996
Revision #0 Date Original.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantibility or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.

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