

1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

| | |
|------------------------|---------------------|
| Product Name | INDASOL 1212 |
| Trade Name | INDASOL 1212 |
| Product code | 1212-500 |
| CAS No. | Mixture |
| EC No. | Mixture |
| REACH Registration No. | None assigned |
| UFI code | 20A3-POXV-D00T-UAY5 |

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

| | |
|----------------------|---|
| Identified Use(s) | Industrial use only. Adhesive Applications. |
| Uses Advised Against | Not known. |

1.3 Details of the supplier of the safety data sheet

| | |
|-------------------------|--|
| Manufacturer | |
| Company Identification | Industrial Adhesives Solutions Ltd. |
| Address of Manufacturer | 10 Crystal Drive Sandwell Business Park Smethwick West Midlands |
| Postal code | B66 1QG |
| Telephone: | +44 (0) 121 556 9900 |
| Fax | |
| E-mail | enquiry@indasol.co.uk |
| Office hours | Mon-Fri 0800-1630 |

| | |
|------------------------|------------|
| Supplier | |
| Company Identification | Not known. |
| Address of Supplier | Not known. |
| Postal code | Not known. |
| Telephone: | Not known. |
| Fax | Not known. |
| E-mail | Not known. |
| Office hours | |

1.4 Emergency telephone number



| | |
|---------------------|----------------------|
| Emergency Phone No. | +44 (0) 121 556 9900 |
| Contact | Office Hours |

National response center

| | |
|---------------------|--|
| Address | National Poisons Information Service (Birmingham Centre) City Hospital Dudley Road, Birmingham, United Kingdom |
| Emergency Phone No. | +00 44 (0) 8706 006 266 or NHS - 111 |

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

| | |
|---|--|
| 2.1.1 Regulation (EC) No. 1272/2008 (CLP) | <p>Carc. 2 : Suspected of causing cancer. Eye Irrit. 2 : Causes serious eye irritation. Skin Irrit. 2 : Causes skin irritation. Skin Sens. 1 : May cause an allergic skin reaction. STOT SE 3 : May cause respiratory irritation.</p> |
| 2.2 Label elements | According to Regulation (EC) No. 1272/2008 (CLP) |
| Product Name | INDASOL 1212 |
| Hazard Pictogram(s) | <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>GHS07</p> </div> <div style="text-align: center;">  <p>GHS08</p> </div> </div> |
| Signal Word(s) | Danger |
| Hazard Statement(s) | <p>H315: Causes skin irritation. H317: May cause an allergic skin reaction. H319: Causes serious eye irritation. H335: May cause respiratory irritation. H351: Suspected of causing cancer. H373: May cause damage to organs through prolonged or repeated exposure.</p> |
| Precautionary Statement(s) | <p>P202: Do not handle until all safety precautions have been read and understood. P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233: Keep container tightly closed. P243: Take precautionary measures against static discharge. P261: Avoid breathing dust/fume/gas/mist/vapours/spray. P264: Wash hands and exposed skin thoroughly after handling. P272: Contaminated work clothing should not be allowed out of the workplace. P281: Use personal protective equipment as required. P302+P352: IF ON SKIN: Wash with plenty of water. P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313: IF exposed or concerned: Get medical advice/attention. P312: Call a POISON CENTER/doctor if you feel unwell. P321: Specific treatment (see Medical Advice on this label). P332+P313: If skin irritation occurs: Get medical advice/attention. P333+P313: If skin irritation or rash occurs: Get medical advice/attention. P337+P313: If eye irritation persists: Get medical advice/attention. P403+P233: Store in a well-ventilated place. Keep container tightly closed. P405: Store locked up. P501: Dispose of contents in accordance with local, state or national legislation.</p> |
| 2.3 Other hazards | Not known. |
| 2.4 Additional Information | For full text of H/P Statements see section 16. |

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| HAZARDOUS INGREDIENT(S) | CAS No. | EC No. REACH Registration No. | %W/W Hazard Statement(s) | Hazard Pictogram(s) |
|--|----------|-------------------------------------|---|------------------------|
| methyl methacrylate methyl 2-methylprop-2-enoate methyl 2-methylpropenoate | 80-62-6 | 201-297-1 | 20-40 Flam. Liq. 2 H225 STOT SE 3 H335 Skin Irrit. 2 H315 Skin Sens. 1 H317 | GHS02 GHS07 |
| dichloromethane methylene chloride | 75-09-2 | 200-838-9 | 30-65 Carc. 2 H351 Skin Irrit. 2 H315 Eye Irrit. 2 H319 STOT SE 3 H335 STOT RE 2 H373 | GHS08 GHS07 |
| 2-phenoxyethanol | 122-99-6 | 204-589-7 | 1-10 Acute Tox. 4 H302 Eye Irrit. 2 H319 | GHS07 |

4. SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

| | |
|--|---|
| Inhalation | If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. |
| Skin Contact | Wash skin with water. |
| Eye Contact | |
| Ingestion | Wash out mouth with water. |
| 4.2 Most important symptoms and effects, both acute and delayed | Causes burns. Allergic contact dermatitis. |
| 4.3 Indication of any immediate medical attention and special treatment needed | Treat symptomatically. |

5. SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

| | |
|---|--|
| Suitable Extinguishing media | As appropriate for surrounding fire. |
| Unsuitable extinguishing media | Water jet spray |
| 5.2 Special hazards arising from the substance or mixture | May decompose in a fire, giving off toxic and irritant vapours. |
| 5.3 Advice for fire-fighters | Fire fighters should wear complete protective clothing including self-contained breathing apparatus. If it is safe to do so, containers should be removed from fire area because they are likely to rupture under fire conditions. |

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

| | |
|---|--|
| 6.1 Personal precautions, protective equipment and emergency procedures | Provide adequate ventilation. Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Ensure full personal protection (including respiratory protection) during removal of spillages. |
| 6.2 Environmental precautions | Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body. |
| 6.3 Methods and material for containment and cleaning up | Sweep up spilled substance and remove to safe place. Use vacuum equipment for collecting spilt materials, where practicable. Containers must not be punctured or destroyed by burning, even when empty. |
| 6.4 Reference to other sections | See Also Section 8, 13. |

7. SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands and exposed skin thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapours/spray. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Use only outdoors or in a well-ventilated area.

7.2 Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep cool. Store locked up. Keep container tightly closed.

Storage temperature

Ambient.

Storage life

Stable under normal conditions.

Incompatible materials

None known.

7.3 Specific end use(s)

Industrial use only. Adhesive Applications.

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1.1 Occupational Exposure Limits

| Occupational Exposure Limits | | | | | | |
|------------------------------|---|---------------------|------------------------------------|------------|---------------------------|----------|
| SUBSTANCE. | CAS No. | LTEL (8 hr TWA ppm) | LTEL (8 hr TWA mg/m ³) | STEL (ppm) | STEL (mg/m ³) | Note |
| Methyl methacrylate | 80-62-6 | 50 | 208 | 100 | 416 | |
| Methyl methacrylate | 80-62-6 | 50 | | 100 | | IOELV |
| Dichloromethane | 75-09-2 | 100 | 350 | 300 | 1060 | BMGV, Sk |
| Remark | Footnote | | | | | |
| IOELV | IOELV: Indicative Occupational Exposure Limit Value | | | | | |
| BMGV | Biological monitoring guidance values are listed. | | | | | |
| Sk | Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity. | | | | | |

8.2.1. Appropriate engineering controls

Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Use with ventilation, local exhaust ventilation or breathing protection. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2. Personal protection equipment



Eye Protection

Wear eye protection with side protection (EN166).



Skin protection

Wear protective clothing and gloves: Impervious gloves (EN 374).



Respiratory protection

Normally no personal respiratory protection is necessary.

Thermal hazards

None known.

8.2.3. Environmental Exposure Controls Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

| | |
|--|---------------------|
| Appearance | Liquid. |
| Colour | Clear. |
| Odour | Strong. |
| Odour threshold | Not known. |
| pH | Not known. |
| Melting point/freezing point | Not known. |
| Boiling point/boiling range (°C): | Not known. |
| Flash Point | >60°C |
| Flash Point Range | Not known. |
| Density (g/ml) | Not known. |
| Evaporation rate | Not known. |
| Flammability | 600°C |
| Vapour density | Not known. |
| Vapour pressure | Not known. |
| Relative density | 1.13 |
| Solubility (Water) | Immiscible in Water |
| Solubility (Other) | Not known. |
| Partition coefficient: n-octanol/water | Not known. |
| Auto-ignition temperature | Not known. |
| Decomposition Temperature (°C) | Not known. |
| Viscosity | Not known. |
| Upper/lower flammability or explosive limits | Not known. |
| Other information | Not known. |

10. SECTION 10: STABILITY AND REACTIVITY

| | |
|---|--|
| 10.1 Reactivity | None anticipated. |
| 10.2 Chemical Stability | Stable under normal conditions. |
| 10.3 Possibility of hazardous reactions | No hazardous reactions known if used for its intended purpose. |
| 10.4 Conditions to avoid | Avoid friction, sparks, or other means of ignition. |
| 10.5 Incompatible materials | Not known. |
| 10.6 Hazardous decomposition product(s) | None known. |

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

| | |
|-------------------------------|---|
| Acute toxicity - Ingestion | Not classified. Calculated acute toxicity estimate (ATE) Calc ATE - 5000.00000 |
| Acute toxicity - Skin Contact | Not classified. |
| Acute toxicity - Inhalation | Not classified. |

| | |
|--------------------------------|--|
| Skin corrosion/irritation | Calculation method: Causes skin irritation. |
| Serious eye damage/irritation | Calculation method: Causes serious eye irritation. |
| Skin sensitization data | Calculation method: May cause an allergic skin reaction. |
| Respiratory sensitization data | Calculation method: May cause respiratory irritation. |
| Germ cell mutagenicity | Not classified. |
| Carcinogenicity | Calculation method: Suspected of causing cancer. |
| Reproductive toxicity | Not classified. |
| Lactation | Not classified. |
| STOT - single exposure | Calculation method: May cause respiratory irritation. |
| STOT - repeated exposure | Calculation method: May cause damage to organs through prolonged or repeated exposure. |
| Aspiration hazard | Not classified. |
| 11.2 Other information | Not known. |

12. SECTION 12: ECOLOGICAL INFORMATION

| | |
|---|---|
| 12.1.1 Toxicity - Aquatic invertebrates: | Not classified |
| 12.1.2 Toxicity - Fish | Low toxicity to fish. |
| 12.1.3 Toxicity - Algae | Low toxicity to algae. |
| 12.1.4 Toxicity - Sedimentation | The substance has low mobility in sediment. |
| 12.1.5 Toxicity - Terrestrial Compartment | Low toxicity under normal conditions of handling and use. |
| 12.2. Persistence and Degradation | Not known. |
| 12.3. Bioaccumulative potential | Not known. |
| 12.4. Mobility in soil | Not known. |
| 12.5. Results of PBT and vPvB assessment | Not known. |
| 12.6 Other adverse effects | Not known. |

13. SECTION 13: DISPOSAL CONSIDERATIONS

| | |
|------------------------------|--|
| 13.1 Waste treatment methods | Dispose of contents in accordance with local, state or national legislation. Recycle only completely emptied packaging. Containers must not be punctured or destroyed by burning, even when empty. Do not allow to enter drains, sewers or watercourses. Do NOT landfill. Normal disposal is via incineration operated by an accredited disposal contractor. Send to a licensed recycler, reclaimer or incinerator. Dispose of this material and its container to hazardous or special waste collection point. |
| 13.2 Additional Information | Disposal should be in accordance with local, state or national legislation. |

14. SECTION 14: TRANSPORT INFORMATION

14.1 UN number

UN No. 2810

14.2 UN proper shipping name

UN proper shipping name TOXIC LIQUID, ORGANIC, N.O.S.

14.3 Transport hazard class(es)

ADR/RID Class 6.1
IMDG Class 6.1

| | |
|--|----------------|
| IMDG EMS | F-A, S-A |
| ICAO/IATA | |
| Excepted Quantities | E1 |
| Passenger and Cargo Aircraft Limited Quantities Packing Instructions | Y642 |
| Passenger and Cargo Aircraft Limited Quantities Max net Qty | 2L |
| Passenger and Cargo Aircraft Packing Instructions | 655 |
| Passenger and Cargo Aircraft Max net Qty | 60L |
| Cargo Aircraft Packing Instructions | 663 |
| Cargo Aircraft Max net Qty | 220L |
| Special Provisions | A3 A4 A137 |
| Emergency Response Guidebook (ERG) Code | 6L |
| ADR Classification Code | T1 |
| ADR HIN | 60 |
| ADR Transport Category | 2 |
| Tunnel Restriction Code | E |
| Emergency Action Code | 2X |
| APP Advice on Additional Personal Protection (APP) | Not applicable |

14.4 Packing group

| | |
|---------------|-----|
| Packing group | III |
| Labels | 6.1 |



| | |
|---|---------------------|
| Special Provisions | 274 614 |
| Limited Quantities | 5L |
| Excepted Quantities | E1 |
| Mixed Packing Instructions for Packages | P001 IBC03 LP01 R00 |
| Special Packing Provisions for Packages | Not applicable |
| Mixed Packing Instructions for Packages | MP19 |

14.5 Environmental hazards

| | |
|-----------------------|---------------------------------------|
| Environmental hazards | Not classified as a Marine Pollutant. |
|-----------------------|---------------------------------------|

14.6 Special precautions for user

| | |
|------------------------------|------------|
| Special precautions for user | Not known. |
|------------------------------|------------|

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Packing Instructions for Portable T7
Tanks

Special Provisions for Portable Tanks TP1 TP28

Tank Code for Tanks L4BH

Special Provisions for Tanks TU15 TE19

Vehicle for Tank Carriage AT

Special Provisions for Carriage - Packages V12

Special Provisions for Carriage - Bulk Not applicable

Special Provisions for Carriage - Loading, Unloading and Handling CV13 CV28

Special Provisions for Carriage - Operation S9

15. SECTION 15: REGULATORY INFORMATION

15.1 European Regulations

Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for Authorisation All chemicals are not listed

REACH: ANNEX XIV list of substances subject to authorisation All chemicals are not listed

REACH: ANNEX XVII restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles Dichloromethane (75-09-2)

Community Rolling Action Plan (CoRAP) Methyl methacrylate (80-62-6)

Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants Not listed

Regulation (EC) N° 2037/2000 on substances that deplete the ozone layer Not listed

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals Not listed

15.2 National regulations

Other Not known.

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

Hazard Pictogram(s)

Safety Data Sheet

INDASOL 1212



GHS07

GHS08

| | |
|----------------------------|---|
| Signal Word(s) | Danger |
| Hazard Statement(s) | H315: Causes skin irritation. H317: May cause an allergic skin reaction. H319: Causes serious eye irritation. H335: May cause respiratory irritation. H351: Suspected of causing cancer. H373: May cause damage to organs through prolonged or repeated exposure. |
| Precautionary Statement(s) | P201: Obtain special instructions before use. P202: Do not handle until all safety precautions have been read and understood. P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233: Keep container tightly closed. P240: Ground/bond container and receiving equipment. P241: Use explosion-proof electrical/ventilating/lighting/equipment. P242: Use only non-sparking tools. P243: Take precautionary measures against static discharge. P261: Avoid breathing dust/fume/gas/mist/vapours/spray. P264: Wash hands and exposed skin thoroughly after handling. P271: Use only outdoors or in a well-ventilated area. P272: Contaminated work clothing should not be allowed out of the workplace. P280: Wear protective gloves/protective clothing/eye protection/face protection. P281: Use personal protective equipment as required. P302+P352: IF ON SKIN: Wash with plenty of water. P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313: IF exposed or concerned: Get medical advice/attention. P312: Call a POISON CENTER/doctor if you feel unwell. P321: Specific treatment (see Medical Advice on this label). P332+P313: If skin irritation occurs: Get medical advice/attention. P333+P313: If skin irritation or rash occurs: Get medical advice/attention. P337+P313: If eye irritation persists: Get medical advice/attention. P362+P364: Take off contaminated clothing and wash it before reuse. And wash it before reuse. P370+P378: In case of fire: Use water to extinguish. P403+P233: Store in a well-ventilated place. Keep container tightly closed. P403+P235: Store in a well-ventilated place. Keep cool. |

Safety Data Sheet

INDASOL 1212

Disclaimers

P405: Store locked up.

P501: Dispose of contents in accordance with local, state or national legislation.

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