



DR. J. PHARMACHEM (INDIA)

MATERIAL SAFETY DATA SHEET	
1	IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING
1.1	Product identifiers
	<i>Product Name</i> m-Tolyl acetate
	<i>CAS NO.</i> 122-46-3
1.2	Relevant identified uses of the substance or mixture and uses advised against
	<i>Identified uses</i> No data available
1.3	Details of the supplier of the safety data sheet
	<i>COMPANY</i> DR J PHARMACHEM (INDIA)
	722/AB/15 'NIRMAL' ,LAXMI PARK COLONY,
	NAVI PETH , PUNE- 411 030.INDIA
	<i>Telephone</i> : 020-24530071
	<i>Fax</i> :020-24530110
2	HAZARDS IDENTIFICATION
2.1	Classification of the substance or mixture
	Not a dangerous substance according to GHS. This substance is not classified as dangerous according to Directive 67/548/EEC
2.2	Label elements
	This substance is not classified as dangerous according to Directive 67/548/EEC.
2.3	Other hazards none
3	COMPOSITION/INFORMATION ON INGREDIENTS
3.1	Substances
	<i>Synonyms</i> 3-Methylphenylacetate Acetic acid m-tolyl ester m-Cresyl acetate
	<i>Formula</i> C9H10O2
	<i>Molecular Weight</i> 150,17 g/mol
	Component Concentration
	m-Tolyl acetate Min 98%
	Other unknown impurities Up to 2%
4	FIRST AID MEASURES
4.1	Description of first aid measures
	If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration.
	In case of skin contact Wash off with soap and plenty of water.
	In case of eye contact Flush eyes with water as a precaution



DR. J. PHARMACHEM (INDIA)

	If swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water.
5	FIREFIGHTING MEASURES	
5.1	Extinguishing media	
	Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
5.2	Special protective equipment for fire-fighters	Wear self contained breathing apparatus for fire fighting if necessary.
5.3	Further information	No data available
6	ACCIDENTAL RELEASE MEASURES	
6.1	Personal precautions, protective equipment and emergency procedures	
		Avoid breathing vapors, mist or gas.
6.2	Environmental precautions	
		Do not let product enter drains
6.3	Methods and materials for containment and cleaning up	
		Keep in suitable, closed containers for disposal.
6.4	Reference to other sections	
		For disposal see section 13.
7	HANDLING AND STORAGE	
7.1	Precautions for safe handling	
		Normal measures for preventive fire protection.
7.2	Conditions for safe storage, including any incompatibilities	
		Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in cool place.
7.3	Specific end uses	
		no data available
8	EXPOSURE CONTROLS/PERSONAL PROTECTION	
8.1	Control parameters	
	Components with workplace control parameter	
8.2	Exposure control	
	Personal protective equipment	
	Eye/face protection	
		Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
	Skin and body protection	
		Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
	Hand Protection	
		Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.
	Respiratory protection	
		Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK



DR. J. PHARMACHEM (INDIA)

	(EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or GEN (EU).	
	Hygiene measures	
	General industrial hygiene practice.	
9	PHYSICAL AND CHEMICAL PROPERTIES	
9.1	Information on basic physical and chemical properties	
a)	Appearance	Form : liquid Colour : colourless
b)	Odour	no data available
c)	pH	no data available
d)	Melting range/freezing range	no data available
e)	Initial boiling point and boiling range	210 - 213 °C
f)	Flash point	95 °C - closed cup
g)	Evaporation rate	no data available
h)	Flammability (solid, gas)	no data available
i)	Upper/lower flammability or explosive limits	no data available
j)	Vapour pressure	0.183 mmHg at 25 °C
k)	Vapour density	no data available
l)	Density	1,04 g/cm ³ at 25 °C
m)	Water solubility	Insoluble
n)	Partition coefficient: octanol/water	no data available
o)	Autoignition temperature	no data available
p)	Decomposition temperature	no data available
q)	Viscosity	no data available
r)	Molar Volume	143.3 cm ³
s)	Oxidizing properties	no data available
9.2	Other safety information	
	IUPAC Name	Acetic acid,3-methylphenyl ester
	Molecular Formula	C ₉ H ₁₀ O ₂
	Molecular Weight	150.17
	SMILES	O=C(C)Oc1cc(C)ccc1
	InChI	InChI=1/C9H10O2/c1-7-4-3-5-9(6-7)11-8(2)10/h3-6H,1-2H3
	EINECS	204-546-2
10	STABILITY AND REACTIVITY	
10.1	Reactivity	no data available
10.2	Chemical stability	Stable under recommended storage conditions.
10.3	Possibility of hazardous reactions	no data available
10.4	Conditions to avoid	no data available
10.5	Materials to avoid	Strong oxidizing agents
10.6	Hazardous decomposition products	Hazardous decomposition products formed under fire conditions. - Carbon oxides
11	TOXICOLOGICAL INFORMATION	
11.1	Information on toxicological effects	
	Acute toxicity	no data available
	Skin corrosion/irritation	no data available



DR. J. PHARMACHEM (INDIA)

	Serious eye damage/eye irritation	no data available	
	Respiratory or skin sensitization	no data available	
	Germ cell mutagenicity	no data available	
	Carcinogenicity	no data available	
	IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.	
	Reproductive toxicity	no data available	
	Specific target organ toxicity - single exposure	no data available	
	Specific target organ toxicity - repeated exposure	no data available	
	Aspiration hazard	no data available	
	Potential health effects		
	Inhalation	May be harmful if inhaled. May cause respiratory tract irritation.	
	Ingestion	May be harmful if swallowed.	
	Skin	May be harmful if absorbed through skin. May cause skin irritation.	
	Eyes	May cause eye irritation.	
	Signs and Symptoms of Exposure		
	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.		
	Additional Information		
	RTECS	no data available	
12	ECOLOGICAL INFORMATION		
12.1	Toxicity	no data available	
12.2	Persistence and degradability	no data available	
12.3	Bioaccumulative potential	no data available	
12.4	Mobility in soil	no data available	
12.5	Results of PBT and vPvB assessment	no data available	
12.6	Other adverse effects	no data available	
13	DISPOSAL CONSIDERATIONS		
13.1	Waste treatment methods		
	Product		
	Offer surplus and non-recyclable solutions to a licensed disposal company.		
	Contaminated packaging		
	Dispose of as unused product.		
14	TRANSPORT INFORMATION		
14.1	UN number		
	ADR/RID	IMDG	IATA
	-	-	-
14.2	UN proper shipping name		
	ADR/RID	IMDG	IATA
	Not dangerous goods	Not dangerous goods	Not dangerous goods
14.3	Transport hazard class(es)		
	ADR/RID	IMDG	IATA



DR. J. PHARMACHEM (INDIA)

	-	-	-
14.4	Packaging group		
	ADR/RID	IMDG	IATA
	-	-	-
14.5	Environmental hazards		
	ADR/RID	IMDG Marine pollutant	IATA
	-	-	-
14.6	Special precautions for user		
	no data available		
15	REGULATORY INFORMATION		
	This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.		
15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture		
	no data available		
15.2	Chemical Safety Assessment		
	no data available		
16	OTHER INFORMATION		
	Further information		
	<p>The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Dr J Pharmachem (India) and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.jpharmachem.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.</p> <p>Month of Creation : November 2013 Month of Revision : November 2016</p>		