

# ETHYL ACETATE

## Safety Data Sheet

Supersedes: 08/10/2024

Revision: 1.5

Revision date: 01/10/2026

### SECTION 1: Identification

#### 1.1 Identification

|                  |                                                    |
|------------------|----------------------------------------------------|
| Product form     | : Substance                                        |
| Substance name   | : Ethyl Acetate                                    |
| CAS No           | : 141-78-6                                         |
| EC/ List No      | : 205-500-4                                        |
| Formula          | : C <sub>4</sub> H <sub>8</sub> O <sub>2</sub>     |
| Molecular weight | : 88.11 g/mol                                      |
| Synonyms         | : Ethyl acetic ester, Ethyl ester, Ethyl ethanoate |

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

|                              |                                     |
|------------------------------|-------------------------------------|
| Use of the substance/mixture | : Industrial Solvent Pharmaceutical |
| Relevant identified uses     | : Agrochemical                      |
| Uses advised against:        | : Laboratory chemical               |

#### 1.3 Details of the supplier of the safety data sheet

Godavari Biorefineries Ltd.  
45/47, Somaia bhavan,  
Mahatma Gandhi Road,  
Fort, Mumbai -400001, INDIA.  
T 0091 22 22048272  
Email: [alka@somaia.com](mailto:alka@somaia.com)  
[www.somaia.com](http://www.somaia.com)

#### 1.4 Emergency telephone Number

|                  |                                                                                   |
|------------------|-----------------------------------------------------------------------------------|
| Emergency number | : 0091 2423 279308<br>0091 22 22048272 (Monday – Friday - 09.30 hrs to 18.00 hrs) |
|------------------|-----------------------------------------------------------------------------------|

### SECTION 2: Hazard(s) identification

#### GHS classification

##### 2.1 Classification of the substance or mixture

|                                                             |                                            |
|-------------------------------------------------------------|--------------------------------------------|
| Flammable liquids Category 2                                | : H225 Highly flammable liquid and vapour  |
| Eye irritation, Category 2                                  | : H319 Causes serious eye irritation       |
| Specific target organ toxicity - single exposure Category 3 | : H336 May cause drowsiness and dizziness. |

##### 2.2: GHS labeling

#### Hazard pictograms (GHS)



GHS02



GHS07

#### Signal word (GHS)

: Danger

#### Hazard statements (GHS)

: H225-Highly flammable liquid and vapour  
H319-Causes serious eye irritation.  
H336-May cause drowsiness and dizziness

#### Precautionary statements (GHS)

: P210 -Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 -Keep container tightly closed.  
P240 -Ground and bond container and receiving equipment  
P241 -Use explosion-proof equipment  
P242 -Use non-sparking tools.  
P243 -Take actions to prevent static discharges  
P280 -Wear protective gloves/protective clothing/eye protection/face protection.  
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

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Precautionary statements (GHS)

- : P370+P378 -In case of fire: Use water spray, foam, or carbon dioxide to extinguish.
- P403+P235 -Store in a well-ventilated place. Keep cool.
- P501- Dispose of contents/container to hazardous waste in accordance with local/regional/national/international regulations.
- P264 -Wash hands thoroughly after handling.
- P305+P351+P338 - IFIN 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.
- P261 -Avoid breathing fume/mist/vapours/spray.
- P271 -Use only outdoors or in a well-ventilated area
- P304+P340 -IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P312 - Call a POISON CENTER if you feel unwell.
- P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
- P405 - Store locked up

### 2.3 Other hazards

Other hazards not contributing to the classification : None.

### 2.4 Unknown acute toxicity (GHS US)

Not applicable.

## SECTION 3: Composition/Information on ingredients

### 3.1 Substance

| Substance type                      | Mono-constituent                                  |                 |                                                                     |
|-------------------------------------|---------------------------------------------------|-----------------|---------------------------------------------------------------------|
| Name                                | Product Identifier<br>CAS No<br>EC No<br>Index No | Concentration % | GHS Classification                                                  |
| Ethyl Acetate<br>(Main constituent) | 141-78-6<br>205-500-4<br>607-022-00-5             | ≥99.5           | Flam. Liq. 2, H225; Eye Irrit. 2, H319<br>STOT SE 3, H336<br>EUH066 |

Full text of hazard classes and H-statements: see section 16

### 3.2 Mixture

Not applicable.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- First-aid measures general** : Check the vital functions. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital.
- First-aid measures Inhalation** : Remove the victim into fresh air. Immediately consult a doctor/medical service.
- First-aid measures Skin contact** : Wash immediately with lots of water (15 minutes)/shower. Do not apply (chemical) neutralizing agents. Remove clothing while washing. Do not remove clothing if it sticks to the skin. Cover wounds with sterile bandage. Consult a doctor/medical service.
- First-aid measures Eye contact** : Rinse immediately with plenty of water for 15 minutes. Do not apply neutralizing agents. Take victim to an ophthalmologist.
- First-aid measures Ingestion** : Rinse mouth with water. Immediately after ingestion: give lots of water to drink. Do not induce vomiting. Do not give activated charcoal. Immediately consult a doctor/medical service. Ingestion of large quantities: immediately to hospital. Do not give chemical antidote. Doctor: gastric lavage is not recommended.

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### 4.2 Most important symptoms and effects, both acute and delayed

|                                      |   |                                                                                                                                                                        |
|--------------------------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Symptoms/injuries after inhalation   | : | Irritation of the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea. In higher concentrations, central nervous system depression and coma. |
| Symptoms/injuries after skin contact | : | Acute: May irritate the skin. Delayed: Skin dryness and dermatitis                                                                                                     |
| Symptoms/injuries after eye contact  | : | Acute: Irritating to eyes. Delayed: May cause damage to the eyes.                                                                                                      |
| Symptoms/injuries after ingestion    | : | Acute: Nausea, vomiting. Delayed: Similar effects as inhalation                                                                                                        |
| Chronic symptoms                     | : | On continuous / repeated exposure: Dermatitis, damage of the eye tissue. central nervous system depression and coma.                                                   |

### 4.3 Indication of any immediate medical attention and special treatment needed

Seek medical assistance.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

|                                |   |                                                                                  |
|--------------------------------|---|----------------------------------------------------------------------------------|
| Suitable extinguishing media   | : | Water spray. Polyvalent foam. Alcohol-resistant foam. BC powder. Carbon dioxide. |
| Unsuitable extinguishing media | : | No unsuitable extinguishing media known.                                         |

### 5.2 Special hazards arising from the substance or mixture

|                               |   |                                                                                                                                                                                       |
|-------------------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Flammable liquid and vapour   | : | DIRECT FIRE HAZARD. Flammable. Gas/vapor flammable with air within explosion limits. INDIRECT FIRE HAZARD. May be ignited by sparks                                                   |
| Explosion Hazard              | : | DIRECT EXPLOSION HAZARD. Gas/vapour explosive with air within explosion limits. INDIRECT EXPLOSION HAZARD. may be ignited by sparks                                                   |
| Hazardous combustion products | : | No data available                                                                                                                                                                     |
| Reactivity                    | : | On heating: release of corrosive/combustible gases/ vapours. Upon combustion: CO and CO2 are formed. Violent to explosive reaction with many compounds e.g.: with (strong) oxidizers: |

### 5.3 Advice for firefighters

|                                |   |                                                                                                                                                                                                                                                          |
|--------------------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Firefighting instructions      | : | Cool tanks/drums with water spray/remove them into safety location. Do not move the load if exposed to heat. Dilute toxic gases with water spray. Take account of toxic fire-fighting water. Use water moderately and if possible collect or contain it. |
| Protection during firefighting | : | Do not enter fire area without proper protective equipment, including respiratory protection.                                                                                                                                                            |

### 5.4 Additional information

No Data Available.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### 6.1.1 For non-emergency personnel

|                      |   |                                                                                                                                                                                                                                                                                                                     |
|----------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective equipment | : | Gas-tight chemical suit. Corrosion-proof suit. Refer "Material-Handling" to select protective clothing.                                                                                                                                                                                                             |
| Emergency procedures | : | Keep upwind. Mark the danger area. Consider evacuation. Seal off low-lying areas. Close doors and windows of adjacent premises. Stop nearby engines and no smoking. No naked flames or sparks. Use Spark- and explosion-proof appliances and lighting equipment. Keep containers closed. Wash contaminated clothes. |

#### For emergency responders

|                      |   |                                             |
|----------------------|---|---------------------------------------------|
| Protective equipment | : | Equip cleanup crew with proper protection.  |
| Emergency procedures | : | Stop leak if safe to do so. Ventilate area. |

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### 6.2 Environmental precautions

Prevent soil and water pollution. Prevent spreading in sewers, water bodies.

### 6.3 Methods and material for containment and cleaning up

- For containment :
- Contain released substance, transfer (pump) into suitable containers. Use compatible material of containers. Try to reduce evaporation. Measure the concentration of the explosive gas-air mixture. Dilute combustible/toxic gases/vapours with water spray. Provide equipment/receptacles with earthing. Do not use compressed air for pumping over spills.
- Methods for cleaning up :
- Take up liquid spill into inert absorbent material, e.g.: sand, earth, vermiculite, powdered limestone. Scoop absorbed substance into closing containers. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/ authorized disposal facility. Wash clothing and equipment after handling.

### 6.4 Reference to other sections

No additional information available.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

- Precautions for safe handling :
- Comply with the legal requirements. Remove contaminated clothing immediately. Clean contaminated clothing. Keep the substance free from contamination. Use corrosion proof equipment. Thoroughly clean/dry the installation before use. Do not discharge the waste into the drain. Do not use compressed air for pumping over. Use spark-/explosionproof appliances and lighting system.
  - Take precautions against electrostatic charges. Keep away from naked flames/heat. Keep away from ignition sources/sparks. Keep container tightly closed.
  - Measure the concentration in the air regularly. Work under local exhaust/ventilation. Exhaust gas must be neutralised.
- Hygiene measures :
- Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

### 7.2 Conditions for safe storage, including any incompatibilities

- Heat-ignition :
- KEEP SUBSTANCE AWAY FROM: heat sources. ignition sources.
- Prohibitions on mixed storage :
- KEEP SUBSTANCE AWAY FROM: combustible materials. oxidizing agents. (strong) bases. metals. alcohols. amines. water/moisture.
- Storage Conditions :
- Storage should be in a cool location away from direct sunlight. Keep the container tightly closed in a dry and well-ventilated place. Keep away from heat and sources of ignition.
- Special rules on packaging :
- SPECIAL REQUIREMENTS: closing. dry. clean. correctly labelled. meet the legal requirements. Secure fragile packagings in solid containers.
- Packaging materials :
- SUITABLE MATERIAL: Aluminum, glass. MATERIAL TO AVOID: steel. iron. zinc. lead. copper. bronze.

### 7.3 Specific end uses

Part from the uses mentioned in section 1.2 no other specific uses are stipulated

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### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### Ethyl Acetate (141-78-6)

|       |                                       |                                                                  |
|-------|---------------------------------------|------------------------------------------------------------------|
| ACGIH | ACGIH TWA (ppm)                       | 400 ppm                                                          |
| ACGIH | ACGIH STEL (ppm)                      | 15 ppm (Acetic acid; USA; Short time value; TLV – Adopted Value) |
| OSHA  | OSHA PEL (TWA) (mg/m <sup>3</sup> )   | 1400 mg/m <sup>3</sup> (8 Hr)                                    |
| OSHA  | OSHA PEL (TWA) (ppm)                  | 400 ppm                                                          |
| IDLH  | US IDLH (ppm)                         | 2000 ppm                                                         |
| NIOSH | NIOSH REL (TWA) (mg/m <sup>3</sup> )  | 1400 mg/m <sup>3</sup> (10 hr)                                   |
| NIOSH | NIOSH REL (TWA) (ppm)                 | 400 ppm                                                          |
| NIOSH | NIOSH REL (STEL) (mg/m <sup>3</sup> ) | 37 mg/m <sup>3</sup>                                             |
| NIOSH | NIOSH REL (STEL) (ppm)                | 15 ppm                                                           |

#### 8.2 Exposure controls

|                                   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Appropriate engineering controls  | : | Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Material should be handled safely.                                                                                                                                                                                                                                                                                                                                                                |
| Personal protective equipment     | : |     <br>Protective goggles. Gloves. Protective clothing. Face shield. Gas mask with filter. |
| Materials for protective clothing | : | GIVE EXCELLENT RESISTANCE: butyl rubber. polyethylene/ethylene vinyl alcohol. viton. GIVE GOOD RESISTANCE: neoprene. GIVE LESS RESISTANCE: natural rubber. PVC. GIVE POOR RESISTANCE: polyethylene. PVA.                                                                                                                                                                                                                                                                                                                   |
| Hand protection                   | : | Gloves.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Eye protection                    | : | Safety glasses.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Skin and body protection          | : | Head/neck protection. Corrosion-proof clothing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Respiratory protection            | : | Wear gas mask with filter type A if conc. in air > exposure limit. High vapour/ gas concentration: self-contained respirator.                                                                                                                                                                                                                                                                                                                                                                                              |
| Thermal hazard protection         | : | None.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

|                                     |   |                                        |
|-------------------------------------|---|----------------------------------------|
| Physical state                      | : | Liquid                                 |
| Appearance                          | : | Liquid                                 |
| Colour                              | : | Colorless                              |
| Odour                               | : | Fruity odour, 3.9 ppm(Threshold limit) |
| pH                                  | : | No Data Available                      |
| Melting point                       | : | -84 °C                                 |
| Freezing point                      | : | No Data Available                      |
| Initial boiling point/boiling range | : | 77 °C                                  |
| Flash Point                         | : | -4.5 °C (Closed cup)                   |
| Relative evaporation rate           | : | 2.4                                    |
| Relative density                    | : | 0.9003 (20 °C)                         |

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|                                             |   |                                                          |
|---------------------------------------------|---|----------------------------------------------------------|
| Relative vapour density at 20°C             | : | 3.0                                                      |
| Specific gravity/ density                   | : | 0.902 kg/m <sup>3</sup>                                  |
| Molecular mass                              | : | 88.11 g/mol                                              |
| Flammability(Solid, Gas)                    | : | No data available                                        |
| Upper/lower flammability or Explosive limit | : | No Data Available                                        |
| Solubility                                  | : | 80 g/l (80,000 mg/L) Soluble in water, acetone, benzene. |
| Vapor pressure                              | : | 10.3 kPa at 21 °C                                        |
| Vapour density                              | : | No Data Available                                        |
| Evaporation Rate                            | : | No Data Available                                        |
| Partition coefficient n-octanol/water       | : | 0.68 (Experimental value; 25 °C, n-octanol water)        |
| Auto-ignition temperature                   | : | 427 °C                                                   |
| Decomposition temperature                   | : | No Data Available                                        |
| Viscosity                                   | : | 1.168 cSt(Kinematic), 0.45 mPa (25°C )(Dynamic)          |
| Explosive Limits                            | : | 2 – 11.5 vol %                                           |
| Oxidizing properties                        | : | No Data Available                                        |

### 9.2 Other information

|                  |   |                                                                                                                   |
|------------------|---|-------------------------------------------------------------------------------------------------------------------|
| Surface Tension  | : | 24 mN/m (30°C)                                                                                                    |
| VOC content      | : | 100 %                                                                                                             |
| Other properties | : | Gas/vapour heavier than air at 20°C. distant ignition possible. Volatile. Slowly decomposed in presence of water. |

## SECTION 10: Stability and reactivity

|                                                |   |                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>10.1 Reactivity</b>                         | : | On heating: release of Toxic/combustible gases/vapours . Upon combustion: CO and CO <sub>2</sub> are formed. Violent to explosive reaction with many compounds e.g.: with (strong) oxidizers: (increased) risk of fire/explosion. Reacts violently with (some) bases. Reacts with (some) metals: release of highly flammable gases/vapours (hydrogen). |
| <b>10.2 Chemical Stability</b>                 | : | Hygroscopic.                                                                                                                                                                                                                                                                                                                                           |
| <b>10.3 Possibility of hazardous reactions</b> | : | Reacts violently with (some) bases: release of heat.                                                                                                                                                                                                                                                                                                   |
| <b>10.4 Conditions to avoid</b>                | : | Extremely high or low temperatures. Incompatible materials.                                                                                                                                                                                                                                                                                            |
| <b>10.5 Incompatible materials</b>             | : | May react violently with alkalis. May react with bases, copper, silver, mercury, magnesium, zinc and their alloys.                                                                                                                                                                                                                                     |
| <b>10.6 Hazardous decomposition products</b>   | : | Carbon dioxide. Carbon monoxide.                                                                                                                                                                                                                                                                                                                       |

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

|                           |   |                                  |
|---------------------------|---|----------------------------------|
| Likely routes of exposure | : | Inhalation; Skin and eye contact |
| Acute toxicity            | : | Not classified                   |

| Ethyl Acetate (141-78-6) |   |                                       |
|--------------------------|---|---------------------------------------|
| LD50 oral toxicity       | : | 5620 mg/kg body weight (Rabbit )      |
| LD50 dermal toxicity     | : | >20000 mg/kg body weight (Rabbit)     |
| LC50 inhalation toxicity | : | 22.5 mg/L<br>Exposure time: 6 h (Rat) |

|                               |   |                                                                                   |
|-------------------------------|---|-----------------------------------------------------------------------------------|
| Skin corrosion/irritation     | : | Nonirritant.                                                                      |
| Serious eye damage/irritation | : | Irritant. Tests on rabbits, OECD Guideline 405, Acute eye Irritation / Corrosion. |

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|                                                    |   |                                                                                                            |
|----------------------------------------------------|---|------------------------------------------------------------------------------------------------------------|
| Respiratory or skin sensitization                  | : | Guinea pig maximization test (GPMT) - Guinea pig: OECD Guideline 406 (Skin sensitization). Not sensitizing |
| Germ cell mutagenicity                             | : | Not classified                                                                                             |
| Carcinogenicity                                    | : | Not classified                                                                                             |
| Reproductive toxicity                              | : | No Not classified                                                                                          |
| Specific target organ toxicity (single exposure)   | : | May cause drowsiness or dizziness                                                                          |
| Specific target organ toxicity (repeated exposure) | : | No Not classified                                                                                          |
| Aspiration hazard                                  | : | No Not classified                                                                                          |

### SECTION 12: Ecological information

#### 12.1 Toxicity

|                   |   |                                                                                                                                                                                                                               |
|-------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ecology - general | : | Not classified as dangerous for the environment according to the criteria of Regulation (EC) No 1272/2008.                                                                                                                    |
| Ecology - air     | : | Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009). Not included in the list of substances which may contribute to the greenhouse effect (Regulation (EC) No 842/2006). TA-Luft Klasse 5.2.5/II.. |
| Ecology – water   | : | Moderately toxic to fishes and inhibit growth in aquatic plant.                                                                                                                                                               |

#### Ethyl Acetate (141-78-6)

|               | Toxicity to Fish                      | Toxicity to aquatic invertebrates | Toxicity to aquatic plants | Toxicity to Microorganisms |
|---------------|---------------------------------------|-----------------------------------|----------------------------|----------------------------|
| Species       | Pimephales promelas (Fat-head Minnow) | Daphnia magna                     | Scenedesmus subspicatus    | Photobacterium phosphoreum |
| Value         | 220 mg/l                              | 3090 mg/l                         | >100 mg/l                  | 5870 mg/l                  |
| Exposure time | 96 h                                  | 24 h                              | 72hrs                      | 2 hrs.                     |

#### 12.2 Persistence and degradability

##### Ethyl Acetate (141-78-6)

|                               |   |                                                                                   |
|-------------------------------|---|-----------------------------------------------------------------------------------|
| Persistence and degradability | : | Readily biodegradable in water. Biodegradable in the soil. High mobility in soil. |
|-------------------------------|---|-----------------------------------------------------------------------------------|

#### 12.3 Bioaccumulative potential

|                            |   |                           |
|----------------------------|---|---------------------------|
| Bio-accumulative potential | : | Bioaccumulation unlikely. |
|----------------------------|---|---------------------------|

#### 12.4 Mobility in soil

|                |   |                        |
|----------------|---|------------------------|
| Ecology – soil | : | High mobility in soil. |
|----------------|---|------------------------|

#### 12.5 Other adverse effects

No additional information available.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

|                                |   |                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Waste disposal recommendations | : | Remove and dispose of waste in accordance with applicable local and/or national regulations through an authorized waste management or disposal through an authorized waste incineration facility. Do not discharge waste into drains, soil, water bodies, or the environment. Contaminated packaging shall be handled and disposed of in accordance with applicable regulations. |
|--------------------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### SECTION 14 : TRANSPORT INFORMATION

#### Marine transport (IMDG)

|                                      |   |               |
|--------------------------------------|---|---------------|
| UN number                            | : | 1173          |
| Proper shipping name and description | : | Ethyl Acetate |

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Class : 3  
Packaging group : II  
Hazard Identification Number : 33  
EmS code : F-E, S-D  
Marine pollutant : No

### Air transport ICAO/IATA

UN number : 1173  
Proper shipping name and description : Ethyl Acetate  
Class : 3  
Packaging group : II  
Hazard Labels : Corrosive and Flammable liquid  
Environmentally hazardous : No

### Department of Transportation (DOT)

UN Number : UN1173  
Proper Shipping Name : ETHYL ACETATE  
Transport hazard class : 3  
Packing group : II  
Reportable Quantity (RQ) : 1000 lbs  
Poison Inhalation Hazard : No  
Hazard labels :



3 - Flammable liquid

## SECTION 15: Regulatory information

### 15.1 National regulations

#### Ethyl Acetate (141-78-6)

| Country     | National Inventories | Listing |
|-------------|----------------------|---------|
| AUSTRALIA   | AICS                 | Listed  |
| CANADA      | DSL                  | Listed  |
| CHINA       | IECSC                | Listed  |
| EUROPE      | EC                   | Listed  |
| JAPAN       | ENCS                 | Listed  |
| NEWZEALAND  | NZIoC                | Listed  |
| PHILIPPINES | PICCS                | Listed  |
| SOUTH KOREA | KECI                 | Listed  |
| TAIWAN      | TCSI                 | Listed  |
| USA         | TSCA                 | Listed  |

## SECTION 16: Other information

### 16.1 Hazard Statement

H225 : Highly flammable liquid and vapour  
H319 : Causes serious eye irritation  
H336 : May cause drowsiness and dizziness.

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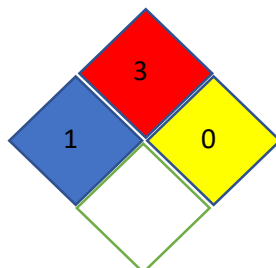
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### 16.2 NFPA Rating



### 16.3 Abbreviations and acronyms

: PBT =Persistent Bioaccumulative and Toxic  
 vPvB= Very Persistent and Very Bioaccumulative  
 SCBA= Self Contained Breathing Apparatus  
 NIOSH REL= National Institute for Occupational Safety and Health Recommended Exposure Limit  
 OSHA PEL=Occupational Safety and Health Administration Permissible Exposure Limit  
 OELTWA= Occupational Exposure Limit Time Weighted Averages  
 IDLH= Immediately Dangerous to Life or Health  
 UEL= Upper Explosive Limit  
 LEL= Lower Explosive Limit  
 RTECS= Registry of Toxic Effects of Chemical Substances  
 NTP=National Toxicology Programm  
 IARC= International Agency for Research on Cancer  
 EPA=Environmental Protection Agency  
 TSCA= Toxic Substances Control Act  
 NFPA= National Fire Protection Association  
 CSR=Chemical Safety Report  
 BCF = Bio Concentration Factor  
 DNEL = Derived No Effect Level  
 PNEC = Predicted No Effect Concentration  
 TLV = Threshold Limit Value  
 ACGIH = American Conference of Governmental Industrial Hygienist  
 REACH = Registration, Evaluation .Authorisation and Restriction of Chemicals  
 CLP = Classification, Labelling and Packaging  
 LD / LC = Lethal Doses / Lethal Concentration  
 GHS = Globally Harmonised System  
 ADR = Accord europeen relative au transport international de marchandises  
 IMDG-Code = International Maritime Code for Dangerous Goods  
 EmS = Emergency measures on Sea  
 ICAO = International Civil Aviation Organization  
 IATA/DGR= International Air Transport Association/Dangerous Goods Regulation

### 16.4 Further information:

Information in this SDS is from available published sources and is believed to be accurate. No warranty, express or implied, is made and Godavari Biorefineries Ltd. assumes no liability resulting from the use of this SDS. The user must determine suitability of this information for his application