

SAFETY DATA SHEET

### 1. Identification

| Product identifier               | Methanol   |
|----------------------------------|--|
| Other means of identification    |  |
| CAS number                       | 67-56-1  |
| Recommended use                  | General purpose solvent.                               |
| Recommended restrictions         | Use in accordance with manufacturer's recommendations. |
| Manufacturer/Importer/Supplier/I | Distributor information                                |
| Company Name                     | Lab Alley LLC  |
| Address                          | 1927 Lohman's Crossing, STE 201                        |
|                                  | Austin TX 78734  |
|                                  | USA  |
| Telephone                        | 512-668-9918   |
| Fax                              | 512-886-4008   |
|                                  |  |
| Company Name                     | Lab Alley LLC  |
| Address                          | 1927 Lohman's Crossing, STE 201                        |
|                                  | Austin TX 78734  |
|                                  | USA  |
| Telephone                        | 512-668-9918   |
| Fax                              | 512-886-4008   |

### 2. Hazard(s) identification

| Physical hazards     | Flammable liquids  | Category 2                                       |
|----------------------|--|--|
| Health hazards       | Acute toxicity, oral   | Category 3                                       |
|                      | Acute toxicity, dermal                                       | Category 3                                       |
|                      | Acute toxicity, inhalation                                   | Category 3                                       |
|                      | Specific target organ toxicity, single exposure (inhalation) | Category 1 (central nervous system, optic nerve) |
| OSHA defined hazards | Not classified.  |  |

Label elements



Signal word Hazard statement

Highly flammable liquid and vapor. Toxic if swallowed. Toxic in contact with skin. Toxic if inhaled. Causes damage to organs (central nervous system, optic nerve) by inhalation.

Precautionary statement Prevention

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing. Wear protective gloves/eye protection/face protection.

| Response                                     | If swallowed: Immediately call a poison center/doctor. Rinse mouth. If on skin (or hair): Take off<br>immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person<br>to fresh air and keep comfortable for breathing. Call a poison center/doctor. Take off immediately<br>all contaminated clothing and wash it before reuse. In case of fire: Use appropriate media to<br>extinguish. |
|--|--|
| Storage                                      | Keep cool. Store in a well-ventilated place. Keep container tightly closed. Store locked up.   |
| Disposal                                     | Dispose of contents/container in accordance with local/regional/national/international regulations.  |
| Hazard(s) not otherwise<br>classified (HNOC) | None known.  |
| Supplemental information                     | None.  |

# 3. Composition/information on ingredients

Substances

| Chemical name  | Common name and<br>synonyms   | CAS number  | %  |
|--|---|---|--|
| Methanol   |   | 67-56-1   | 100  |
| Composition comments   | All concentrations are in percent by weight unle  | ess otherwise indicated.  |  |
| 4. First-aid measures  |   |   |  |
| Inhalation   | Remove victim to fresh air and keep at rest in a<br>artificial respiration if needed. Do not use mouth<br>Induce artificial respiration with the aid of a poor<br>proper respiratory medical device. Call a poison  | n-to-mouth method if victim ket mask equipped with a o  | inhaled the substance.<br>ne-way valve or other  |
| Skin contact   | Take off immediately all contaminated clothing.<br>advice/attention if you feel unwell. Get medical<br>contaminated clothing before reuse.  |   |  |
| Eye contact  | Immediately flush eyes with plenty of water for present and easy to do. Continue rinsing. Get r   | at least 15 minutes. Remove<br>nedical attention if irritation (  | e contact lenses, if develops and persists.  |
| Ingestion  | Call a physician or poison control center immed<br>vomiting occurs, keep head low so that stomac<br>mouth-to-mouth method if victim ingested the s<br>a pocket mask equipped with a one-way valve   | h content doesn't get into th<br>ubstance. Induce artificial re   | e lungs. Do not use<br>espiration with the aid o   |
| Most important<br>symptoms/effects, acute and<br>delayed                     | Narcosis. Headache. Dizziness. Nausea, vomit<br>functions. Direct contact with eyes may cause t<br>methanol may result in illness, systemic poison<br>death, after being ingested, absorbed through t<br>respiratory failure has been reported in some c  | emporary irritation. Methand<br>ing, blindness, optic nerve c<br>he skin or inhaled. Death du   | bl: Human exposure to<br>lamage and perhaps<br>ue to cardiac or  |
| Indication of immediate<br>medical attention and special<br>treatment needed | Provide general supportive measures and treat<br>immediately. While flushing, remove clothes wh<br>ambulance. Continue flushing during transport<br>observation. Symptoms may be delayed. Provid<br>prepare the antidote, make a solution using 100<br>2000 mL of water and give 1.5 mL/kg of body w<br>this, at 2 hour intervals for 4 days, give the anti-<br>intravenously) to reduce the metabolism of the<br>ethanol levels should be 1.0-1.5 mg/mL. | hich do not adhere to affected<br>to hospital. Keep victim war<br>de standard methanol inges<br>0 mL of 100-proof ethyl alco<br>veight, or 100 mL for an ave<br>dote (0.5-1.0 mL/kg of body | ed area. Call an<br>m. Keep victim under<br>tion treatment. To<br>hol (grain alcohol) in<br>rage adult. Following<br>weight, orally or |
| General information  | Take off immediately all contaminated clothing.<br>label where possible). Ensure that medical pers<br>take precautions to protect themselves. Show t<br>Wash contaminated clothing before reuse.  | sonnel are aware of the mat   | erial(s) involved, and   |
| 5. Fire-fighting measures  |   |   |  |
| Suitable extinguishing media   | Water fog. Alcohol resistant foam. Dry chemica  | l powder. Carbon dioxide (C   | 02).   |
| Unsuitable extinguishing<br>media  | Do not use water jet as an extinguisher, as this  | will spread the fire.   |  |
| Specific hazards arising from the chemical                                   | Vapors may form explosive mixtures with air. V of ignition and flash back. During fire, gases ha products may include: carbon oxides.   | apors may travel consideral<br>zardous to health may be fo  | ble distance to a source<br>ormed. Combustion  |
| Special protective equipment<br>and precautions for firefighters             | Self-contained breathing apparatus and full pro   | tective clothing must be wor  | rn in case of fire.  |
| Fire fighting<br>equipment/instructions                                      | In case of fire and/or explosion do not breathe t<br>so without risk. Use water spray to keep fire-ex   |   | m fire area if you can do  |

| Specific methods     | Use standard firefighting procedures and consider the hazards of other involved materials. |
|----------------------|--|
| General fire hazards | Highly flammable liquid and vapor.   |

#### 6. Accidental release measures

| Personal precautions,<br>protective equipment and<br>emergency procedures | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.  |
|---|--|
| Methods and materials for<br>containment and cleaning up                  | Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. This product is miscible in water.   |
|   | Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.   |
|   | Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.  |
|   | Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.  |
| Environmental precautions   | Avoid discharge into drains, water courses or onto the ground.   |
| 7. Handling and storage   |  |
| Precautions for safe handling   | Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not taste or swallow. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Observe good industrial hygiene practices. |
| Conditions for safe storage,<br>including any incompatibilities           | Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).   |
| 8. Exposure controls/perso  | onal protection  |

# Occupational exposure limits

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) Material Value Type PEL Methanol (CAS 67-56-1) 260 mg/m3 200 ppm **US. ACGIH Threshold Limit Values** Material Туре Value Methanol (CAS 67-56-1) STEL 250 ppm TWA 200 ppm **US. NIOSH: Pocket Guide to Chemical Hazards** Material Value Туре Methanol (CAS 67-56-1) STEL 325 mg/m3 250 ppm TWA 260 mg/m3 200 ppm

| Material   | Value   | Determinant   | Specimen  | Sampling Time   |
|--|---|---|---|---|
| Methanol (CAS 67-56-1)                           | 15 mg/l   | Methanol  | Urine   | *   |
| * - For sampling details, pleas                  | se see the source                                     | document.   |   |   |
| posure guidelines                                |   |   |   |   |
| US - California OELs: Skin                       | designation   |   |   |   |
| Methanol (CAS 67-56-1)                           | 1   | Can be  | e absorbed throu  | gh the skin.  |
| US - Minnesota Haz Subs: \$                      | Skin designation                                      | applies   |   |   |
| Methanol (CAS 67-56-1)                           |   | Skin de   | esignation applie   | es.   |
| US - Tennessee OELs: Skir                        | •   |   |   |   |
| Methanol (CAS 67-56-1)                           |   |   | e absorbed throu  | gh the skin.  |
| US ACGIH Threshold Limit                         |   | -   |   |   |
| Methanol (CAS 67-56-1)                           |   |   | e absorbed throu  | igh the skin.   |
| US. NIOSH: Pocket Guide to                       |   |   | a chaorhad through  | ab the elvin  |
| Methanol (CAS 67-56-1)<br>ppropriate engineering |   |   | e absorbed throu  | Good general ventilation should be used.  |
| ontrols<br>ndividual protection measures         | exhaust ventila<br>exposure limits<br>acceptable leve | tion, or other engineerir<br>. If exposure limits have<br>el. Provide eyewash sta | ng controls to ma<br>e not been establ<br>tion and safety s | plicable, use process enclosures, local<br>aintain airborne levels below recommende<br>lished, maintain airborne levels to an<br>hower. |
| Eye/face protection                              |   | asses with side shields   |   |   |
| Skin protection                                  |   |   |   |   |
| Hand protection                                  | recommended.  |   | an be recomme   | yl rubber or neoprene gloves are<br>nded by the glove supplier. Be aware tha<br>s advisable.  |
| Skin protection<br>Other                         | Wear appropria  | ate chemical resistant c  | lothing. Use of ar  | n impervious apron is recommended.  |
| Respiratory protection                           | limits (where ap<br>been establishe                   | oplicable) or to an acce  | ptable level (in co<br>ator must be wor                     | ntrations below recommended exposure<br>ountries where exposure limits have not<br>n. Respirator type: Chemical respirator w            |
|  | Wear appropria  | ate thermal protective cl   | othing, when neo  | cessary.  |
| Thermal hazards                                  |   | •   | •   |   |

# 9. Physical and chemical properties

| Appearance                                   |                              |
|--|------------------------------|
| Physical state                               | Liquid.                      |
| Form   | Liquid.                      |
| Color  | Clear. Colorless.            |
| Odor   | Not available.               |
| Odor threshold                               | Not available.               |
| рН   | Not available.               |
| Melting point/freezing point                 | -144.4 °F (-98 °C)           |
| Initial boiling point and boiling range      | 147.2 °F (64 °C) 101.325 kPa |
| Flash point                                  | 51.8 °F (11.0 °C) Closed Cup |
| Evaporation rate                             | Not available.               |
| Flammability (solid, gas)                    | Not applicable.              |
| Upper/lower flammability or explosive limits |                              |
| Flammability limit - lower<br>(%)            | 6 %                          |

| Flammability limit - upper<br>(%)          | 36 %                       |
|--|----------------------------|
| Vapor pressure                             | 130.3 hPa (68 °F (20 °C))  |
| Vapor density                              | 1.1                        |
| Relative density                           | 0.791 g/ml (77 °F (25 °C)) |
| Solubility(ies)                            |                            |
| Solubility (water)                         | Completely miscible        |
| Partition coefficient<br>(n-octanol/water) | Not available.             |
| Auto-ignition temperature                  | 867.2 °F (464 °C)          |
| Decomposition temperature                  | Not available.             |
| Viscosity                                  | Not available.             |
| Other information                          |                            |
| Explosive properties                       | Not explosive.             |
| Molecular formula                          | C-H4-O                     |
| Molecular weight                           | 32.04 g/mol                |
| Oxidizing properties                       | Not oxidizing.             |

# 10. Stability and reactivity

| Reactivity                            | The product is stable and non-reactive under normal conditions of use, storage and transport.   |
|---------------------------------------|---|
| Chemical stability                    | Material is stable under normal conditions.   |
| Possibility of hazardous<br>reactions | Hazardous polymerization does not occur.  |
| Conditions to avoid                   | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials. |
| Incompatible materials                | Strong oxidizing agents.  |
| Hazardous decomposition<br>products   | No hazardous decomposition products are known.  |

# 11. Toxicological information

### Information on likely routes of exposure

| internation on interj reated of e  | Apooli o   |
|--|--|
| Inhalation   | Toxic if inhaled. Causes damage to organs by inhalation.   |
| Skin contact   | Toxic in contact with skin.  |
| Eye contact  | Direct contact with eyes may cause temporary irritation.   |
| Ingestion  | Toxic if swallowed.  |
| Symptoms related to the physical, chemical and toxicological characteristics | Narcosis. Headache. Dizziness. Nausea, vomiting. Behavioral changes. Decrease in motor functions. Direct contact with eyes may cause temporary irritation. Methanol: Human exposure to methanol may result in illness, systemic poisoning, blindness, optic nerve damage and perhaps death, after being ingested, absorbed through the skin or inhaled. Death due to cardiac or respiratory failure has been reported in some cases from consumption of as little as 30 mls. |
| Information on toxicological effe  | ects   |
| Acute toxicity   | Toxic if inhaled. Toxic in contact with skin. Toxic if swallowed.  |
| Skin corrosion/irritation  | Prolonged skin contact may cause temporary irritation.   |
| Serious eye damage/eye<br>irritation   | Direct contact with eyes may cause temporary irritation.   |
| Respiratory or skin sensitization  |  |
| <b>Respiratory sensitization</b>   | Not a respiratory sensitizer.  |
| Skin sensitization   | This product is not expected to cause skin sensitization.  |
| Germ cell mutagenicity   | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.   |
| Carcinogenicity  | Not classifiable as to carcinogenicity to humans.  |
| IARC Monographs. Overall E<br>Not listed.                                    | Evaluation of Carcinogenicity  |

| NTP Report on Carcinogens                             | 3  |
|---|--|
| Not listed.   |  |
| OSHA Specifically Regulate                            | d Substances (29 CFR 1910.1001-1053)   |
| Not regulated.  |  |
| Reproductive toxicity                                 | This product is not expected to cause reproductive or developmental effects. |
| Specific target organ toxicity -<br>single exposure   | Causes damage to organs (central nervous system, optic nerve) by inhalation. |
| Specific target organ toxicity -<br>repeated exposure | Not classified.  |
| Aspiration hazard                                     | Not an aspiration hazard.  |
| Chronic effects                                       | Prolonged inhalation may be harmful.   |
| 12. Ecological information                            | 1  |

| Ecotoxicity                   | The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. |
|-------------------------------|--|
| Persistence and degradability | The product is readily biodegradable.  |
| Bioaccumulative potential     | The product is not expected to bioaccumulate.  |
| Mobility in soil              | No data available.   |
| Mobility in general           | This product is miscible in water.   |
| Other adverse effects         | The product contains volatile organic compounds which have a photochemical ozone creation<br>potential.  |

# 13. Disposal considerations

| Disposal instructions      | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Incinerate the material under controlled conditions in an approved incinerator. Do not incinerate sealed containers. Dispose of contents/container in accordance with local/regional/national/international regulations. |
|----------------------------|---|
| Local disposal regulations | Dispose in accordance with all applicable regulations.  |
| Hazardous waste code       | The waste code should be assigned in discussion between the user, the producer and the waste disposal company.  |

#### US RCRA Hazardous Waste U List: Reference

| Methanol (CAS 67-56-1)                   | U154   |
|--|--|
| Waste from residues / unused<br>products | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). |
| Contaminated packaging                   | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.       |

# 14. Transport information

| UN number UN 1230   |          |
|---|----------|
| UN proper shipping name Methanol (Methanol RQ = 5000)   |          |
| Transport hazard class(es)  |          |
| Class 3   |          |
| Subsidiary risk None  |          |
| Label(s) 3  |          |
| Packing group   |          |
| Environmental hazards   |          |
| Marine pollutant No   |          |
| Special precautions for user Read safety instructions, SDS and emergency procedures before ha | Indling. |
| Special provisions IB2, T7, TP2   |          |
| Packaging exceptions 150  |          |
| Packaging non bulk 202  |          |
| Packaging bulk 242  |          |
| ΙΑΤΑ  |          |
| UN number UN1230  |          |
| UN proper shipping name Methanol  |          |

| Transport hazard class(es)   |  |
|--|--|
| Class  | 3  |
| Subsidiary risk  | 6.1  |
| Label(s)   | 3  |
|  | +6.1   |
| Packing group  |  |
| Environmental hazards  | No   |
| ERG Code   | 3P   |
| Special precautions for user   | Read safety instructions, SDS and emergency procedures before handling.  |
| IMDG   |  |
| UN number  | UN1230   |
| UN proper shipping name<br>Transport hazard class(es)                          | Methanol   |
| Class  | 3  |
| Subsidiary risk  | 6.1  |
| Label(s)   | 3  |
| ()   | +6.1   |
| Packing group  | II   |
| Environmental hazards  |  |
| Marine pollutant   | No   |
| EmS  | F-E, S-D   |
| Special precautions for user   | Read safety instructions, SDS and emergency procedures before handling.  |
| Transport in bulk according to<br>Annex II of MARPOL 73/78 and<br>the IBC Code | Not established.   |
| 15. Regulatory information   |  |
| US federal regulations   | This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. |
| TSCA Section 12(b) Export N<br>Not regulated.<br>CERCLA Hazardous Substar      | lotification (40 CFR 707, Subpt. D)<br>nce List (40 CFR 302.4)   |
| Methanol (CAS 67-56-1)<br>SARA 304 Emergency releas                            | Listed.  |
|  |  |

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053) Not regulated.

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

| •                                  | authorization Act of 1986 (SARA)  |          |
|------------------------------------|---|----------|
| SARA 302 Extremely hazard          | lous substance  |          |
| Not listed.                        |   |          |
| SARA 311/312 Hazardous<br>chemical | Yes   |          |
| Classified hazard categories       | Flammable (gases, aerosols, liquids, or sol<br>Acute toxicity (any route of exposure)<br>Specific target organ toxicity (single or repe | ,        |
| SARA 313 (TRI reporting)           |   |          |
| Chemical name                      | CAS number  | % by wt. |
| Methanol                           | 67-56-1   | 100      |
| Other federal regulations          |   |          |
|                                    |   |          |
| Clean Air Act (CAA) Section        | 112 Hazardous Air Pollutants (HAPs) List  | t        |
| Methanol (CAS 67-56-1)             | 112 Hazardous Air Pollutants (HAPs) List  | t        |
| Methanol (CAS 67-56-1)             | 112 Hazardous Air Pollutants (HAPs) List<br>112(r) Accidental Release Prevention (40  |          |
| Methanol (CAS 67-56-1)             | · · · ·   |          |

#### **US state regulations**

US. Massachusetts RTK - Substance List

Methanol (CAS 67-56-1)

US. New Jersey Worker and Community Right-to-Know Act

Methanol (CAS 67-56-1)

#### US. Pennsylvania Worker and Community Right-to-Know Law

Methanol (CAS 67-56-1)

#### US. Rhode Island RTK

Methanol (CAS 67-56-1)

#### **California Proposition 65**

**WARNING:** This product can expose you to Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

#### California Proposition 65 - CRT: Listed date/Developmental toxin

Methanol (CAS 67-56-1) Listed: March 16, 2012 US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Methanol (CAS 67-56-1)

#### **International Inventories**

| Country(s) or region        | Inventory name  | On inventory (yes/no)* |
|-----------------------------|---|------------------------|
| Australia                   | Australian Inventory of Chemical Substances (AICS)                        | Yes                    |
| Canada                      | Domestic Substances List (DSL)  | Yes                    |
| Canada                      | Non-Domestic Substances List (NDSL)                                       | No                     |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)                | Yes                    |
| Europe                      | European Inventory of Existing Commercial Chemical<br>Substances (EINECS) | Yes                    |
| Europe                      | European List of Notified Chemical Substances (ELINCS)                    | No                     |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)                  | Yes                    |
| Korea                       | Existing Chemicals List (ECL)   | Yes                    |
| New Zealand                 | New Zealand Inventory   | Yes                    |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)         | Yes                    |
| Taiwan                      | Taiwan Chemical Substance Inventory (TCSI)                                | Yes                    |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                             | Yes                    |

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s). A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

### 16. Other information, including date of preparation or last revision

| Issue date    | 11-June-2018   |
|---------------|--|
| Revision date | 11/27/23   |
| Version #     | 02   |
| HMIS® ratings | Health: 4<br>Flammability: 3<br>Physical hazard: 0   |
| Disclaimer    | This product is subject to Lab Alley's terms and conditions, which can be found at<br>http://www.laballey.com. Lab Alley LLC cannot anticipate all conditions under which this<br>information and this product, or the products of other manufacturers in combination<br>with this product, may be used. The user is responsible for the proper and safe use,<br>handling, storage and disposal of the product, and assumes liability for any loss, injury,<br>damage or expense arising from any failure to do so. The data in this sheet is based on<br>information and experience available at the time of writing. |