



# Safety Data Sheet

## MOTOEFFECT 85-77

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

#### 1.1. Product Identifier

AART MOTOEFFECT 85-77  
Contains: Ethyl acetate, Ethanol

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

Additive for motorcycle paint

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

COMPANY IDENTITY: Logicar Inc.  
COMPANY ADDRESS: 1361 NW 155<sup>th</sup> DR  
COMPANY CITY: Miami, FL 33169  
COMPANY PHONE: 305-685-8044

#### 1.4. Emergency telephone number

CHEMTREC: +1(703)527-3887

### Section 2: Hazards identification

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

Flam. Liq. 2 H225  
Eye Irrit. 2 H319  
STOT SE 3 H336

#### 2.2. Label elements



Signal word : DANGER

Hazard statements:

H225 Highly flammable liquid and vapour

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness

EUH066 Repeated exposure may cause skin dryness or cracking



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Precautionary statements:

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P260 Do not breathe vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

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

P501 Dispose of contents/container to an authorized waste collection point.

### Section 3: Composition/information on ingredients

#### 3.1. Mixtures

Index number	Chemical Name	WE Number	CAS Number	Classification of substance according to CLP	Mark of substance	Weight	Registration Number
607-022-00-5	Ethyl acetate	205-500-4	141-78-6	Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336	GHS02 GHS07 Dgr H225, H319, H336, EUH066	40 –50%	01- 2119475110- 46-XXXX
603-002-00-5	Ethanol	200-578-6	64-17-5	Flam. Liq. 2 H225	GHS02 Dgr H225	40 –50%	01- 2119457610- 43-XXXX

### Section 4: First aid measures

#### 4.1. Description of first aid measures

General information:	See 11 point SDS
Inhalation:	Move to fresh air, ensure quiet and warmth, seek medical advice.
Eyes contact:	Do not close the eye, rinse with plenty of water (protect) healthy eye, remove contact lenses, seek medical advice.
Skin contact:	Immediately remove all contaminated clothing, wash with plenty of water with soap, seek medical advice.
Ingestion:	Wash out mouth thoroughly with water. Do not induce the vomiting.

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

Seek medical advice.

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

Seek medical advice.



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### Section 5: Fire-fighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media: Water, vaporised water, foam, CO<sub>2</sub>.  
Unsuitable extinguishing media: Tight stream of water.

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

Under the influence of high temperature may produce CO, CO<sub>2</sub> vapours.

#### 5.3. Advice for fire-fighters

Firemen have to wear self-contained breathing apparatus and protective clothing. Cool adjacent tanks by spraying water from a safe distance.

### Section 6: Accidental release measures

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

For non-emergency personnel: Remove ignition sources. Provide for sufficient ventilation. Avoid direct contact with releasing substance (vapours). Avoid contact with eyes and skin. Get acquainted with safety conditions (see point 7 and 8 SDS).  
For emergency responders:

#### 6.2. Environmental precautions

Keep away from drains, surface-water, ground-water and soil.

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

Poured substance should be absorbed with non-flammable materials: sand, silica, special granulated products. Keep to a minimum efflux area. Collect discards, store according to regulations (see point 13 SDS).

### Section 7: Handling and storage

#### 7.1. Precautions for safe handling

Keep away from heat; keep away from sources of ignition – do not smoke, do not eat, do not drink, do not breathe vapour, avoid contact with skin and eyes. Do not empty under pressure. Use only original tanks.

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

Normal precautions taken when handling flammable substances. Store in hermetically closed containers In temp. 5-25°C. Place of storage should be dry. Protect from heat. Do not store near to sources of ignition.



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### 7.3. Specific end use(s)

One component lacquer for industry varnishing.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

Limit values for Ethyl acetate:

TLV: 400 ppm TWA; (ACGIH 2004).

MAK: 400 ppm, 1500 mg/m<sup>3</sup>

Limit values for Ethanol:

TLV: 1000ppm TWA; (ACGIH 2004).

MAK:1000 ppm, 1900 mg/m<sup>3</sup>

### 8.2. Exposure controls

Respiratory protection:

Gas mask with "A" type absorbing canister.

Hands protection:

Protective gloves for handling solvents (nitrile rubber).

Eyes protection:

Protective glasses.

Skin protection:

Suitable protective clothing.

Workplace:

Topical stays and exhausting ventilation.

## Section 9: Physical and chemical properties

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

**Physical state:**

liquid

**Colour:**

various

**Odour:**

typical mixture of solvents

**pH:**

no data

**Boiling point:**

> 77°C

**Melting point:**

no data

**Flash point:**

<0°C

**VOC Actual:**

810 g/l, 6.75 lbs/gal

**Autoignition point:**

no data

**Vapour pressure:**

no data

**Explosion limits:**

no data

**Density:**

0,87 g/cm<sup>3</sup>

**Water solubility:**

very poor

**Octanol/Water partition coeff:**

no data

**Viscosity:**

12 – 14" Ford Cup DIN 4

**Regulatory VOC:**

810 g/l, 6.75 lbs/gal



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### Section 10: Stability and reactivity

#### 10.2. Chemical stability

If handled according to the section 7 product is stable.

#### 10.4. Conditions to avoid

Strong acids and basis, oxidizers, high temperature, peroxides.

#### 10.6. Hazardous decomposition products

Incomplete combustion will produce CO, CO<sub>2</sub> and polyaromates.

### Section 11: Toxicological information

#### 11.1. Information on toxicological effects

Toxicity for Ethyl acetate:

LD<sub>50</sub> (rat, oral) – 6100 mg/kg  
LC<sub>50</sub> (rat, inhalation) – 5856 mg/m<sup>3</sup> (8 h)  
LD<sub>50</sub> (rabbit, skin) > 20000 mg/kg

Toxicity for Ethanol:

LD<sub>50</sub> (rat, oral) – 6200mg/kg  
LD<sub>50</sub> (rabbit, skin) – 6300 mg/kg

Irritating effect:

Skin: irritating and dryness  
Eyes: irritating

Symptoms of poisoning:

Headaches, discomfort, tiredness, sleepiness, vomiting or may narcotise, muscle failure, partial or total loss of consciousness.

### Section 12: Ecological information

#### 12.1. Toxicity

Toxicity:

Xylene acute toxicity for:

(LC<sub>50</sub>/96 h) fish - 13500-17300 mg/l  
(LC<sub>50</sub>/48h) crustacea – 600 mg/l

n-Butanol acute toxicity for:

(LC<sub>50</sub>/96 h) fish – 1630 mg/l  
(EC<sub>50</sub>/48h) crustacea – 1983 mg/l

Butyl acetate acute toxicity for:

(LC<sub>50</sub>/96 h) fish – 62 mg/l  
(EC<sub>50</sub>/48h) crustacea – 32 mg/l



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### Section 13: Disposal considerations

#### 13.1. Waste treatment methods

Recommendation:	Product must be disposed of by special means in accordance with local regulations.
Remains of product:	Remains of product in the tin should be carefully remove and leave to dry (only in well ventilated places). Remains should be dried in small portions far from flammable substance. Dried product is not harmful waste. Code of waste: 08 01 11* Do not spill into drainage systems.
Clean tin:	Tin carefully clean is not harmful waste. Code of waste : 15 01 02 Spent packages dispose for authorized receiver who has adequate permission for waste management.
Tin partly empty:	See remains of products.

### Section 14: Transport information

#### 14.1. UN number

UN 1263

#### 14.2. UN proper shipping name

PAINT

#### 14.3. Transport hazard class(es)

Class 3

#### 14.4. Packing group

PG II

#### 14.5. Environmental hazards

No applicable



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### 14.6. Special precautions for user

Land transport: ADR/RID:  
Classification code: F1  
Tunnels: D1E  
Sea transport IMDG: EmS: F-E, S-E

## Section 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

67/548/EWG (2006/121/WE)  
91/155/EWG (2001/58/WE)  
1999/45/EC (2006/8/WE)  
1991/322/EWG  
2000/39/WE  
2006/15/WE  
2006/1907/WE (REACH)  
2004/42/WE  
2008/1272/WE (CLP)  
Other regulations: ADR (2007-2009), IMDG Code 2006 Edition.

## Section 16: Other information

### Other information

Full text of phrases from 3 point SDS according to CLP  
H225 Highly flammable liquid and vapour  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness  
Flam. Liq. 2 Flammable liquid category 2  
STOT SE 3 Specific target organ toxicity – single exposure category 3  
Eye Irrit. 2 Eye irritation category 2

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