	ANSHUL SPECIALTY MOLECULES PVT LTD.				
	TITLE : SDS OF DIMETHYL ANTHRANILATE (COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No1907/2006)				
	ISSUE NO	02		DEPT	EHS
	DOCUMENT NO.	QD/EHS/16/DMA		PAGE NO.	1 of 11
	REVISION NO.	03		EFFECT.DATE	31.10.2023
	SUPERSEDES	02		REVIEW DATE	30.09.2026

SECTION 01 : IDENTIFICATION OF SUBSTANCE AND OF THE COMPANY /UNDERTAKING

1.1 Product identifiers

Product name : **DIMETHYL ANTHRANILATE**
 Product Number : --
 Company / Brand : Anshul
 REACH No : 01-2120736989-31-0003
 CAS-No. : 85-91-6

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Manufacture of substances

1.3 Details of the supplier of the safety data sheet

Company : Anshul Specialty Molecules Pvt.Ltd.
 Flexcel Park ,C-wing ,2nd Floor, ,S.V.Road,
 Near 24 Karat Multiplex, Jogeshwari (West)
 Mumbai-400 102 ,INDIA

1.4 Emergency telephone number

Emergency Phone # : +91 98194 90645
 +91 88797 10202

SECTION 02 : HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture : Skin irritation (Category 2), H315
 Eye irritation (Category 2), H319

Label elements

Labelling according Regulation (EC) No 1272/2008

The substance is classified and labelled according to the CLP regulation

Pictogram




GHS07

Signal word : Warning

Hazard statements

H315 : Causes skin irritation.
H319 : Causes serious eye irritation.
H412 : Harmful to aquatic life with long lasting effects

	ANSHUL SPECIALTY MOLECULES PVT LTD.				
	TITLE : SDS OF DIMETHYL ANTHRANILATE (COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No1907/2006)				
	ISSUE NO	02		DEPT	EHS
	DOCUMENT NO.	QD/EHS/16/DMA		PAGE NO.	2 of 11
	REVISION NO.	03		EFFECT.DATE	31.10.2023
	SUPERSEDES	02		REVIEW DATE	30.09.2026

Precautionary statements

- P 264** : Wash skin thoroughly after handling.
P 280 : Wear protective gloves /protective clothing /eye protection /face protection.

P305 + P351 + P338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P 362 : Take off contaminated clothing and wash before reuse.
P332 + P 313 : If skin irritation occurs: Get medical attention
P 337 + P 313 : If eye irritation persists : Get medical attention
Supplemental Hazard Statements : None

- 2.3 Other hazards** : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 03 : COMPOSITION/INFORMATION ON INGREDIENTS


- 3.1 Substance**
Synonyms : : Methyl N-methylantranilate

Formula : : C₉H₁₁NO₂
Molecular weight : : 165.19 g/mol
CAS-No. : 85-91-6
EC-No. : 201-642-6

Component	Classification	Concentration
Methyl N-methylantranilate		
CAS-No. : 85-91-6	Skin Irrit. 2; Eye Irrit. 2; H315, H319	<= 100 %
EC-No. : 201-642-6		

SECTION 04 : FIRST AID MEASURES

- General advice** : Consult a physician. Show this safety data sheet to the doctor in attendance.

	ANSHUL SPECIALTY MOLECULES PVT LTD.				
	TITLE : SDS OF DIMETHYL ANTHRANILATE (COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No1907/2006)				
	ISSUE NO	02		DEPT	EHS
	DOCUMENT NO.	QD/EHS/16/DMA		PAGE NO.	3 of 11
	REVISION NO.	03		EFFECT.DATE	31.10.2023
	SUPERSEDES	02		REVIEW DATE	30.09.2026

If inhaled : If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact : Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

In case of eye contact : Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed : Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed : The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed : No data available

SECTION 05: FIREFIGHTING MEASURES

5.1 Extinguishing Media
Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry powder or carbon dioxide.


5.2 Flash Point : 102.6°C (CC)

5.3 Auto ignition temp : No data available

5.4 Explosive Limit : No data available

5.5 General Information : : As in any fire , wear a self - contained breathing apparatus with full face piece operated in a positive pressure mode. NIOSH (approved or equivalent

5.6 Precautions for firefighters : Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Keep containers cool by spraying with water. Eliminate all ignition sources if safe to do so.

	ANSHUL SPECIALTY MOLECULES PVT LTD.				
	TITLE : SDS OF DIMETHYL ANTHRANILATE (COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No1907/2006)				
	ISSUE NO	02		DEPT	EHS
	DOCUMENT NO.	QD/EHS/16/DMA		PAGE NO.	4 of 11
	REVISION NO.	03		EFFECT.DATE	31.10.2023
	SUPERSEDES	02		REVIEW DATE	30.09.2026

- 5.7 Special hazards arising from the substance or mixture :**
- Carbon oxides
 - Nitrogen oxides (NO_x)
 - Combustible.
 - Vapors are heavier than air and may spread along floors.
 - Risk of dust explosion.
 - Forms explosive mixtures with air on intense heating.
 - Development of hazardous combustion gases or vapours possible in the event of fire.

SECTION 06: ACCIDENTAL RELEASE MEASURES


- 6.1 Personal precautions :** Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. For personal protection see section 8.
- 6.2 Environmental precautions :** Do not let product enter drains.
- 6.3 Methods and materials for containment and cleaning up :** Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal
- 6.4 Reference to other sections :** For disposal see section 13.

SECTION 07: HANDLING AND STORAGE

- 7.1 Precautions for safe handling :** Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. For precautions see section 2.2.
- 7.2 Conditions for safe storage, including any incompatibilities :** Store in tightly sealed container with minimum head space. Avoid prolonged exposure to light, heat, cold & air.
- 7.3 Specific end use(s) :** Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters :** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep air borne concentrations low



ANSHUL SPECIALTY MOLECULES PVT LTD.				
TITLE : SDS OF DIMETHYL ANTHRANILATE (COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No1907/2006)				
ISSUE NO	02		DEPT	EHS
DOCUMENT NO.	QD/EHS/16/DMA		PAGE NO.	5 of 11
REVISION NO.	03		EFFECT.DATE	31.10.2023
SUPERSEDES	02		REVIEW DATE	30.09.2026

- 8.2 Exposure controls** : **Appropriate engineering controls**
 Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product

Personal Protective Equipment

Eyes /Face : Wear Chemical Safety Goggles.

Protection : Tightly fitting safety goggles. Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).



Hand protection : Wear appropriate protective gloves to prevent skin expose.



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 Regulation (EU) 2016/425 and the standard EN 374 derived from it.

Body Protection : Wear a chemical apron.
 Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace


Respiratory protection : Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure : Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

- 8.1 Engineering Controls** : Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep air borne concentrations low

8.2 Personal Protective Equipment

Eyes : Wear Chemical Safety Goggles.

	ANSHUL SPECIALTY MOLECULES PVT LTD.				
	TITLE : SDS OF DIMETHYL ANTHRANILATE (COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No1907/2006)				
	ISSUE NO	02		DEPT	EHS
	DOCUMENT NO.	QD/EHS/16/DMA		PAGE NO.	6 of 11
	REVISION NO.	03		EFFECT.DATE	31.10.2023
	SUPERSEDES	02		REVIEW DATE	30.09.2026

Skin : Wear appropriate protective gloves to prevent skin expose.


Clothing : Wear a chemical apron.

Respirators : Wear a NIOSH approved full face piece airline respirator in the positive pressure mode with emergency escape provisions

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- a) Appearance : Form: clear, liquid
- b) Odour : No data available
- c) Odour Threshold : No data available
- d) pH : 4,83 at 29 °C
- e) Melting point/ freezing point : 17 - 19 °C
- f) Boiling point : 256 °C
- g) Flash Point : 102.6°C (CC)
- h) Evaporation rate : No data available
- i) Vapour pressure : 2,74 hPa at 25 °C
- j) Vapour density : No data available
- k) Density : 1.126 g/cm³ at 25 °C
- Relative density : No data available
- l) Water solubility : No data available
- m) Partition coefficient: n-octanol /water : No data available
- n) Decomposition temperature : No data available

	ANSHUL SPECIALTY MOLECULES PVT LTD.				
	TITLE : SDS OF DIMETHYL ANTHRANILATE (COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No1907/2006)				
	ISSUE NO	02		DEPT	EHS
	DOCUMENT NO.	QD/EHS/16/DMA		PAGE NO.	7 of 11
	REVISION NO.	03		EFFECT.DATE	31.10.2023
	SUPERSEDES	02		REVIEW DATE	30.09.2026

o) Viscosity : Viscosity, kinematic: 31,86 mm²/s at 20 °C - OECD Test Guideline 114
 Viscosity, dynamic: 35,78 mPa.s at 20 °C - OECD Test Guideline 114

p) Explosive properties : No data available

q) Oxidizing properties : No data available

9.2 Other safety information

Relative vapour density : (Air = 1.0)

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity : Forms explosive mixtures with air on intense heating. A range from approx. 15 Kelvin below the flash point is to be rated as critical.

10.2 Chemical stability : Stable under recommended storage conditions.

10.3 Possibility of hazardous reaction : Violent reactions possible with:
Oxidizing agents.


10.4 Conditions to avoid : Spark, Open flame, Static discharge

10.5 Incompatible materials : Oxidizing agents

10.6 Hazardous decomposition products : Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides (NO_x)
Other decomposition products - No data available


SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Acute Toxicity : LD50 Oral - Rat - female - > 2.000 mg/kg (OECD Test Guideline 423)
 LC50 Inhalation : 115.1mg/l (Tribolium destructor larvae) (Acute Toxicity: inhalation)
 LD50 Dermal - Rat - male and female - > 2.000 mg/kg (OECD Test Guideline 402)
 No data available

	ANSHUL SPECIALTY MOLECULES PVT LTD.				
	TITLE : SDS OF DIMETHYL ANTHRANILATE (COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No1907/2006)				
	ISSUE NO	02		DEPT	EHS
	DOCUMENT NO.	QD/EHS/16/DMA		PAGE NO.	8 of 11
	REVISION NO.	03		EFFECT.DATE	31.10.2023
	SUPERSEDES	02		REVIEW DATE	30.09.2026

Skin corrosion/irritation	:	Skin - Rat Result: No skin irritation - 24 h (OECD Test Guideline 402)
Serious eye damage/irritation	:	Eyes - In vitro study Result: irritating (OECD Test Guideline 492)
Germ cell mutagenicity	:	No data available
Carcinogenicity IARC NTP	:	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
TLV	:	No data available
STEL	:	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
Endocrine disrupting properties Product: Assessment	:	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. Repeated dose toxicity - Rat - male - Oral - 90 d Remarks: (ECHA) RTECS: CB3500000 To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated


SECTION 12: ECOLOGICAL INFORMATION

	ANSHUL SPECIALTY MOLECULES PVT LTD.				
	TITLE : SDS OF DIMETHYL ANTHRANILATE (COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No1907/2006)				
	ISSUE NO	02		DEPT	EHS
	DOCUMENT NO.	QD/EHS/16/DMA		PAGE NO.	9 of 11
	REVISION NO.	03		EFFECT.DATE	31.10.2023
	SUPERSEDES	02		REVIEW DATE	30.09.2026

- 12.1 Toxicity**
- Fish:** : Static test LC50 - Danio rerio (zebra fish) - > 12,5 mg/l - 96 h (OECD Test Guideline 203)
- Toxicity to daphnia and other aquatic invertebrates** : Remarks: No data available (methyl N-methylantranilate)
- Algae:** : Static test ErC50 - Desmodesmus subspicatus (green algae) - 111,7 mg/l - 72 h (OECD Test Guideline 201)
- 12.2 Persistence / degradability** : Result: 52,84 % - Inherently biodegradable. (OECD Test Guideline 301D)
- 12.3 Bioaccumulative potential(BCF)** : Fish(methyl N-methylantranilate) Bioconcentration factor (BCF): 33,3
- 12.4 Mobility in soil** : No data available
- 12.5 Log Pow:** : No data available
- Soil adsorption (Koc)**
- 12.6 Spill forbidden** : No data available
- 12.7 Biodegradability** : No data available
- 12.8 Results of PBT and vPvB assessment** : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
- 12.9 Endocrine disrupting properties**
- Product :** : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
- Assessment**

SECTION 13: DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods** : **Product**

	ANSHUL SPECIALTY MOLECULES PVT LTD.				
	TITLE : SDS OF DIMETHYL ANTHRANILATE (COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No1907/2006)				
	ISSUE NO	02		DEPT	EHS
	DOCUMENT NO.	QD/EHS/16/DMA		PAGE NO.	10 of 11
	REVISION NO.	03		EFFECT.DATE	31.10.2023
	SUPERSEDES	02		REVIEW DATE	30.09.2026

Dispose off in a manner consistent with Federal, State and Local Regulations Offer surplus and non-recyclable solutions to a licensed disposal company. Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

13.2 **Contaminated packaging** : Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION

14.1 **UN number**

ADR/RID: -

IMDG: -

IATA : --

14.2 **UN proper shipping name**

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

14.3 **Transport hazard class(es)**

ADR/RID: -

IMDG: -

IATA : --

14.4 **Packaging group**

ADR/RID: -

IMDG: -

IATA : --

14.5 **Environmental hazards**

ADR/RID: no

IMDG -Marine pollutant : no

IATA :--

14.6 **Special precautions for user**

No data available


SECTION 15 : REGULATORY INFORMATION

15.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture**

: This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2 **Chemical safety assessment**

: For this product a chemical safety assessment was not carried out

	ANSHUL SPECIALTY MOLECULES PVT LTD.				
	TITLE : SDS OF DIMETHYL ANTHRANILATE (COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No1907/2006)				
	ISSUE NO	02		DEPT	EHS
	DOCUMENT NO.	QD/EHS/16/DMA		PAGE NO.	11 of 11
	REVISION NO.	03		EFFECT.DATE	31.10.2023
	SUPERSEDES	02		REVIEW DATE	30.09.2026

SECTION 16: OTHER INFORMATION

- 16.1 The above information is believed to be accurate and represents the best information currently available to us. However we make no warranty of merchantability or any other warranty, express or implied, with respect to such information and we assume no liability resulting from it's use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall ANSHUL SPECIALTY MOLECULES PVT. LTD. 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 from use or reliance upon this information.
