



# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1/7

## Fiddes IMS

Revision 0

Revision date 2015-02-25

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name	Fiddes IMS
CAS No.	64-17-5
EC No.	200-578-6
Index No.	603-002-00-5

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

Description	No data is available on this product.
-------------	---------------------------------------

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

Company	Fiddes & Son Ltd
Address	Florence Works, Brindley Road, Cardiff, South Glamorgan, CF11 8TX
Web	www.fiddes.co.uk
Telephone	+44 (0)29 2034 0323
Fax	+44 (0)29 2034 3235
Email	info@fiddes.co.uk
Email address of the competent person	info@fiddes.co.uk

#### 1.4. Emergency telephone number


Emergency telephone number	1-352-323-3500
Company	INFOTRAC 24HR

### SECTION 2: Hazards identification

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

2.1.1. Classification - 67/548/EEC	F; R11 Symbols: F: Highly flammable.
Main hazards	Highly flammable.
2.1.2. Classification - EC 1272/2008	Flam. Liq. 2: H225; Acute Tox. 4: H302+H312+H332; Eye Irrit. 2: H319; STOT SE 2: H371;

#### 2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Flam. Liq. 2: H225 - Highly flammable liquid and vapour. Acute Tox. 4: H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 2: H371 - May cause damage to organs .

## Fiddes IMS

Revision 0

Revision date 2015-02-25

## 2.2. Label elements

<b>Precautionary Statement: Prevention</b>	P210 - Keep away from heat/sparks/open flames/hot surfaces. – No smoking. P233 - Keep container tightly closed. P242 - Use only non-sparking tools. P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P270 - Do not eat, drink or smoke when using this product. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
<b>Precautionary Statement: Response</b>	P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P302+P352 - IF ON SKIN: Wash with plenty of soap and water. P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position 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. P337+P313 - If eye irritation persists: Get medical advice/attention. P370+P378 - In case of fire: Use foam/CO2 for extinction.
<b>Precautionary Statement: Storage</b>	P403+P235 - Store in a well-ventilated place. Keep cool. P405 - Store locked up.
<b>Precautionary Statement: Disposal</b>	Dispose of this material and its container to hazardous or special waste collection point.

## SECTION 3: Composition/information on ingredients

## 3.1. Substances

## 67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Ethanol	603-002-00-5	64-17-5	200-578-6		90 - 100%	F; R11
Methanol	603-001-00-X	67-56-1	200-659-6		1 - 10%	F; R11 T; R23/24/25-39/23/24/25

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Ethanol	603-002-00-5	64-17-5	200-578-6		90 - 100%	Flam. Liq. 2: H225;
Methanol	603-001-00-X	67-56-1	200-659-6		1 - 10%	Flam. Liq. 2: H225; Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; STOT SE 1: H370;

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

<b>Inhalation</b>	Remove casualty from exposure ensuring one's own safety whilst doing so.
<b>Eye contact</b>	Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
<b>Skin contact</b>	Remove contaminated clothing. Wash off immediately with plenty of soap and water.
<b>Ingestion</b>	DO NOT INDUCE VOMITING.

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

<b>Inhalation</b>	Harmful by inhalation.
<b>Eye contact</b>	Harmful.
<b>Skin contact</b>	Harmful in contact with skin.
<b>Ingestion</b>	Harmful if swallowed.

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

<b>Inhalation</b>	Seek medical attention.
<b>Eye contact</b>	Seek medical attention.
<b>Skin contact</b>	Seek medical attention.

## Fiddes IMS

Revision 0

Revision date 2015-02-25

**4.3. Indication of any immediate medical attention and special treatment needed**

Ingestion	Seek medical attention.
-----------	-------------------------

**SECTION 5: Firefighting measures****5.1. Extinguishing media**

	Use extinguishing media appropriate to the surrounding fire conditions. Vapour may travel considerable distance to source of ignition and flash back.
--	---

**5.2. Special hazards arising from the substance or mixture**

	Flammable liquid. Burning produces irritating, toxic and obnoxious fumes.
--	---

**5.3. Advice for firefighters**

	Wear suitable respiratory equipment when necessary.
--	---

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Keep public away from danger area. Keep upwind.
--	--

**6.2. Environmental precautions**

	Avoid release to the environment. Refer to special instructions/Safety data sheets. Do not allow product to enter drains.
--	---

**6.3. Methods and material for containment and cleaning up**

	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal.
--	--

**6.4. Reference to other sections**

	See section 2, 3, 8, 13 for further information.
--	--

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

	Adopt best Manual Handling considerations when handling, carrying and dispensing.
--	---

**7.2. Conditions for safe storage, including any incompatibilities**

	Keep only in the original container in a cool, well-ventilated place. Keep container tightly closed in a cool place. Store at temperatures between 5 °C and 18 °C.
--	--

**7.3. Specific end use(s)**

	No data is available on this product.
--	---------------------------------------

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

	See section 8.2 for further information.
--	--

**8.1.1. Exposure Limit Values**

Fiddes IMS (Ethanol)	WEL 8-hr limit ppm: 1000	WEL 8-hr limit mg/m3: 1920
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
Methanol	WEL 8-hr limit ppm: 200	WEL 8-hr limit mg/m3: 266
	WEL 15 min limit ppm: 250	WEL 15 min limit mg/m3: 333

**8.2. Exposure controls**

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
Eye / face protection	Wear eye/face protection.
Skin protection - Handprotection	Chemical resistant gloves (PVC).

## Fiddes IMS

Revision 0

Revision date 2015-02-25

## 8.2. Exposure controls

Skin protection - Other	Wear suitable protective clothing.
Respiratory protection	Wear suitable respiratory equipment when necessary.
8.2.3. Environmental exposure controls	Avoid release to the environment.
Occupational exposure controls	Appropriate local exhaust ventilation is required. Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

State	Liquid
Colour	Colourless
Odour	Alcoholic
pH	No data available
Melting point	- 114
Boiling point	+ 78
Flash point	12
Evaporation rate	No data available
Flammability limits	No data available
Vapour Flammability	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	0.79
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	No data available
Explosive	No data available
Oxidising	No data available
Solubility	Soluble in water

## 9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	100

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

	No data available.
--	--------------------

## 10.2. Chemical stability

	Stable under normal conditions.
--	---------------------------------

## 10.3. Possibility of hazardous reactions

	No data is available on this product.
--	---------------------------------------

## 10.4. Conditions to avoid

	Heat, sparks and open flames.
--	-------------------------------

## 10.5. Incompatible materials

	Oxidising agents.
--	-------------------

## 10.6. Hazardous decomposition products

## Fiddes IMS

Revision 0

Revision date 2015-02-25

## 10.6. Hazardous decomposition products

Burning produces irritating, toxic and obnoxious fumes.

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

Skin corrosion/irritation	No observed effect concentration.
Serious eye damage/irritation	Irritating to eyes.
Respiratory or skin sensitisation	No sensitization effects reported.
Germ cell mutagenicity	No observed effect concentration.

## 11.1.4. Toxicological Information

Fiddes IMS	Inhalation Rat LC50/30min: 11mg/l Dermal Rabbit LD50: 1100mg/kg	Oral Rat LD50: 500mg/kg
------------	--	-------------------------

## SECTION 12: Ecological information

## 12.1. Toxicity

Fiddes IMS	Fish LC50/96h: 13000.000000 mg/l	Daphnia LC50/48h: 12340
------------	-------------------------------------	-------------------------

## 12.2. Persistence and degradability

No data is available on this product.

## 12.3. Bioaccumulative potential

No data is available on this product.

## 12.4. Mobility in soil

No data is available on this product.

## 12.5. Results of PBT and vPvB assessment

No data is available on this product.

## 12.6. Other adverse effects

No data is available on this product.

## SECTION 13: Disposal considerations

## 13.1. Waste treatment methods

Dispose of as special waste in compliance with local and national regulations.

## SECTION 14: Transport information

## Hazard pictograms



## 14.1. UN number

UN1170

## 14.2. UN proper shipping name

ETHYL ALCOHOL SOLUTION

## 14.3. Transport hazard class(es)

ADR/RID	3
Subsidiary risk	-
IMDG	3

## Fiddes IMS

Revision 0

Revision date 2015-02-25

<b>14.3. Transport hazard class(es)</b>	
Subsidiary risk	-
IATA	3
Subsidiary risk	-
<b>14.4. Packing group</b>	
Packing group	II
<b>14.5. Environmental hazards</b>	
Environmental hazards	No
Marine pollutant	No
<b>ADR/RID</b>	
Hazard ID	33
Tunnel Category	(D/E)
<b>IMDG</b>	
EmS Code	F-E S-D
<b>IATA</b>	
Packing Instruction (Cargo)	364
Maximum quantity	60 L
Packing Instruction (Passenger)	353
Maximum quantity	5 L
<b>SECTION 15: Regulatory information</b>	
<b>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
Regulations	<p>COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.</p> <p>REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.</p>
<b>15.2. Chemical safety assessment</b>	
	No data is available on this product.
<b>SECTION 16: Other information</b>	
<b>Other information</b>	
Text of risk phrases in Section 3	<p>R11 - Highly flammable.</p> <p>R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed.</p> <p>R39/23/24/25 - Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.</p>
Text of Hazard Statements in Section 3	<p>Flam. Liq. 2: H225 - Highly flammable liquid and vapour.</p> <p>Acute Tox. 3: H301 - Toxic if swallowed.</p> <p>Acute Tox. 3: H311 - Toxic in contact with skin.</p> <p>Acute Tox. 3: H331 - Toxic if inhaled.</p> <p>STOT SE 1: H370 - Causes damage to organs .</p>
Maximum content of VOC	100.
<b>General information</b>	

## Fiddes IMS

Revision 0

Revision date 2015-02-25

---

**General information**

---

	This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy.
--	--

---