

	ANSHUL SPECIALTY MOLECULES PVT LTD.			
	TITLE : SDS OF METHYL ANTHRANILATE			
	(COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No1907/2006)			
	ISSUE NO	02	DEPT	EHS
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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 : Application in flavour & Fragrances Bird repellent and
 Manufacture of other 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** : **Classification according to Regulation (EC) No 1272/2008**
 Eye irritation (Category 2), H319

2.2 **Label elements** : Labelling according Regulation (EC) No 1272/2008

Pictogram



GHS07

Signal Word

: Warning

Hazard statement(s)

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H 319

: Causes serious eye irritation.

Precautionary statement(s)

P 264

: Wash skin thoroughly after handling

P 280

: Wear eye protection/ face protection.

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P305 +P351 +P338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 : If eye irritation persists: Get medical advice/ attention.
P 501 : Dispose of contents/ container in accordance with local /regional/ national/ international regulations.

Classification system :
NFPA ratings (scale 0-4) :



Health =2
Fire - 1
Reactivity - 0

HMIS Ratings (Scale 0-4) :

HEALTH	2
FIRE	1
REACTIVITY	0

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 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

Component
methyl 2-aminobenzoate

Classification
Eye Irrit. 2; H319

Concentration
<= 100 %

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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

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 : Water Foam Carbon dioxide (CO2) Dry powder

5.2 Special hazards arising from the substance or mixture

: Carbon oxides , Nitrogen oxides (NOx) ,Combustible. Vapors are heavier than air and may spread along floors. Forms explosive mixtures with air on intense heating. Development of hazardous combustion gases or vapours possible in the event of fire)

5.3 Advice for firefighters

: Wear self-contained breathing apparatus for firefighting if necessary.

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- 5.4 **Further information** : Suppress (knock down) gases/vapors/mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the ground water system

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** : **STORAGE CONDITION** : Keep containers tightly closed. Store the material at Ambient Temperature.
PRECAUTIONARY MEASURES: Containers which are opened shall be kept upright to prevent leakage. Handle and store under inert gas and Keep container tightly closed when not in use. **Avoid prolonged exposure to heat & light.**
- 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 eyewash facility and a safety shower. Use adequate ventilation to keep air borne concentrations low

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- 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

9.1 Information on basic physical and chemical properties

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- | | | | |
|----|---|---|---|
| a) | Appearance | : | Colourless to pale yellow liquid |
| b) | Odour | : | sweet |
| 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 ³ at 25 °C |
| k) | Water solubility | : | ca.2,79 g/l at 23 °C - OECD Test Guideline 105 |
| l) | Partition coefficient: n-octanol /water | : | log Pow: ca.2,17 at 22 °C - Bioaccumulation is not expected |
| 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 | : | 128°C (CC) |
| r) | Auto ignition Temp. | : | ca.510,6 °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) |
| Surface tension | : | ca.71,56 mN/m at 19,8 °C
- OECD Test Guideline 115 |

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 | : | Caution! In contact with nitrites, nitrates, nitrous acid
possible liberation of nitrosamines!
Violent reactions possible with:
acid halides
Acid anhydrides |

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Strong oxidizing agents
Bases
strong reducing agents
acids

- 10.4 Conditions to avoid** : Spark, Open flame, Static discharge . Strong heating.
- 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

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

- Acute Toxicity : LD50 Oral – Rat 2,910 mg/kg(Methyl anthranilate
Remarks: Behavioral: Somnolence (general depressed activity). Behavioral: Coma.
- 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

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Specific target organ toxicity - repeated exposure : No data available

Aspiration hazard : No data available

Additional Information : RTECS CB3325000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	Toxicity to fish static test LC50 - Salmo salar (Atlantic salmon) - 9,12 mg/l - 96 h Remarks: (ECHA)
	Persistence and degradability	: No data available
	Bioaccumulative potential	: Biodegradability Result: > 70 % - Biodegradable
	Mobility in soil	: No data available
	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.
	Other adverse effects	: No data available

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
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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

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International Inventories

Europe (EINECS/ELINCS/NLP), China (IECSC), Taiwan (TCSI), Korea (KECL), Japan (ENCS), Japan (ISHL), Canada (DSL/NDSL), Australia (AICS), New Zealand (NZIoC), Philippines (PICCS). US EPA (TSCA) - Toxic Substances Control Act, (40 CFR Part 710)

Component	CAS No	EINECS	ELINCS	NLP	IECSC	TCSI	KECL	ENCS	ISHL
Methyl anthranilate	134-20-3	205-132-4	--	--	X	X	KE-01204	X	X
Component	CAS No	TSCA	TSCA Inventory notification Active-Inactive	DSL	NDSL	AICS	NZIoC	PICCS	
Methyl anthranilate	134-20-3	X	ACTIVE	X	--	X	X	X	

Legend: X - Listed '-' - Not Listed 134-20-3 X ACTIVE XKECL - NIER number or KE number (<http://ncis.nier.go.kr/en/main.do>)

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 its 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.