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	<b>TITLE : SDS OF METHYL ANTHRANILATE</b>			
	<i>(COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No1907/2006)</i>			
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## SECTION 01 : IDENTIFICATION OF SUBSTANCE AND OF THE COMPANY /UNDERTAKING

### 1.1 Product identifiers

Product name : Methyl Anthranilate  
Product Number : --  
Company / Brand : Anshul  
REACH No : 01-2120478941-44-0002  
CAS-No. : 134-20-3

### 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 ,2<sup>nd</sup> 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

**Classification according to Regulation (EC) No 1272/2008**

Eye Irrit. 2 H319 Causes serious eye irritation.

### 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008**

The substance is classified and labelled according to the CLP regulation

**Hazard pictogram**

:



GHS07

Warning

Signal Word


**Hazard statements**

H315 : Causes skin irritation.

H319 : Causes serious eye irritation.

**Precautionary statements**

P264 : Wash thoroughly after handling

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- P280 : Wear 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
- P 332+P 313 : If skin irritation persists : Get medical advice / attention.
- P337+P313 : If eye irritation persists: Get medical advice/attention
- 2.3 **Other hazards** : The substance has no endocrine -disrupting properties according to Regulation (EU) 2017/2100


### SECTION 03 : COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 Substance
- Synonyms : : Methyl 2-aminobenzoate  
Methyl anthranilate
- Formula : :  $C_8H_9NO_2$
- Molecular weight : : 151.16 g/mol
- CAS-No. : : 134-20-3
- EC-No. : : 205-132-4

<b>Component</b>	<b>Classification</b>	<b>Concentration</b>
<b>Methyl anthranilate</b>	Eye Irrit. 2; H 315, H319	<= 100 %

### SECTION 04: FIRST AID MEASURES

- 4.1 **Description of first aid measures**
- General advice** : Consult a physician. Show this safety data sheet to the doctor in attendance
- If inhaled** : If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
- In case of skin contact** : 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

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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 chemical or carbon dioxide.
- 5.2 **Special hazards arising from the substance or mixture** : Carbon oxides, Nitrogen oxides (NOx)
- 5.3 **Advice for firefighters** : Wear self-contained breathing apparatus for firefighting if necessary.
- 5.4 **Further information** : No data available.

#### SECTION 06: ACCIDENTAL RELEASE MEASURES


- 6.1 **Personal precautions, protective equipment and emergency procedures** : 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

#### SECTION 07: HANDLING AND STORAGE

- 7.1 **Precautions for safe handling** : Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
- 7.2 **Conditions for safe storage, including any incompatibilities** : Store in tightly closed container with minimum head space , Avoid prolonged exposure to light, heat, Cold and Air.
- Light sensitive. : Storage class (TRGS 510): Combustible liquids
- 7.3 **Specific end use(s)** : Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 **Control parameters** : Facilities storing or utilizing this material should be equipped with an

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eyewash facility and a safety shower. Use adequate ventilation to keep air borne concentrations low

## 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 Protection**



: Wear Chemical Safety Goggles.  
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).

#### **Skin 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.

## **SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

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### 9.1 Information on basic physical and chemical properties


- a) Appearance : Colourless to pale yellow liquid
- b) Odour : No data available
- c) Odour Threshold : No data available
- d) pH : No data available
- e) Melting point/freezing point : 24°C
- f) Boiling point : 134 to 136 °C at 15 mm Hg
- g) Evaporation rate : No data available
- h) Vapour pressure : 1 mm at 20°C
- i) Vapour density : No data available
- j) Relative density : 1.168 g/cm<sup>3</sup> at 25 °C
- k) Water solubility : No data available
- l) Partition coefficient: n-octanol /water : No data available
- m) Decomposition temperature : No data available
- n) Viscosity : No data available
- o) Explosive properties : No data available
- p) Oxidizing properties : No data available
- q) Flashpoint : 123°C (CC)
- r) Auto ignition Temp. : 529 °C
- s) Lower explosion limit : No data available
- t) Upper explosion limit : No data available
- u) Acid Value : 1 Max (mg KOH/gm)

### 9.2 Other safety information

- Relative vapour density : No data available (Air = 1.0)

## SECTION 10: STABILITY AND REACTIVITY

- 10.1 Reactivity** : Stable at ambient temperature and under normal conditions of use.
- 10.2 Chemical stability** : Stable under recommended storage conditions.
- 10.3 Possibility of hazardous reaction** : No special reactivity has been reported.
- 10.4 Conditions to avoid** : Spark, Open flame, Static discharge
- 10.5 Incompatible materials** : Acids, Acid chlorides, Acid anhydrides, Chloroformates, Strong oxidizing agents, Strong bases
- 10.6 Hazardous decomposition products** : Carbon monoxide, Carbon dioxide, Hydrogen chloride

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## SECTION 11: TOXICOLOGICAL INFORMATION


### 11.1 Information on toxicological effects

Acute Toxicity	:	LD50 Oral 2 800 mg/kg bw (rat(Sprague-Dawley)male/female) (Acute Toxicity: oral) Dermal LD50>5000 mg/kg (rabbit) (Acute Toxicity: dermal)
Skin corrosion / irritation	:	No data available
Serious Eye damage / Eye irritation	:	No data available
Germ cell mutagenicity	:	No data available
Carcinogenicity IARC, OSHA, ACGIH,NTP EPA classification.	:	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
Additional Information	:	RTECS CB3325000

**Endocrine -disrupting properties:** The substance has no endocrine-disrupting properties according to Regulation (EU) 2017/2100.

## SECTION 12: ECOLOGICAL INFORMATION

12.1	<b>Toxicity</b>	
	<b>Aquatic toxicity:</b>	: LC50 (28d) 7.22 mg/L (Fish) (Long-term

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toxicity to fish)


EC50(48h) : 18.2 mg/L (Daphnia magna)  
(Short-term toxicity to aquatic invertebrates)

LC50 (96 hr)32.35 mg/L (Fish) (Short-term  
toxicity to fish)

<b>Persistence and degradability</b>	:	<i>Methyl anthranilate was predicted as ready biodegradable</i>
<b>Bioaccumulative potential</b>	:	No data available
<b>Mobility in soil</b>	:	No data available
<b>Results of PBT and vPvB assessment</b>	:	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.
<b>Other adverse effects</b>	:	No data available
<b>Endocrine-disrupting properties</b>	:	The substance has no endocrine-disrupting properties according to Regulation (EU) 2017/2100

### SECTION 13: DISPOSAL CONSIDERATIONS

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

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#### 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

#### SECTION 16: OTHER INFORMATION

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.

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